



# User Guide

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# **Millenium Xtra User Guide**

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## **Welcome to the Millenium Xtra Security Management System!**

The **Millenium Xtra Security Management System** is designed for MGI-based integrated security systems. It is built on .NET technology. It provides full management of the access control system and performs information exchange and coordination between all subsystems, including: alarm monitoring, doors/elevator control, visitor management, badge control, recorded video etc.

### **Overview**

#### **Minimum System Requirements:**

##### **Millenium Xtra Application and Database Server**

- Pentium IV class PC (Network-ready if using workstations)
- 1 GB RAM
- 160 GB Hard Drive
- CD ROM/ DVD drive
- Two DB-9 Serial Ports (optional)
- Accurate Clock (1 to 5 minutes per year)
- Windows 2003 or 2008 Server, Windows 7 Professional or Windows XP Professional (latest Service Packs)
- Microsoft SQL Server 2005 (minimum) in server or desktop edition

##### **Millenium Xtra Workstation**

- IE 7 or above, Firefox 3.x or above, Chrome, or Opera browser
- Any operating system supporting above browsers

For special requirements for the Millenium Xtra integrated Badging system, please refer to the Millenium Xtra Badge User Guide, PK 2909.

**Note.** Millenium Xtra Software runs in demo mode until it is registered.

### **Millenium Xtra Location Features**

Millenium Xtra is the most wide-ranging product in a suite of Access Management applications designed to administer and manage Access Control security at a facility.

Millenium Xtra is built on .NET technology, and now can be accessible from any PC which is connected to the internet.

Any operating system, any kind of browser is applicable - including netbooks, pocket PC's, communicators and mobile phones (Blackberries etc.)

- Your facility can be a single location or multiple locations with as many as 100,000 access points.
- Multiple locations can include directly connected remote sites.

- Millenium Xtra software receives your programming data for all the access points and users, communicates the data to all the electronic devices in the network and then displays and stores Access Management activity back at the Application Server.

## **The Millenium Xtra Family of Devices**

- Site Control Unit (SCU)
- Door Control Device (DCD)
- Relay Control Device (RCD)
- Elevator Control Unit (ECU)
- Elevator Control Device (ECD)
- Site Ethernet Interface (SEI)
- Trunk Interface Unit (TIU)
- Power Supply w/Line Conditioner (PS1)

### **Site Control Unit**

The SCU supervises and maintains communications to its connected devices. It takes inbound RS232 or RS485 communications protocols and routes them to the necessary pieces of equipment on the system.

### **Trunk Interface Unit**

The TIU is an RS232 to RS485 converter box. Use the TIU when the SCU is more than 50ft away from the main PC or when using more than 1 SCU.

### **Door Control Devices (DCDs)**

The DCD is the heart of the Millenium Xtra System.

This is the device that connects each of the door peripheral devices to the system, like the electronic lock, the reader, request to exit device (REX), and the door position switch.

### **Relay Control Devices (RCDs)**

The RCD is an optional (8) relay output board that is employed within the system if additional relays are required to operate external devices.

Each RCD board (Relay Controller Board) has eight programmable relays, with a maximum of 10 boards per Site Controller Unit (SCU) or a total 80,000 additional relays, if needed.

### **Elevator Control Unit (ECU)**

The ECU is used to interface the Millenium Xtra Enterprise access control system directly to an elevator controller. This board has 16 output relays.

### **Elevator Control Device**

The ECD is a stripped down version of the DCD. It resides on the elevator car and it is used as an interface liaison between the reader and the ECU.



## System Administration

The system administration menu includes following submenus:

- **System Administration - Operator Privileges**
- **System Administration - Operator-defined Fields**
- **System Administration - Threat Levels**
- **System Administration - Database Functions**
- **System Administration - Diagnostics**
- **System Administration - Partitions**
- **System Administration - Company Information**
- **System Administration - Customer Settings**

The screenshot displays the 'Operator Privileges' page within the Millenium Xtra application, accessed via a Mozilla Firefox browser. The browser's address bar shows the URL: `http://127.0.0.1/SystemAdministration/Default.aspx?ID=1`. The application's navigation bar includes tabs for 'System Administration' (selected), 'Cardholder Data', 'Event Monitoring', 'Hardware Configuration', 'System Configuration', 'Reports', 'Historical Log', 'Maps', and 'External Systems'. Below this, a secondary navigation bar lists various system components: 'Operator Privileges' (selected), 'Operator-defined Fields', 'Threat Levels', 'Database Functions', 'Diagnostics', 'Partitions', 'Company Information', and 'Customer Settings'. The main content area is titled 'Operator Privileges' and contains a left-hand sidebar with a tree view of privilege levels: 'Privilege Level 1' (expanded), 'admin admin', 'admin2 admin2', 'Privilege Level 2', 'Privilege Level 3', 'Privilege Level 4', 'Privilege Level 5', 'Privilege Level 6', and 'Inactive'. The central form area is divided into three sections: 'COMMON INFORMATION' with fields for 'Last Name' (admin), 'First Name' (admin), and 'MI'; 'LOGIN INFORMATION' with fields for 'Ligon Name' (ADMIN), 'Ligon Password', 'Confirm Password', and a 'Privilege Level' dropdown set to 'Privilege Level 1'; and 'ROUTING E-MAIL INFORMATION' with fields for 'Primary E-mail', 'Secondary E-mail', and 'Wireless'. To the right of the form are links for 'List View', 'Edit Privilege Levels', and 'View Report'. At the bottom of the form are buttons for 'New', 'Save', 'Delete', 'Cancel', and 'Help'. The footer of the application shows the copyright notice '©2000–2011 Millennium Group, Inc.' and links for 'Change Password', 'Company Info', 'Privacy Policy', and 'Open in Separate Window'. The browser's status bar at the very bottom indicates 'Done'.

## System Administration - Operator Privileges

Operator Privileges can be displayed in Normal View and in List View modes.

### Operator privileges. Normal View

The operator's screen in Normal View should look as shown below:

The screenshot shows the 'Operator Privileges' interface in a Mozilla Firefox browser. The address bar displays 'http://127.0.0.1/SystemAdministration/Default.aspx?ID=1'. The interface features a top navigation bar with tabs: 'System Administration' (selected), 'Cardholder Data', 'Event Monitoring', 'Hardware Configuration', 'System Configuration', 'Reports', 'Historical Log', 'Maps', and 'External Systems'. Below this is a 'Millenium Xtra' header with 'Current Partition: Default Partition', 'Logged User: Admin', 'Time Online: 00:00', and 'Base Online: 00:19'. A secondary navigation bar includes 'Operator Privileges' (selected), 'Operator-defined Fields', 'Threat Levels', 'Database Functions', 'Diagnostics', 'Partitions', 'Company Information', and 'Customer Settings'. The main content area is titled 'Operator Privileges' and contains a left sidebar with a tree view of privilege levels: 'Privilege Level 1' (expanded, showing 'admin admin' and 'admin2 admin2'), 'Privilege Level 2', 'Privilege Level 3', 'Privilege Level 4', 'Privilege Level 5', 'Privilege Level 6', and 'Inactive'. The main form area is divided into sections: 'COMMON INFORMATION' (Last Name: admin, First Name: admin, MI:), 'LOGIN INFORMATION' (Logon Name: ADMIN, Logon Password, Confirm Password, Privilege Level: Privilege Level 1), and 'ROUTING E-MAIL INFORMATION' (Primary E-mail, Secondary E-mail, Wireless). Action buttons at the bottom include '+ New', 'Save', 'Delete', 'Cancel', and 'Help'. On the right, there are links for 'List View', 'Edit Privilege Levels', and 'View Report'. The footer shows '©2000–2011 Millennium Group, Inc.' and links for 'Change Password', 'Company Info', 'Privacy Policy', and 'Open in Separate Window'.

System Administration module in the Millenium Xtra Security Management System allows operator to choose among 6 different privilege levels, as well as inactivity status, for any of the system users. The highest privilege level is 1-st, the lowest one is 6-th. The user could not logon to the Millenium Xtra System when his privilege level is set to "Inactive". For setting up privilege levels, please select "System Administration" **Top Menu** section and then – "Operator Privileges" tab in a **Horizontal Menu**.

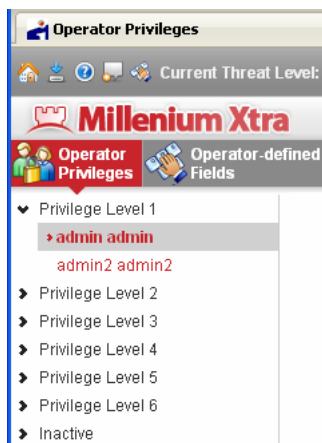
### Top Menu



## Horizontal Menu



## Left-side Menu



## Available Fields and their assignment:

### Common Information Group

- Last Name\* - Last name of selected Millenium Xtra System user
- First Name\* - First name of selected Millenium Xtra System user
- MI - Middle name of selected Millenium Xtra System user

### Login Information Group

- Logon Name\* - Logon Name (Username) for selected Millenium Xtra System user
- Logon Password\* - Logon Password for selected Millenium Xtra System user
- Confirm Password\* - retype Password for selected Millenium Xtra System user here
- Privilege Level\* - select required Privilege Level for the Millenium Xtra System user

### Routing E-mail Information Group

- Primary E-mail - Primary E-mail of selected Millenium Xtra System user
- Secondary E-mail - Secondary E-mail of selected Millenium Xtra System user
- Wireless - wireless phone number of selected Millenium Xtra System user










Fields, marked with the asterisk (\*) symbol, are mandatory.

Password field MUST be retyped in Confirm Password field.

**Note.** E-Mail notifications will be sent by the Millenium Xtra Security Management System automatically to these E-mail addresses.


## Available Buttons and their assignment:


There are following buttons available for the operator:

-  **New** – for creation of a new user account
-  **Save** – for saving of a current record
-  **Delete** – for deletion (removal) of a current record
-  **Cancel** – for canceling of any changes made in the range of current session and current record
-  **List View** – for switching to List View mode
-  **Edit Privilege Levels** – for switching to Edit Privilege Levels screen
-  **View Report** – for building the detailed report about all available privileges (Report Name: Operator Level Privileges)
-  **View** (in List View Mode) – for viewing/editing of the highlighted user account in Normal View mode
-  **Cancel** (in List View Mode) – for switching to Normal View mode

**Left-side Menu** on the operator's screen displays all available Privilege Level Groups.

Click and expand/collapse any desired Privilege Group to show existing Privilege Level Group users.


To create a **new** user, press  button.

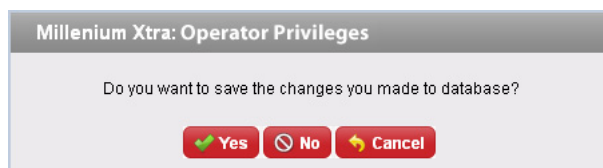
All the fields would be empty. Fill them as necessary, and then press  button.

If some of the required fields will be empty, the system will pop-up the following message:



Any combination of mandatory fields may be listed in this pop-up. So, please correct your input and fill all missing mandatory fields.

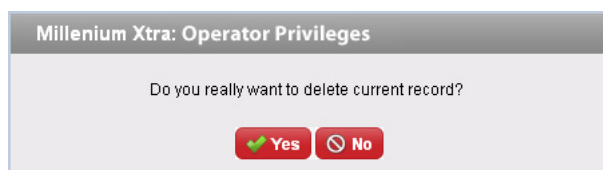
If you press any other button then  (without saving changes), you'll obtain the following popup message:



"Yes" - saves your changes, "No" - cancels your changes, "Cancel" - cancels your last action (pressing of a button or clicking anywhere in menu).

To **edit** an existing user, expand required Privilege Level Group in the **Left-side Menu**. Choose the appropriate user and click the link with his name (Last Name, First Name). The screen will show Operator Privileges for the selected user. This user information can be edited as described above.

To **delete** user, press  button. Confirm your decision in the pop-up window:

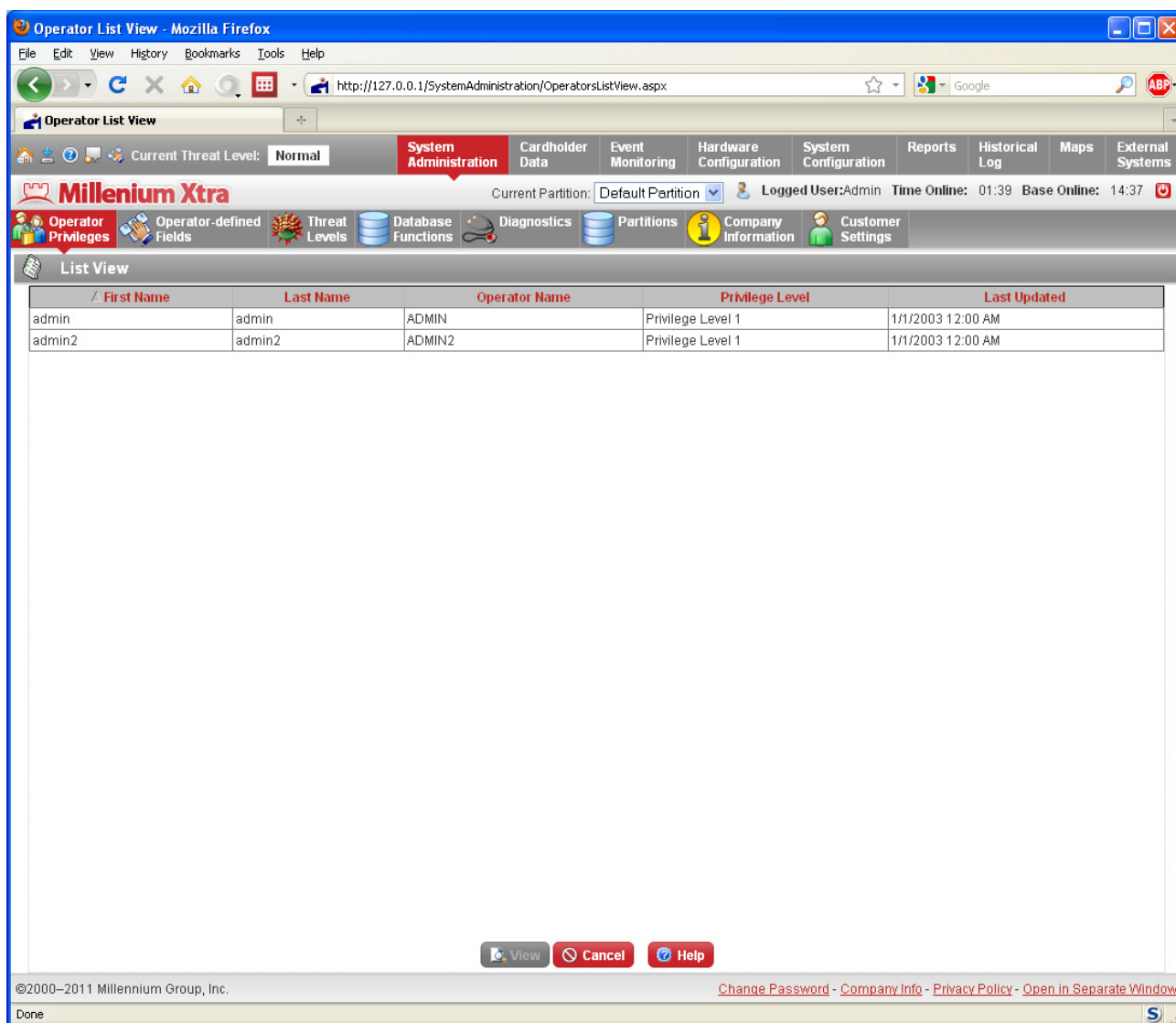


"Yes" - deletes current record, "No" - leaves current record in the database.

**Note.** The built-in Admin account could not be deleted.

To **cancel your changes** on the Operator Privileges screen, press "Cancel" button. All your changes on the Operator Privileges screen during current session will be cancelled (without any system pop-ups)

## Operator privileges. List View




Press [List View](#) button to view all the system accounts in a table view (List View) mode.

This is often useful when the large number of users is present and when it's difficult to locate required user in the **Left-side Menu**. The table in the list view represents the following fields:

First Name	Last Name	Operator Name	Privilege Level	Last Updated
------------	-----------	---------------	-----------------	--------------


The system operator can sort these fields by clicking on a desired table column's header.

Select the desired user and click on its record. The record will become highlighted with dark blue color.

Press  **View** View Record button to view (or edit) the desired user account's data.

**Note.** The Left-side tab of a screen is not available in List View mode.

Press  **Cancel** button to return from List View mode to Normal View mode.

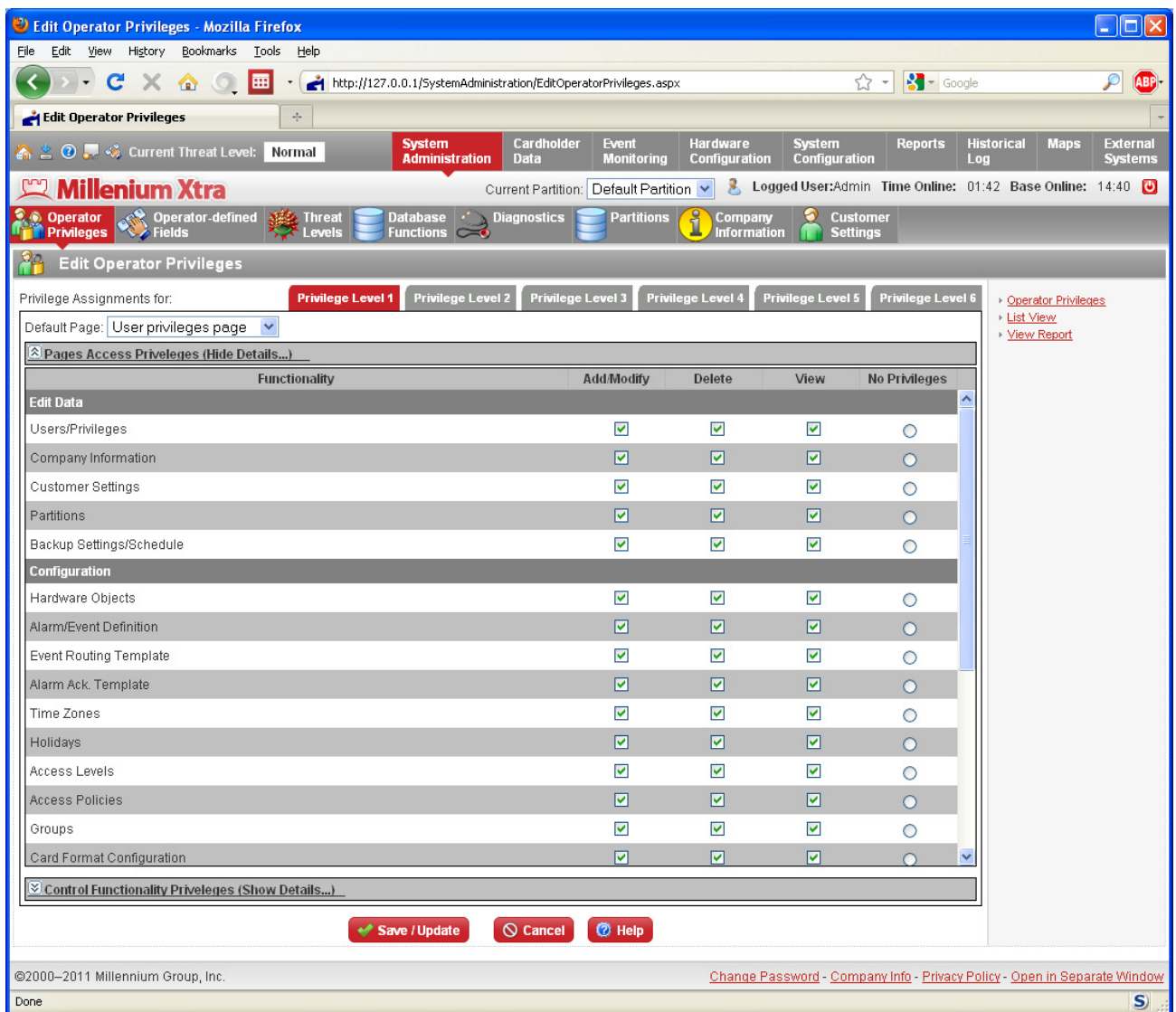
Press  **View Report** button to view (or export / print) the report about current user privileges.

This page is completely described in the

Reports - Configuration Reports - Operator Level Privileges section.

Press "Edit Privilege Levels" button to open the Edit Operator Privileges screen.

## Edit Operator Privileges



There are 6 levels of Operator Privileges in the Millenium Xtra System. Particular privileges can be set up individually for any of these levels. By default, Privilege Level 1 is the highest one (maximum privileges), as well as Privilege Level 6 is the lowest one (minimum privileges).

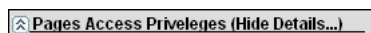
Six **tabs** at the top of your screen represent these six Privilege Levels.



Millenium Xtra System Operator could assign required privileges as for access to the following item groups of privileges: **Pages Access Priveleges** and **Control Functionality Priveleges**.

These groups can be shrinked or expanded for each Privilege Level tab independently.

Click on the link **Pages Access Priveleges (Hide Details...)** to hide this group of items:



Click on the link **Pages Access Priveleges (Show Details...)** to show this group of items:

 [Pages Access Priveleges \(Show Details...\)](#)

Click on the link [Control Functionality Priveleges \(Hide Details...\)](#) to hide this group of items:

 [Control Functionality Priveleges \(Hide Details...\)](#)

Click on the link [Control Functionality Priveleges \(Show Details...\)](#) to show this group of items:

 [Control Functionality Priveleges \(Show Details...\)](#)

**Pages Access Priveleges** consists of the following items:

**Edit Data**

- Users/Privileges
- Company Information
- Customer Settings
- Partitions
- Backup Settings/Schedule

**Configuration**

- Hardware Objects
- Alarm/Event Definition
- Event Routing Template
- Alarm Ack. Template
- Timezones
- Holidays
- Access Levels
- Access Policies
- Groups
- Card Format Configuration

**Cardholder**

- Cardholder User Defined fields
- Cardholder Data Records
- Cardholder Template
- Image Verification

**Maps**

- Floors Map

There are four privilege types for this group of items. Any of the items can be set to one of these four states:

**Add/Modify** checkbox - item can be added/modified by the group of users from the current Privilege Level;

**Delete** checkbox - item can be deleted by the group of users from the current Privilege Level;

**View** checkbox - item can be viewed by the group of users from the current Privilege Level;

**No Privileges** Radio button - item is not allowed for the group of users from the current Privilege Level.

Check or uncheck the required values in the corresponding checkboxes.

**Note.** Checking Radio button **No Privileges** automatically changes values in three other checkboxes - **Add/Modify**, **Delete** and **View** became unchecked.

As well as checking any of the checkboxes makes the Radio button **No Privileges** unchecked.



**Control Functionality Priveleges** consists of the following items:

**Cardholder Screens**

- Cardholder Screen 1
- Cardholder Screen 2
- Cardholder Screen 3
- Cardholder Screen 4
- Cardholder's Data - Event Monitoring

**Database Functions**

- Run Import/Export
- Set CBORD-UDF
- Backup
- Backup Restore/DB Conversion

**Operator Control Screens**

- Operator Control
- Controllers
- Doors
- Readers
- Elevators
- Regions
- Inputs
- Outputs
- Cardholder

**System Operation**

- Downloads to Controllers
- Alarm/Event Monitoring
- Enable/Disable Image Verification
- Acknowledging and Clearing Alarms
- Event History Archives
- View H-Log on All Partitions
- Diagnostics
- Run Reports
- Schedule Reports
- Report History

**Reports**

- All Access Levels
- Alarm History
- Card History
- Cardholder Access Level
- Occupancy
- Cardholder

- Door Configuration
- Door Status
- Elevator Configuration
- Elevator Status
- Event Report (detailed)
- Holidays
- Input Configuration
- Input Status
- Output Configuration
- Output Status
- Reports (list & schedule)
- Timezones
- User Privileges List
- User List
- Alarm Routing Template
- Groups
- Controller Configuration
- Alarms Configuration
- Alarm Acknowledgement Template

#### Maps

- Devices Map
- Partitions Map

#### Threat Levels Settings

- Threat Levels

There are only two privilege types for this group of items.

Any of the items can be **Allowed** or **Not allowed**.

**Allowed** - item is allowed for the group of users from the current Privilege Level;


**Not allowed** - item is not allowed for the group of users from the current Privilege Level.

Check or uncheck the required values, using the corresponding Radio buttons.

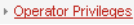
You may switch to any **tab** (Privilege Level1, Privilege Level2, Privilege Level3, Privilege Level4, Privilege Level5 or Privilege Level6) without saving your changes for the previous tab.

#### Available Buttons and their assignment:


There are following buttons available for the operator:


 Save / Update – for saving of a current record


 Cancel – for canceling of any changes made in the range of current session and current record


 Operator Privileges – for switching to Edit Privilege Levels screen


 List View – for switching to List View mode


 View Report – for building the detailed report about all available privileges (Report Name: Operator Level Privileges)

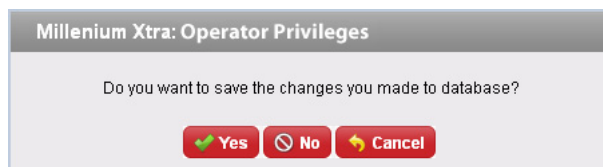
 **View** View (in List View Mode) – for viewing/editing of the highlighted user account in Normal View mode

 **Cancel** Cancel (in List View Mode) – for return to Operator privileges screen (Normal View) mode

When the changes were made and should be saved, press  **Save / Update** Save / Update button to save your changes. No confirmation is required for this operation.

To cancel your changes on the Edit Operator Privileges screen, press  **Cancel** Cancel button. All your changes on the Edit Operator Privileges screen during current session will be cancelled (without any system pop-ups).

If you press any other button then  **Save / Update** (without saving changes), you'll obtain the following popup message:




"Yes" - saves your changes, "No" - cancels your changes, "Cancel" - cancels your last action (pressing of a button or clicking anywhere in menu).

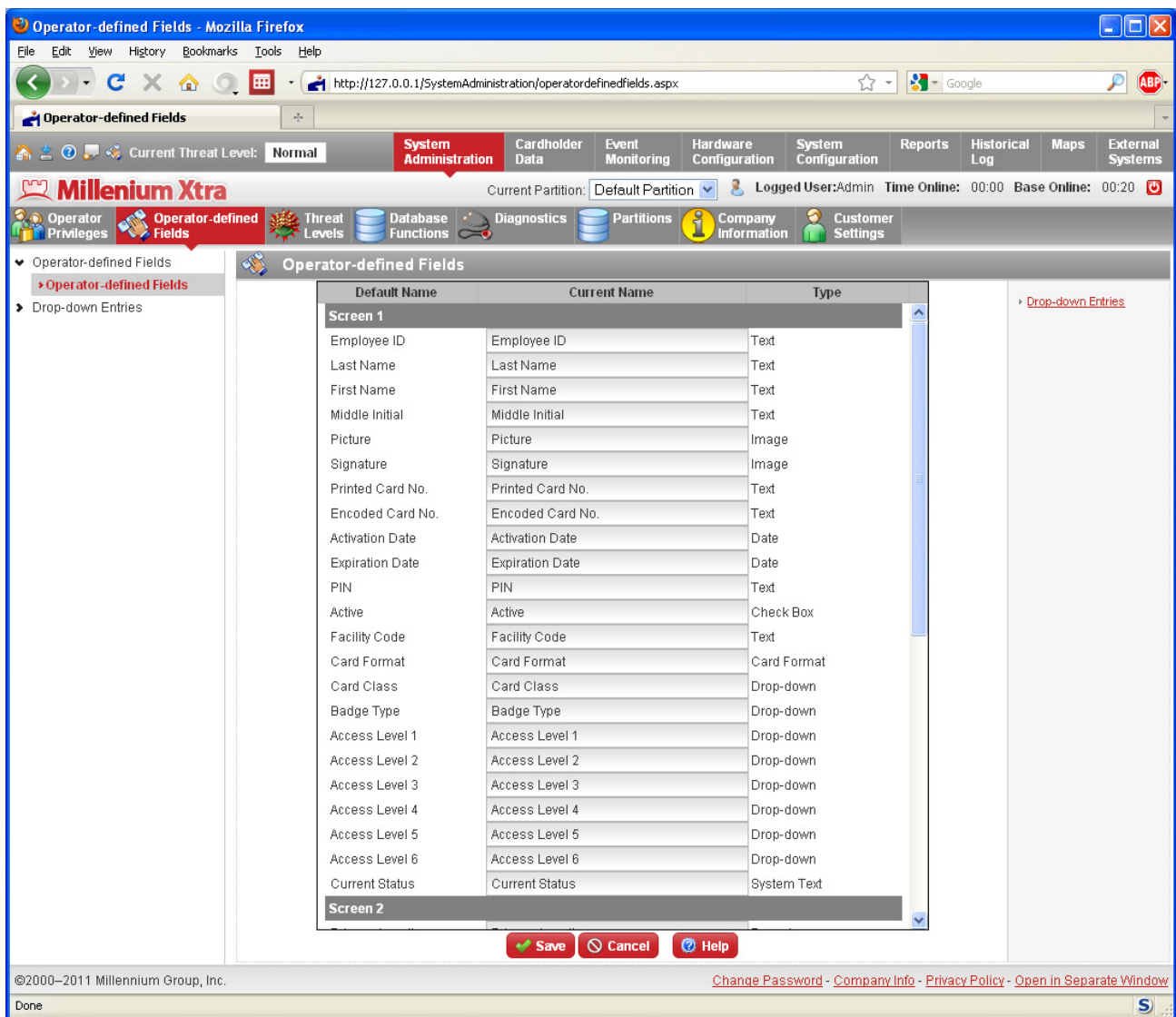
To view Edit Operator Privileges screen in List Mode, press  **List View** List View button.

In **List View** mode:

Select and click on the desired record. Press  **View** View button to view the Operator Privileges Settings for the selected record. The Operator Privileges screen will be displayed.

Press  **View Report** View Report button to view (or export / print) the detailed report about current status for all of the privileges items. The **Report** screen is completely described in the **Reports - Configuration Reports - Operator Level Privileges** section.

## System Administration - Operator-defined Fields



Operator-defined Fields are used everywhere in the Millenium Xtra System.

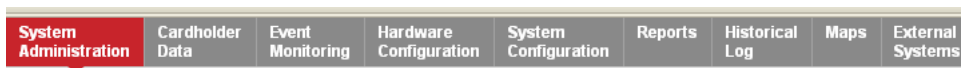
For example, there is a lot of fields in **Cardholder Data**, which may be defined manually by Millenium Xtra System operator.

Among them - Access Levels through 1 to 6, Parking Designation, Parking Assignment, Badge Print Date, Re-issue Date, License Plate No etc.

These names can be edited directly on the **Operator-defined Fields** screen. Some of the user-defined drop-down entries (which usually have not one but multiple values) also may be edited directly on the **Edit Drop-down Entries** screen.

For setting up Operator-defined Fields, please select "System Administration" **Top Menu** section and then – "Operator-defined Fields" tab in a **Horizontal Menu**.

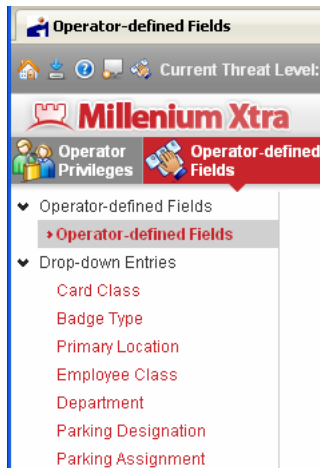
### Top Menu



## Horizontal Menu



## Left-side Menu



## Available Fields and their assignment:

The list of available user-defined fields and their corresponding data types is given below.

This list is divided into 3 screens (3 symbolic groups).

### Operator-defined Fields: (including Drop-downs, which are italicized)

#### Screen 1

- **Employee ID**                      **Text**
- **Last Name**                        **Text**
- **First Name**                       **Text**
- **Middle Initial**                   **Text**
- **Picture**                            **Image**
- **Signature**                        **Image**
- **Printed Card No.**                **Text**
- **Encoded Card No.**               **Text**
- **Activation Date**                 **Date**
- **Expiration Date**                **Date**
- **PIN**                                 **Text**
- **Active**                             **Check Box**
- *Card Class*                         *Drop-down*
- *Badge Type*                        *Drop-down*
- *Access Level 1*                   *Drop-down*
- *Access Level 2*                   *Drop-down*

- **Access Level 3**      **Drop-down**
- **Access Level 4**      **Drop-down**
- **Access Level 5**      **Drop-down**
- **Access Level 6**      **Drop-down**
- **Current Status**      **System Text**

#### Screen 2








- **Primary Location**      **Drop-down**
- **Employee Class**      **Drop-down**
- **Issue Date**      **Date**
- **Employment Date**      **Date**
- **Department**      **Drop-down**
- **Internal Phone**      **Text**
- **Supervisor**      **Text**
- **Master Area**      **Text**
- **Company E-Mail**      **URL/E-mail**
- **Comment 1**      **Text(256)**

#### Screen 3

- **ADA Shunt**      **Check Box**
- **Parking Designation** **Drop-down**
- **Parking Assignment** **Drop-down**
- **Re-issue Date**      **Date**
- **Badge Print Date**      **Date**
- **Vehicle Model**      **Text**
- **Vehicle Year**      **Text**
- **Vehicle Color**      **Text**
- **License Plate No.**      **Text**
- **Home E-Mail**      **URL/E-mail**
- **Comment 2**      **Text(256)**

### Available Buttons and their assignment:

There are following buttons available for the operator:

-  **Save / Update** Save / Update (Main screen) - Saves changes
-  **Drop-down Entries** Edit Drop-down Entries (Main screen) - For switching to Edit Drop-down Entries screen
-  **Cancel** Cancel (Main screen) - Cancels changes
-  **Add** Add (Edit Drop-down Entries screen) - for adding of a new entry into the table
-  **Edit** Edit (Edit Drop-down Entries screen) - for modification of necessary entry in the table
-  **Delete** Delete (Edit Drop-down Entries screen) - for removal of necessary entry from the table
-  **Move Field Up** Move Field Up (Edit Drop-down Entries screen) - for moving necessary entry one step up in the table

**Move Field Down** Move Field Down (Edit Drop-down Entries screen) - for moving necessary entry one step down in the table

Operator-defined Field can be edited directly in the **Current Name** column:

Default Name	Current Name	Type	
--------------	--------------	------	--

To edit necessary field, simply find the required record, place cursor into the Current Name column and edit the entry. After finishing, press **Save** Save button if you wish to save your changes. Press **Cancel** Cancel button, if you wish to cancel your changes.

If you press any other button then **Save** (without saving changes), you'll obtain the following popup message:



"Yes" - saves your changes, "No" - cancels your changes, "Cancel" - cancels your last action (pressing of a button or clicking anywhere in menu).

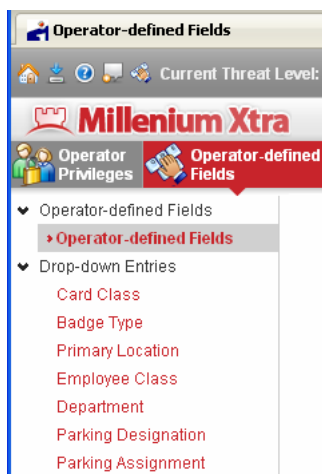
Operator also can change the names of drop-down fields here.

**Note:** This screen allows changing of drop-down fields' names, not their entries!

For changing of drop-down entries refer to the next section.

## Drop-down Entries

To edit drop-down entries, press [Drop-down Entries](#) Edit drop-down entries button or click on a required entry in the **Left-side Menu**:



The required entry resides inside one of the following groups -

### Drop-down Entries:

**Card Class**

**Badge Type**

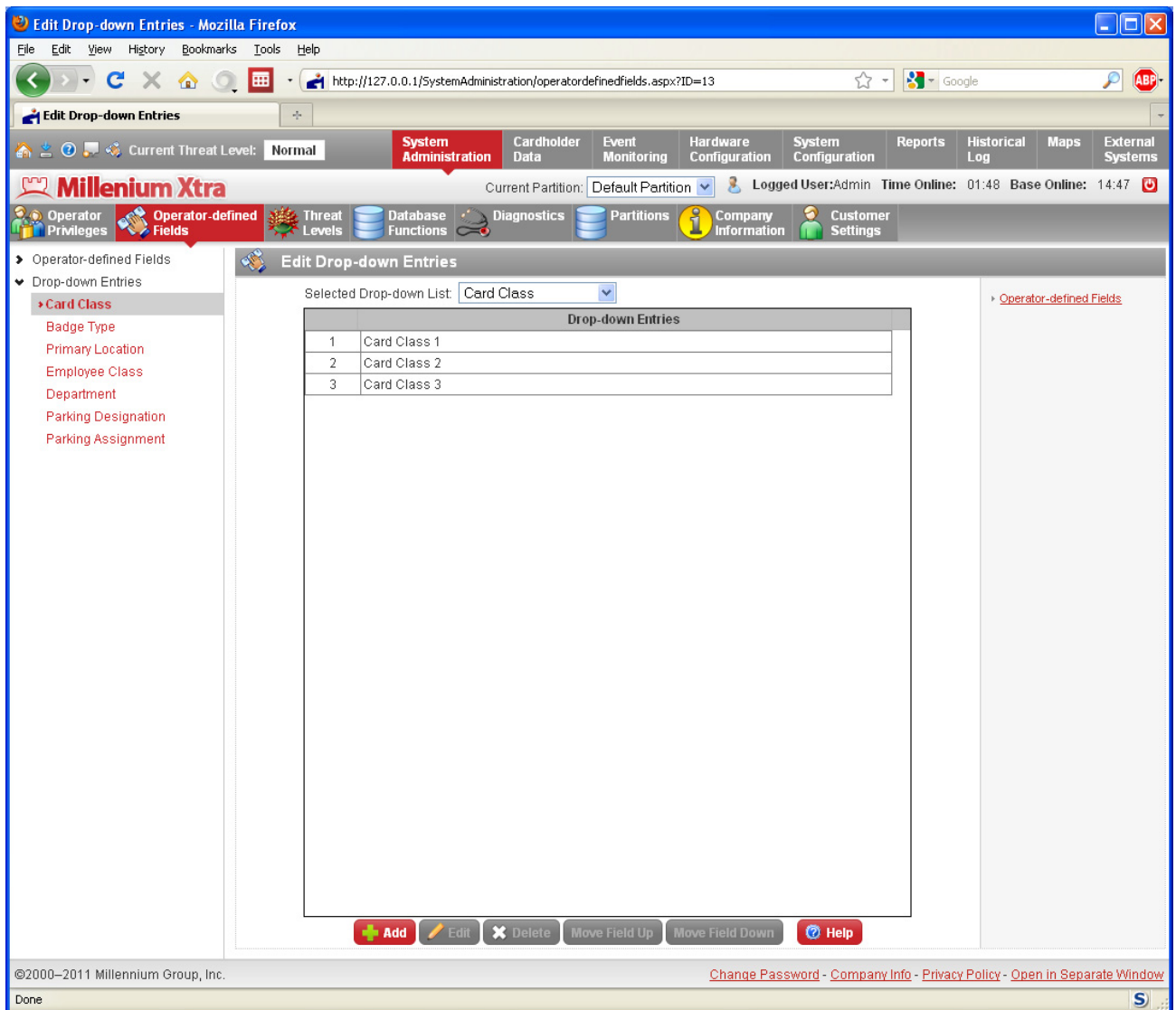
**Primary Location**

**Employee Class**

## Department

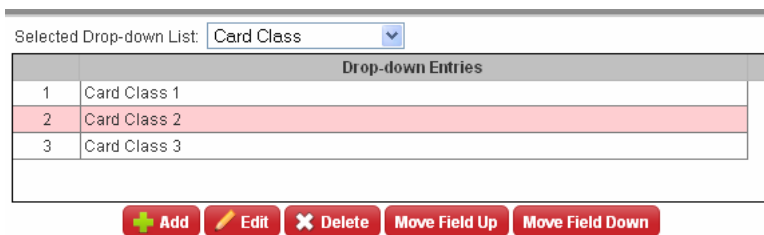
## Parking Designation

## Parking Assignment



**Card Class Group** - here operator can define necessary **Card Classes**, which then will be used by Millenium Xtra System.

Card classes may be created, edited, deleted with the help of Add, Edit, Delete buttons. Their display order (exactly like they will be shown inside corresponding drop-down lists), also may be revised with the help of .Move Field Up, Move Field Down buttons.





**Badge Type Group** - here operator can define necessary **Badge Types**, which then will be used by Millenium Xtra System.

Badge types may be created, edited, deleted with the help of Add, Edit, Delete buttons. Their display order (exactly like they will be shown inside corresponding drop-down lists), also may be revised with the help of .Move Field Up, Move Field Down buttons.

Selected Drop-down List: Badge Type

Drop-down Entries	
1	Badge Type 1
2	Badge Type 2
3	Badge Type 3

+ Add
✎ Edit
✕ Delete
↕ Move Field Up
↕ Move Field Down

**Primary Location Group** - here operator can define necessary **Primary Locations**, which then will be used by Millenium Xtra System.

Primary locations may be created, edited, deleted with the help of Add, Edit, Delete buttons. Their display order (exactly like they will be shown inside corresponding drop-down lists), also may be revised with the help of .Move Field Up, Move Field Down buttons.

Selected Drop-down List: Primary Location

Drop-down Entries	
1	Primary Location 1
2	Primary Location 2
3	Primary Location 3

+ Add
✎ Edit
✕ Delete
↕ Move Field Up
↕ Move Field Down

**Employee Class Group** - here operator can define necessary **Employee Classes**, which then will be used by Millenium Xtra System.

Employee Classes may be created, edited, deleted with the help of Add, Edit, Delete buttons. Their display order (exactly like they will be shown inside corresponding drop-down lists), also may be revised with the help of .Move Field Up, Move Field Down buttons.

Selected Drop-down List: Employee Class

Drop-down Entries	
1	Employee Class 1
2	Employee Class 2
3	Employee Class 3


+ Add
✎ Edit
✕ Delete
↕ Move Field Up
↕ Move Field Down




**Department Group** - here operator can define necessary **Departments**, which then will be used by Millenium Xtra System.

Departments may be created, edited, deleted with the help of Add, Edit, Delete buttons. Their display order (exactly like they will be shown inside corresponding drop-down lists), also may be revised with the help of .Move Field Up, Move Field Down buttons.

Selected Drop-down List: Department

Drop-down Entries	
1	Department 1
2	Department 2
3	Department 3












**Parking Designation Group** - here operator can define necessary **Parking Designations**, which then will be used by Millenium Xtra System.

Parking Designations may be created, edited, deleted with the help of Add, Edit, Delete buttons. Their display order (exactly like they will be shown inside corresponding drop-down lists), also may be revised with the help of .Move Field Up, Move Field Down buttons.

Selected Drop-down List: Parking Designation

Drop-down Entries	
1	Parking Designation 1
2	Parking Designation 2
3	Parking Designation 3












**Parking Assignment Group** - here operator can define necessary **Parking Assignments**, which then will be used by Millenium Xtra System.

Parking Assignments may be created, edited, deleted with the help of Add, Edit, Delete buttons. Their display order (exactly like they will be shown inside corresponding drop-down lists), also may be revised with the help of .Move Field Up, Move Field Down buttons.

Selected Drop-down List: Parking Assignment



Drop-down Entries	
1	Parking Assignment 1
2	Parking Assignment 2
3	Parking Assignment 3








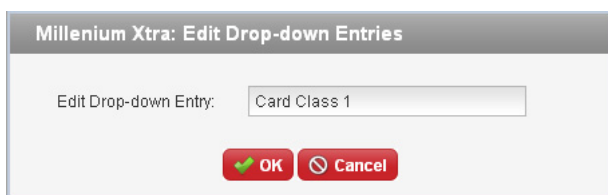
To add necessary entry inside one of the groups, press  Add button. Then fill the required entry. Then modify the required entry in the pop-up window as shown below:

Millenium Xtra: Edit Drop-down Entries

New Drop-down Entry:







To edit necessary entry inside one of the groups, select the required entry, click on it and press  Edit button. Then modify the required entry in the pop-up window as shown below:

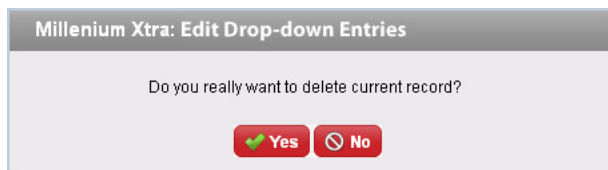


Millenium Xtra: Edit Drop-down Entries

Edit Drop-down Entry:



 


To delete necessary entry from one of the groups, select the required entry, click on it and press  Delete button. Delete Confirmation pop-up window will ask the operator to confirm his action.




Millenium Xtra: Edit Drop-down Entries

Do you really want to delete current record?

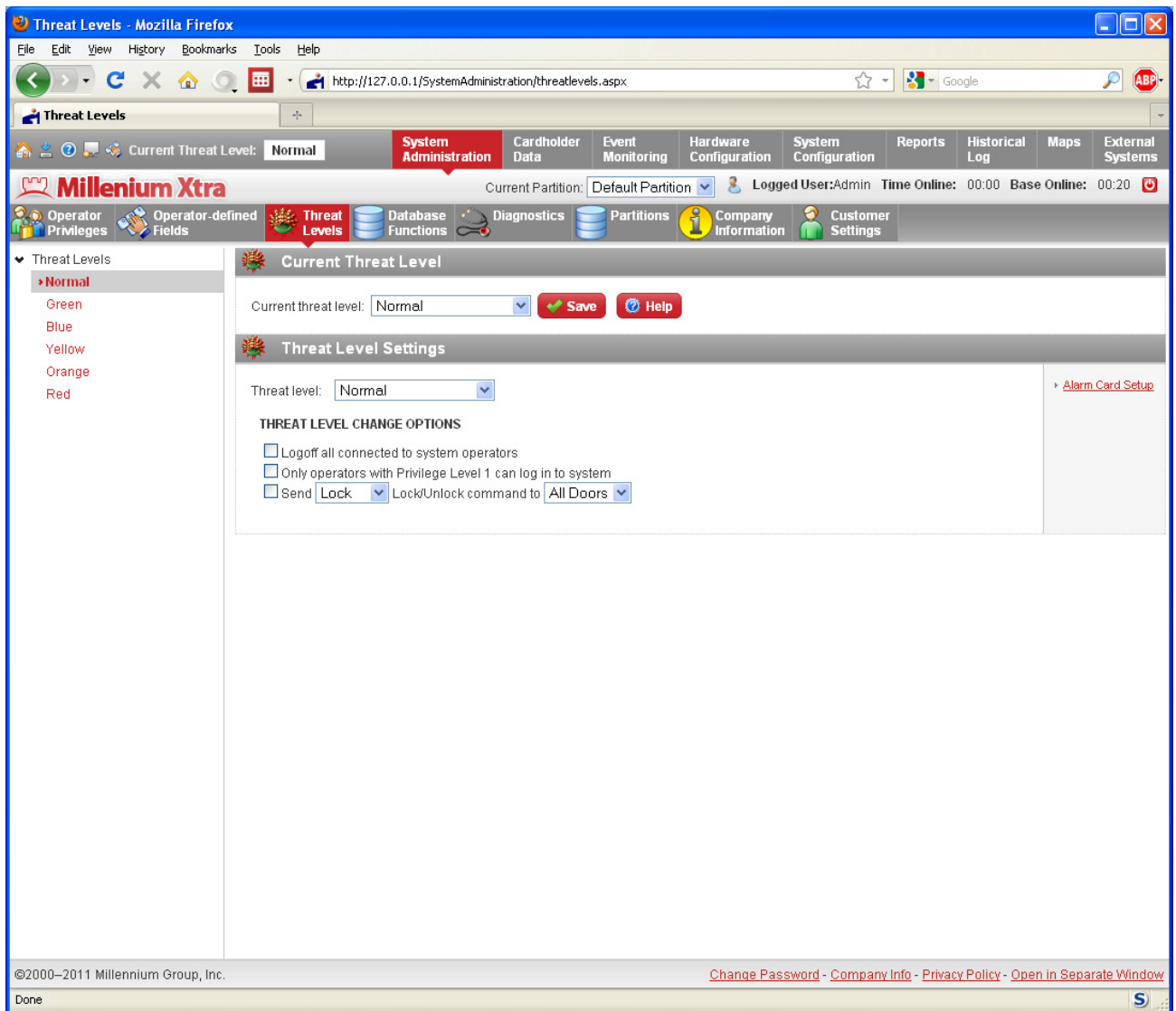
 

To move necessary entry one step up in the table, select the required entry, click on this entry and press  Move Field Up button. No popups will appear; the record only will be moved one step up.

To move necessary entry one step down in the table, select the required entry, click on this entry and press  Move Field Down button. No popups will appear; the record only will be moved one step down.

To return to Edit Operator-defined Fields screen, press Operator-defined Fields (  ) button.

## System Administration - Threat Levels



Here the Millenium Xtra Operator could set up:

- **Current Threat Level** for the System.
- Individual **Threat Level Settings** for each of the existing System Threat Levels.

To set up the **Current Threat Level** for the System - select the desired current threat level with the help of the "Current threat level" drop-down list. Press Save button. Current Threat Level is saved.

Click on the required Threat Level in the Left-side Menu or change the value of a "Threat level" drop-down list. Edit necessary fields among **Threat Level Change Options**.

### Available Fields and their assignment:

- "Logoff all connected to system operators" checkbox
- "Only operators with Privilege Level 1 can log in to system" checkbox

- "Send" checkbox
- "Lock/Unlock" drop-down list
- "All Doors" drop-down list

Here the Millenium Xtra Operator may:

- check/uncheck the "Logoff all connected to system operators" checkbox;
- check/uncheck the "Only operators with Privilege Level 1 can log in to system" checkbox;
- check/uncheck the "Send" checkbox. If this checkbox is checked, the Millenium Xtra Operator may enable sending Lock or Unlock command to "All Doors" when the threat condition will occur.
- select Lock or Unlock value for the command which will be sent to "All Doors"

### Available Buttons and their assignment.



There are following buttons available for the operator:


▶ [Alarm Card Setup](#) Alarm Card Setup button (for all Threat Level Groups)

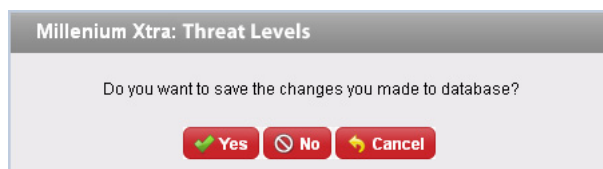
 Save Save button (for all Threat Level Groups except Normal)

 Cancel Cancel (for all Threat Level Groups except Normal)

Normal Group could not be edited, so Save and Cancel buttons for this group are not displayed.

After finishing, press  Save Save button if you wish to save your changes. Press  Cancel Cancel button, if you wish to cancel your changes.

If you press any other button then  Save (without saving changes), you'll obtain the following popup message:



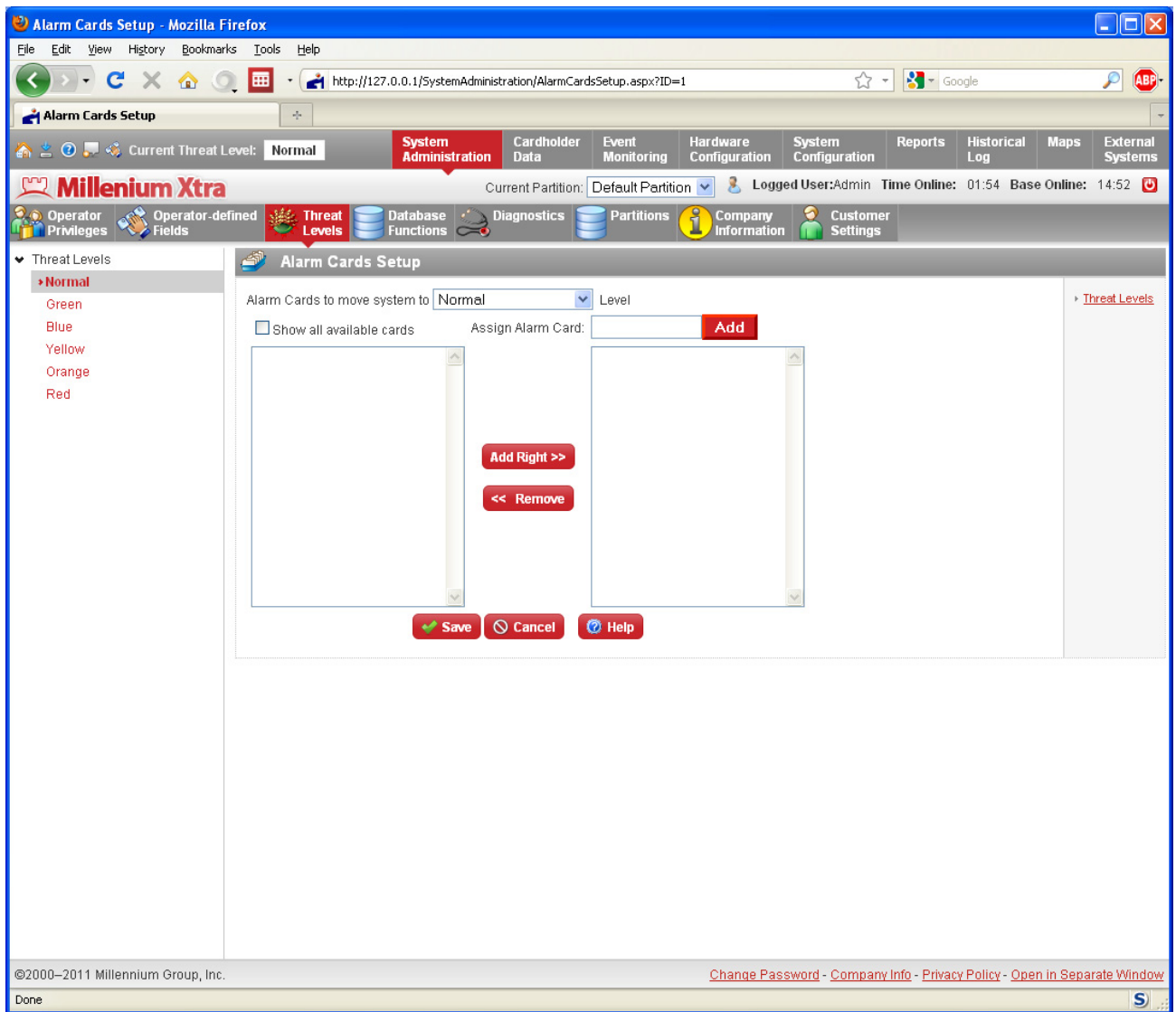
"Yes" - saves your changes, "No" - cancels your changes, "Cancel" - cancels your last action (pressing of a button or clicking anywhere in menu).

### Alarm Card Setup

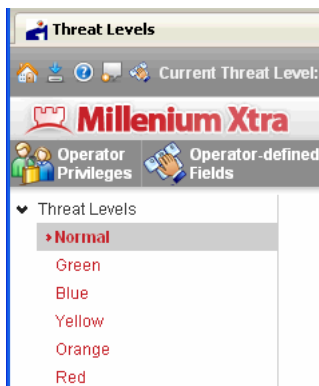
To set up alarm cards for different threat levels, please do the following.

1. Press ▶ [Alarm Card Setup](#) Alarm Card Setup button.

The screen will display look like this:



2. Choose the required threat level (select one from the drop-down list “Alarm Cards to move system to” or use the **Left-side Menu**)



3. Check the “Show all available cards” checkbox.  
All available cards will be shown in left window:

4. Select the required Card among available in the left-side window.

Press **Add Right >>** Add Right button to add the cardholder's card to selected threat level:

5. When the cardholder's card needs to be removed from the current threat level, select the required Card among available in the right-side window.

Press Remove button to remove the cardholder's card from selected threat level.

6. After finishing, press **Save** Save button if you wish to save your changes. Press **Cancel** Cancel button, if you wish to cancel your changes.

If you press any other button then **Save** Save (without saving changes), you'll obtain the following popup message:

"Yes" - saves your changes, "No" - cancels your changes, "Cancel" - cancels your last action (pressing of a button or clicking anywhere in menu).

7. To return to the main Threat Levels screen, press **Threat Levels** Threat Levels button.





## System Administration - Database Functions

The screenshot shows a web browser window titled "Import Cardholder Data - Mozilla Firefox" with the URL <http://127.0.0.1/SystemAdministration/databasefunctionimport.aspx>. The page features a top navigation bar with tabs: System Administration, Cardholder Data, Event Monitoring, Hardware Configuration, System Configuration, Reports, Historical Log, Maps, and External Systems. Below this is a secondary navigation bar with icons for Operator Privileges, Operator-defined Fields, Threat Levels, Database Functions (highlighted), Diagnostics, Partitions, Company Information, and Customer Settings. The main content area is titled "Import Cardholder Data" and includes a left sidebar with links: Import Cardholders Data, Export Cardholders Data, Database Backup Schedule, Restore Database, and Backup Settings. The main form contains sections for "DATA SOURCE" with input fields and "Browse..." buttons for Data Source File, Image Source File, and Sign Source File. Below this is the "SELECTED IMPORT FILE FORMAT" section with radio buttons for Comma delimited (selected), Tab delimited, XML, and ADO.NET Dataset. To the right is the "FIELD HEADERS" section with a checked checkbox for "Field headers are included in file". At the bottom of the form are "Send" and "Help" buttons. The footer includes copyright information "©2000–2011 Millennium Group, Inc." and links for Change Password, Company Info, Privacy Policy, and Open in Separate Window.

**Database Functions** screen is necessary for making quick and easy **Import / Export** of the Millenium Xtra Database, **Backing up** and **Restore** of the Millenium Xtra Database, and **Scheduling** of the Millenium Xtra Database backup processes. The Millenium Xtra Database Backup Settings may also be provided here.

### a) Importing Cardholders Data.

Importing Cardholders Data is necessary for making quick and easy update of the Millenium Xtra Database. Select **Import Cardholders Data** from the **Left-side Menu**.



To update the Millenium Xtra Database with new data, prepare your cardholder data file(-s) in one of the following formats:

- Comma delimited (text file, where data fields are delimited with Comma symbol.)
- Tab delimited (text file, where data fields are delimited with Tab symbol.)
- XML (file in convenient .XML format)
- ADO.NET Dataset (file in ADO.NET Dataset .XML format)

Three source files (Data Source file, Image Source file and Sign Source file) may be uploaded as they are or may be archived (using ZIP compression).

Image Source File and Sign Source File **must** be archived before uploading.

Field headers may be included or not included in your data source file (see the corresponding checkbox). All the fields' specifications and field types for data source files are discussed in **Addendum A**.

To import cardholder's data, please do the following.

- 1) Prepare your source file(-s). Note that Image Source File and Sign Source File must be ZIP archived.
  - 2) Press the first  Browse... button and select your local **Data Source File** (or ZIP archive). Press OK.
  - 3) Press the second  Browse... button and select your local ZIP archived **Image Source File**. Press OK.
  - 4) Press the third  Browse... button and select your local ZIP archived **Sign Source File**. Press OK.
  - 5) Please indicate the **Selected Import File Format** using one of Radio buttons.
  - 6) Please check or uncheck the "**Field headers are included in file**" checkbox using corresponding checkbox.
- Note:** The **Data Source File** (step 2) is mandatory. Steps 3) and 4) may be omitted.
- 7) Press  Send button.

The screen will look like this:

Import Cardholder Data - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://127.0.0.1/SystemAdministration/databasefunctionimport.aspx

Import Cardholder Data

Current Threat Level: Normal

System Administration Cardholder Data Event Monitoring Hardware Configuration System Configuration Reports Historical Log Maps External Systems

Millenium Xtra

Current Partition: Default Partition Logged User: Admin Time Online: 00:01 Base Online: 00:21

Operator Privileges Operator-defined Fields Threat Levels Database Functions Diagnostics Partitions Company Information Customer Settings

Import Cardholders Data

Export Cardholders Data

Database Backup Schedule

Restore Database

Backup Settings

Import Cardholder Data

DATA IMPORT RULES

☒ Update existing records when matched - plus add new ☐ Do not update matched records - add new only

☐ Only update matched records - do not add new

DATA FIELDS TO IMPORT

User Data Fields Available

Column4  
Column5  
Column6  
Column7  
Column8  
Column9  
Column10

System Data Fields Available

Employee ID  
Last Name  
First Name  
Middle Initial  
Primary Location  
Employee Class  
Issue Date

Add Remove Add all fields with matched names

Import Fields Map

User Field Name	System Field Name
-----------------	-------------------

Run Import Cancel Import

©2000–2011 Millennium Group, Inc. [Change Password](#) - [Company Info](#) - [Privacy Policy](#) - [Open in Separate Window](#)

Done

8) Indicate required Data Import Rules using one of three Radio buttons. You may select one of the following options:

- **Update existing records when matched - plus add new.** This option allows adding of new records as well as updating of the existing ones.
- **Do not update matched records - add new only.** This option allows only updating of the existing records. No adding of new records will be done.
- **Only update matched records - do not add new.** This option allows only adding of new records. No updating of the existing records will be done.

9) Indicate Data Fields required to Import to the Millenium Xtra Database and build the required **Import Fields Map**. The window displays available User Data Fields (left column) and System Data Fields Available (right column). The **Fields set** in left column depends on your prepared file and may contain the following entries:

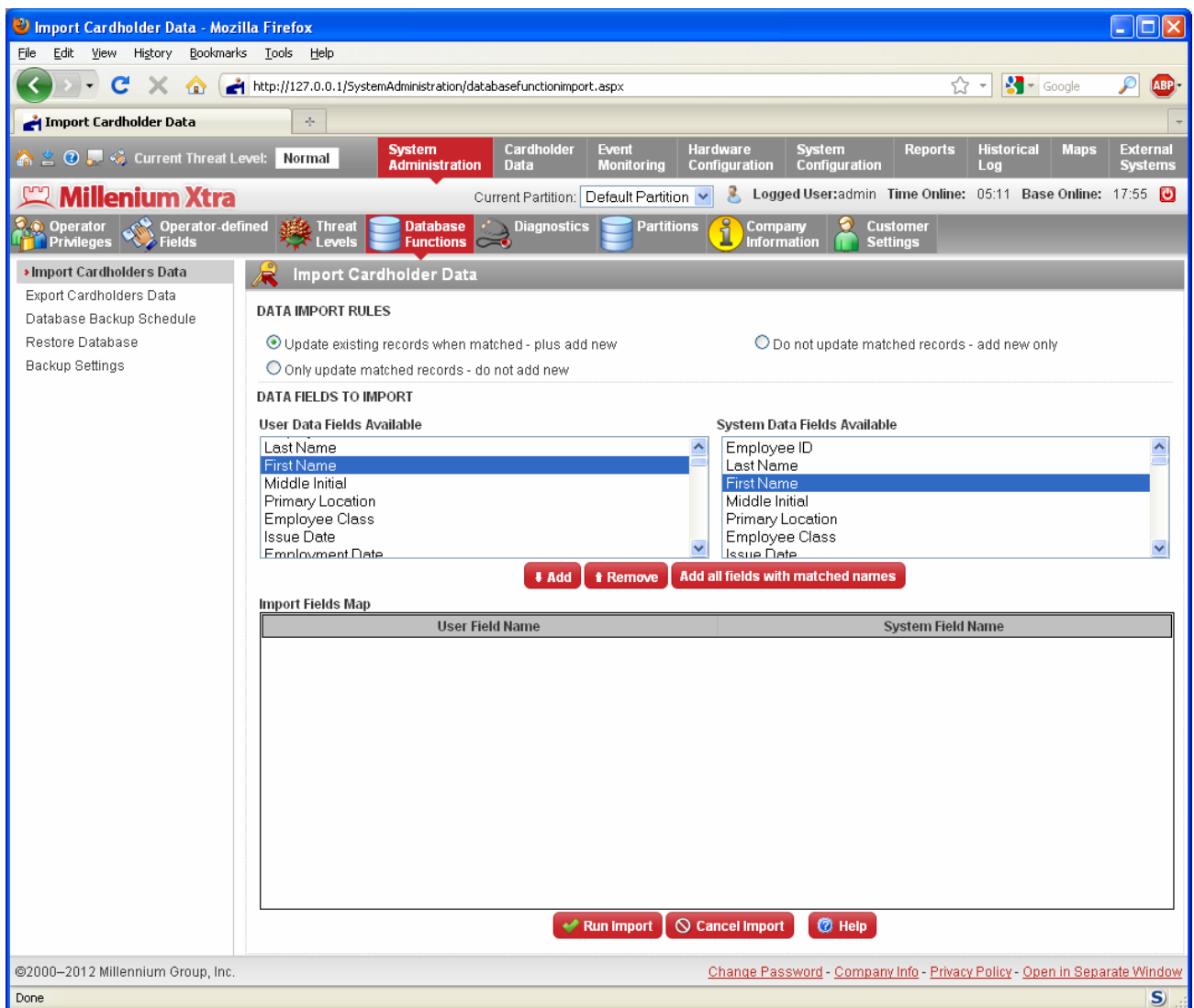
- Column1, Column2, Column3, Column4, Column5.

The **Fields set** in right column depends on your prepared file and may contain the following entries:

- Employee ID, Last Name, First Name, Middle Initial, Primary Location, Employee Class, Issue Date, Employment Date, Department, Internal Phone, Supervisor, Master Area, Company E-mail, Comment 1, ADA Shunt, Parking Designation, Parking Assignment, Re-issue Date, Badge Print Date, Vehicle Model, Vehicle Year, Vehicle Color, License Plate No., Home E-mail, Comment 2, Picture, Signature.
- Card 1 Printed Card No., Card 1 Encoded Card No., Card 1 Activation Date, Card 1 Expiration Date, Card 1 PIN, Card 1 Active, Card 1 Card Class, Card 1 Badge Type, Card 1 Access Level 1, Card 1 Access Level 2, Card 1 Access Level 3, Card 1 Access Level 4, Card 1 Access Level 5, Card 1 Access Level 6.
- Card 2 Printed Card No., Card 2 Encoded Card No., Card 2 Activation Date, Card 2 Expiration Date, Card 2 PIN, Card 2 Active, Card 2 Card Class, Card 2 Badge Type, Card 2 Access Level 1, Card 2 Access Level 2, Card 2 Access Level 3, Card 2 Access Level 4, Card 2 Access Level 5, Card 2 Access Level 6.
- Card 3 Printed Card No., Card 3 Encoded Card No., Card 3 Activation Date, Card 3 Expiration Date, Card 3 PIN, Card 3 Active, Card 3 Card Class, Card 3 Badge Type, Card 3 Access Level 1, Card 3 Access Level 2, Card 3 Access Level 3, Card 3 Access Level 4, Card 3 Access Level 5, Card 3 Access Level 6.

Select one of the fields inside left window and the corresponding one inside right window.

Both fields should be marked blue as shown below:

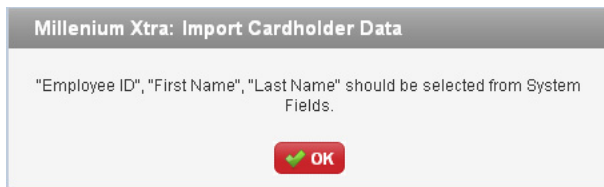



Then press **Add** Add button. The mapped items will appear in **Import Fields Map** window. Do this for all of the required fields (select conformities and press **Add** Add button for all of them). In case of wrong mapping, you may remove some mapped items from the bottom window. To remove one of the mappings, select this mapping and press **Remove** Remove button. The mapping will be removed.

10. In case when field names in left window are coincided with field names in right window (use **Addendum A** for reference purposes), the step 9 is not necessary or may be provided only for those fields which do not have equal names. Just press **Add all fields with matched names** "Add all fields with matched names" button and check the result in the **Import Fields Map**. Correct or add some of the mappings using step 9, if necessary.

11. When the mapping will be finished, press **Run Import** Run Import button to provide import. Pressing **Cancel Import** Cancel Import button cancels importing.

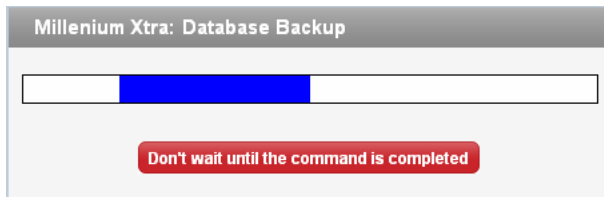
In case of erroneous mapping(-s), the popup will appear:



Follow the instructions and fix your errors. Press  Run Import button again.

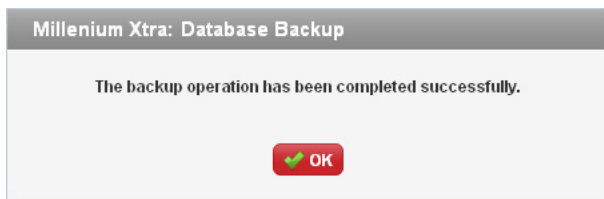
**Note:** To avoid mapping errors, please prepare your file(-s) strongly in accordance with instructions described in **Addendum A**.

In case of successful mapping(-s), the process of import will be initiated and the corresponding popup message will appear:



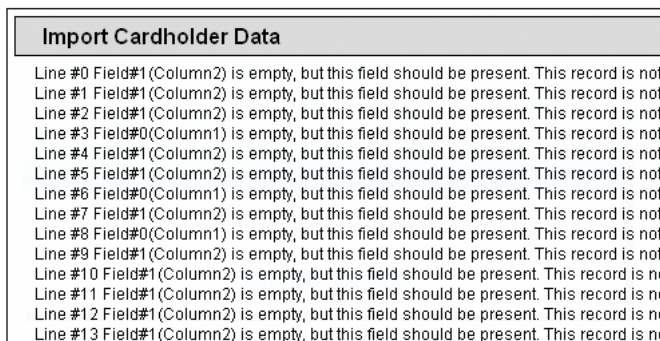
You may press the button “Don't wait...”; the Millenium Xtra System will inform you when the import process will be completed. Press the button and do all what you need.

After sending data to the Server, you will obtain the following popup message:



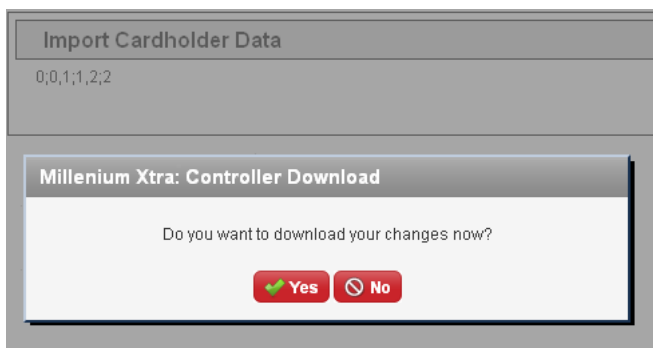
**Note:** The process of import is logged and this log will be displayed in the main import results window for every record which contains errors.

If the record **was not imported successfully**, the log line looks like this:



*Line #44 Field#0(Column1) is empty, but this field should be present. This record is not imported.*

If the record **was imported successfully**, the screen will look like this:



"Do you want to download your changes now?" popup window immediately appears.

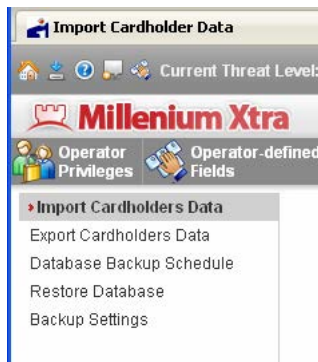
**Yes** - submits your import process, **No** - breaks your import process.

After pressing OK button , you will be prompted with this popup again:

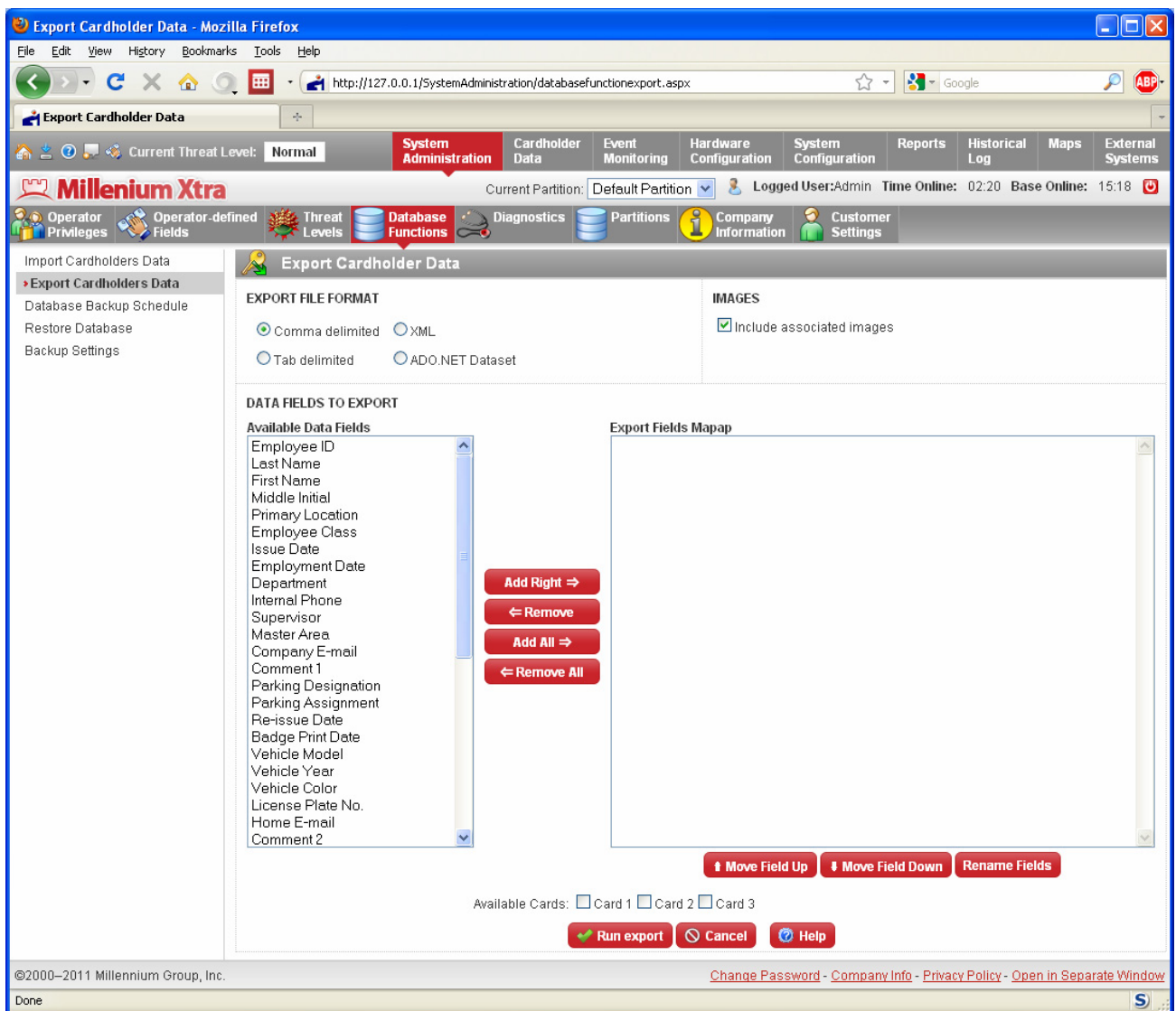
## b) Exporting Cardholders Data

Exporting Cardholders Data is necessary for making quick and easy snapshot of the Millenium Xtra Database for cardholders' data.

Select **Export Cardholders Data** from the **Left-side Menu**.



Your screen will look as this one:



Cardholders Data can be exported into one of the following formats:

- Comma delimited (text file, where data fields are delimited with Comma symbol.)
- Tab delimited (text file, where data fields are delimited with Tab symbol.)
- XML (file in convenient .XML format)
- ADO.NET Dataset (file in ADO.NET Dataset .XML format)

Necessary Data Fields can be chosen via "**Select Data Fields to Export:**" window located on the left side. Available Data Fields for export are presented below:

#### Available Data Fields

Employee ID, Last Name, First Name, Middle Initial, Picture, Signature, Printed Card No., Encoded Card No., Activation Date, Expiration Date, PIN Active, Card Class, Badge Type, Access Level 1, Access Level 2, Access Level 3, Access Level 4, Access Level 5, Access Level 6, Facility Code, Primary Location, Employee Class, Issue Date, Employment Date, Department, Internal Phone, Supervisor, Master Area, Company E-mail, Comment 1, ADA Shunt, Parking Designation, Parking Assignment, Re-issue Date,



Badge Print Date, Vehicle Model, Vehicle Year, Vehicle Color, License Plate No., Home E-mail, Comment 2.

These fields include **general cardholders' information fields** and **card-specific information fields**.

Card-specific information fields are the following:

Card 1 Printed Card No., Card 1 Encoded Card No., Card 1 Activation Date, Card 1 Expiration Date, Card 1 PIN, Card 1 Active, Card 1 Card Class, Card 1 Badge Type, Card 1 Access Level 1, Card 1 Access Level 2, Card 1 Access Level 3, Card 1 Access Level 4, Card 1 Access Level 5, Card 1 Access Level 6.

**Images** may be included or not included in your exported file (see the corresponding checkbox).

All the fields' specifications and field types for data source files are discussed in **Addendum A**.

For Exporting Cardholders Data, please do the following.

- 1) Select the required **Text Export File Format** among 4 available (see above).
- 2) Check "**Include associated images**" checkbox if images associated with cardholders' data should be exported.
- 3) Select **Data Fields to Export** (provide the Export Fields Map).  
Use Add Right, Remove, Add All, Remove All buttons to provide your selection:

Add Right ⇒

Add All ⇒

⇐ Remove

⇐ Remove All

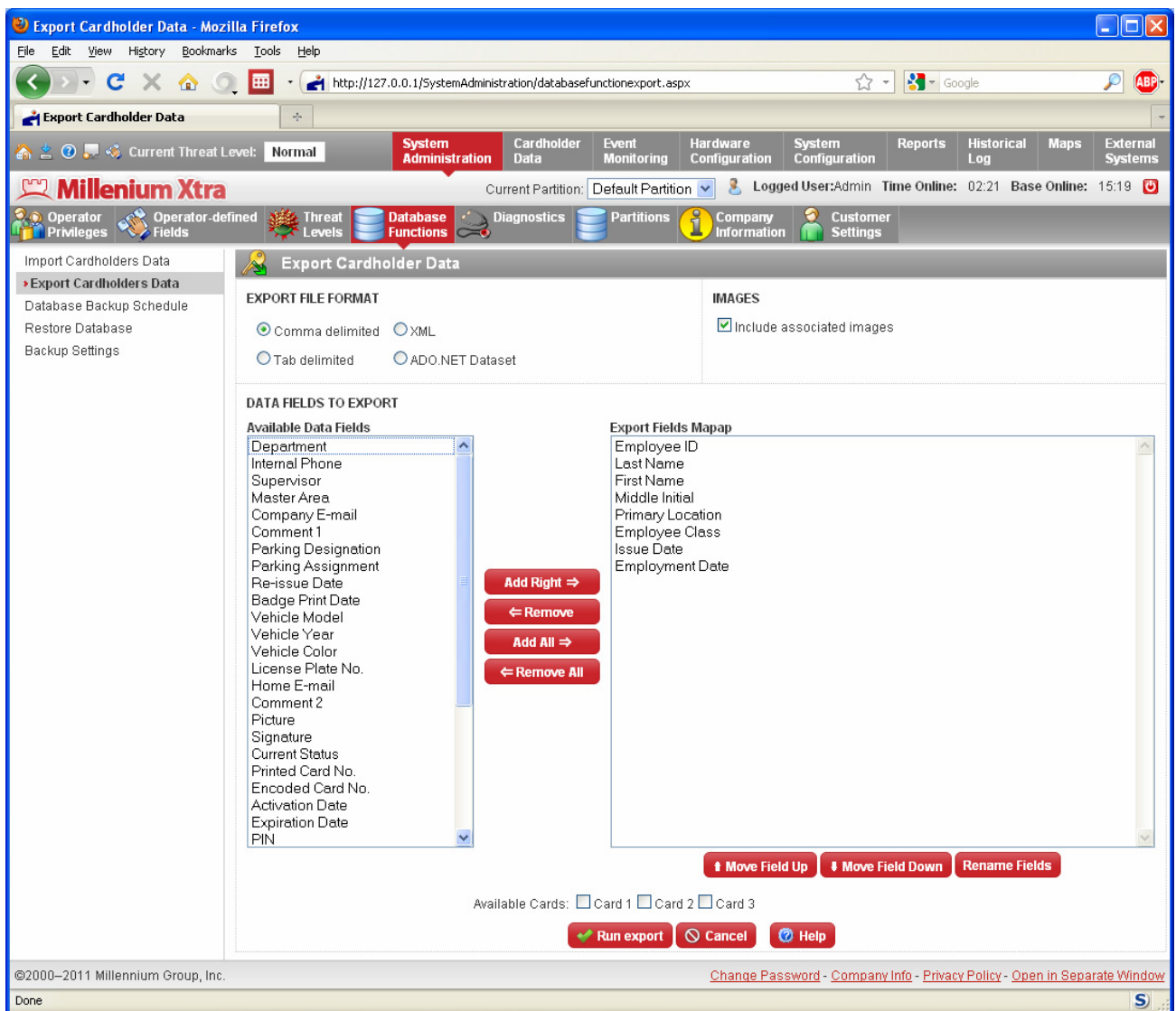
- 4) Check the required cards among available in your system, using the corresponding checkboxes.

**Note:** card-specific information fields will be output for every cardholder as many times as many cards you'll check. So, if there are three cards on your system, all of the card-specific information fields (provided in your export map) will be exported strictly according to the number of checked cards.

- 5) Select any of the fields in the Export Fields Map window. Use buttons Move Field Up, Move Field Down, Rename Field to change the order of fields in your output file and to rename some fields if necessary.

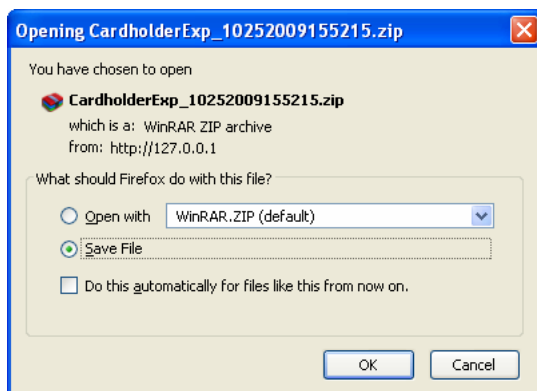
If you wish to rename the field, select it in the Export Fields Map window and press the Rename Field button. If you wish to move the selected field one step up, press the Move Field Up button. If you wish to move the selected field one step down, press the Move Field Down button.

**Note:** This step is not necessary.



6) Press Run Export button.

7) The exported file will be prompted to be opened with the appropriate program (WinZIP, etc.) or to be saved according to your current internet browser settings and current OS settings.



Choose the required action, and then press OK to save (or open) exported file or press Cancel to cancel the export operation.

8) Exported file name has the following syntaxis:

**CardholderExp\_10202009165354.zip**, where "CardholderExp\_" is the prefix, "mmddyyyyhhmmss" is the date and time of export, ".zip" is the file's extension.

### c) Database Backup Schedule

**Database Backup** is necessary for making quick and easy backup copies of the whole Millenium Xtra Database. This backup may also be **scheduled** according to your needs.

Select **Database Backup Schedule** from the **Left-side Menu**.

The screenshot shows the 'Database Backup Schedule' web application. The browser window title is 'Database Backup Schedule - Mozilla Firefox'. The address bar shows 'http://127.0.0.1/SystemAdministration/DatabaseSchedule.aspx?ID=4'. The application has a top navigation bar with tabs: System Administration, Cardholder Data, Event Monitoring, Hardware Configuration, System Configuration, Reports, Historical Log, Maps, and External Systems. Below this is a secondary navigation bar with icons for Operator Privileges, Operator-defined Fields, Threat Levels, Database Functions (selected), Diagnostics, Partitions, Company Information, and Customer Settings. The main content area is titled 'Database Backup Schedule' and contains 'SCHEDULER SETTINGS'. Under 'Scheduler Type', 'One Time' is selected, 'Periodic' is unselected, and 'Task Enabled' is checked. Below these are input fields for 'On date: 4/3/2011' and 'At time: 12:00:00 AM', with a checkbox for 'Delete on successfully finished'. A row of buttons includes 'Perform Backup Now', 'Clear / New', 'Add / Update', 'Delete Selected', and 'Help'. Below the buttons is a table of scheduled backups:

Start Date	End Date	Time	S	M	T	W	T	F	S	Day	P/O	Enabled
4/1/2011	-	12:00:00 AM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	O	<input checked="" type="checkbox"/>
4/2/2011	-	12:00:00 AM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	O	<input checked="" type="checkbox"/>
4/3/2011	-	12:00:00 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-	O	<input checked="" type="checkbox"/>

At the bottom of the interface, there is a footer with copyright information: '©2000–2011 Millennium Group, Inc.' and links for 'Change Password', 'Company Info', 'Privacy Policy', and 'Open in Separate Window'. The status bar at the very bottom shows 'Done'.

Press **Perform Backup Now** button if you wish to make the backup manually.

Use Scheduler settings: window controls to schedule backups according to your needs.

#### Scheduler Type:

**One Time** Radio button - for making one-time scheduled backup.

**Periodic** Radio button - for making periodic scheduled backups.

**Task Enabled** checkbox - If checked, the current task is enabled.

**On date:** field - for the date of database backup selection. Click here and the Calendar popup will appear:

The screenshot shows a web form titled "Database Backup Schedule". Under "Scheduler settings:", the "Scheduler Type" has two radio buttons: "One Time" (selected) and "Periodic". Below this is the "On date:" field with the value "10/6/2009". A "Delete" checkbox is also present. A calendar popup is displayed, showing "October, 2009". The calendar grid has days of the week as columns and dates as rows. The date "6" is highlighted. At the bottom of the calendar, it says "Today: October 25, 2009".

Select the required date.

**At time:** field - for the time of database backup selection. Select the required time.

**Delete on successfully finished** checkbox - If checked, the current task will be deleted from scheduler after successful run.

If **Periodic** Radio button is chosen, two windows will appear:

**Run On Day:**

Sunday, Monday, Tuesday, Wednesday, Thursday, Friday, Saturday or Day of Month.

Select the desired option (check the appropriate checkbox)

**Occurs:** - has also two options.

**Once at** - input the time to run backup once.

**Every** - see the explanation below.

If **Every** option is chosen, following controls will appear:


**Hour(s) / Minute(s)** Combo box - select the desired unit


**Starting at:** field - input the "starting at" time for the backup here

**Ending at:** field - input the "ending at" time for the backup here

**Note:** Minutes values can be entered in the range of 1 to 1440;

Hours values can be entered in the range of 1 to 23.

Press  **Clear / New** Clear/New button if your current Database Backup Schedule values were input incorrectly.

Press  **Add / Update** Add/Update button if you wish to save your current Database Backup Schedule.  
Saved schedule items appear in the bottom part of a screen.

Database Backup Schedule - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://127.0.0.1/SystemAdministration/DatabaseSchedule.aspx?ID=4

Database Backup Schedule

Current Threat Level: Normal

System Administration Cardholder Data Event Monitoring Hardware Configuration System Configuration Reports Historical Log Maps External Systems

Millenium Xtra

Current Partition: Default Partition Logged User: Admin Time Online: 02:26 Base Online: 15:24

Operator Privileges Operator-defined Fields Threat Levels Database Functions Diagnostics Partitions Company Information Customer Settings

Import Cardholders Data  
Export Cardholders Data  
Database Backup Schedule  
Restore Database  
Backup Settings

Database Backup Schedule

SCHEDULER SETTINGS

Scheduler Type: ☐ One Time ☒ Periodic ☒ Task Enabled

Start Date: 4/5/2011 ☒ No End Date

RUN ON DAY

☐ Sunday ☐ Wednesday ☐ Saturday  
☐ Monday ☐ Thursday ☒ Day of Month  
☐ Tuesday ☐ Friday

OCCURS

Every: 1 Hour(s) Starting at: 00:00:00 AM  
Ending at: 00:01:00 AM

Perform Backup Now Clear / New Add / Update Delete Selected Help

Start Date	End Date	Time	S	M	T	W	T	F	S	Day	P/O	Enabled
4/1/2011	-	12:00:00 AM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	O	<input checked="" type="checkbox"/>
4/2/2011	-	12:00:00 AM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	O	<input checked="" type="checkbox"/>
4/3/2011	-	12:00:00 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-	O	<input checked="" type="checkbox"/>

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Done

The operator could not edit saved schedule items, they could only be deleted.

Press **Delete Selected** button if you wish to delete the selected (in the bottom part of a screen) Database Backup Schedule item.

Confirmation popup will ask if you want to remove item:

Millenium Xtra: Database Backup Schedule

Do you want to delete selected schedule?

Yes No

Do you want to delete selected schedule?

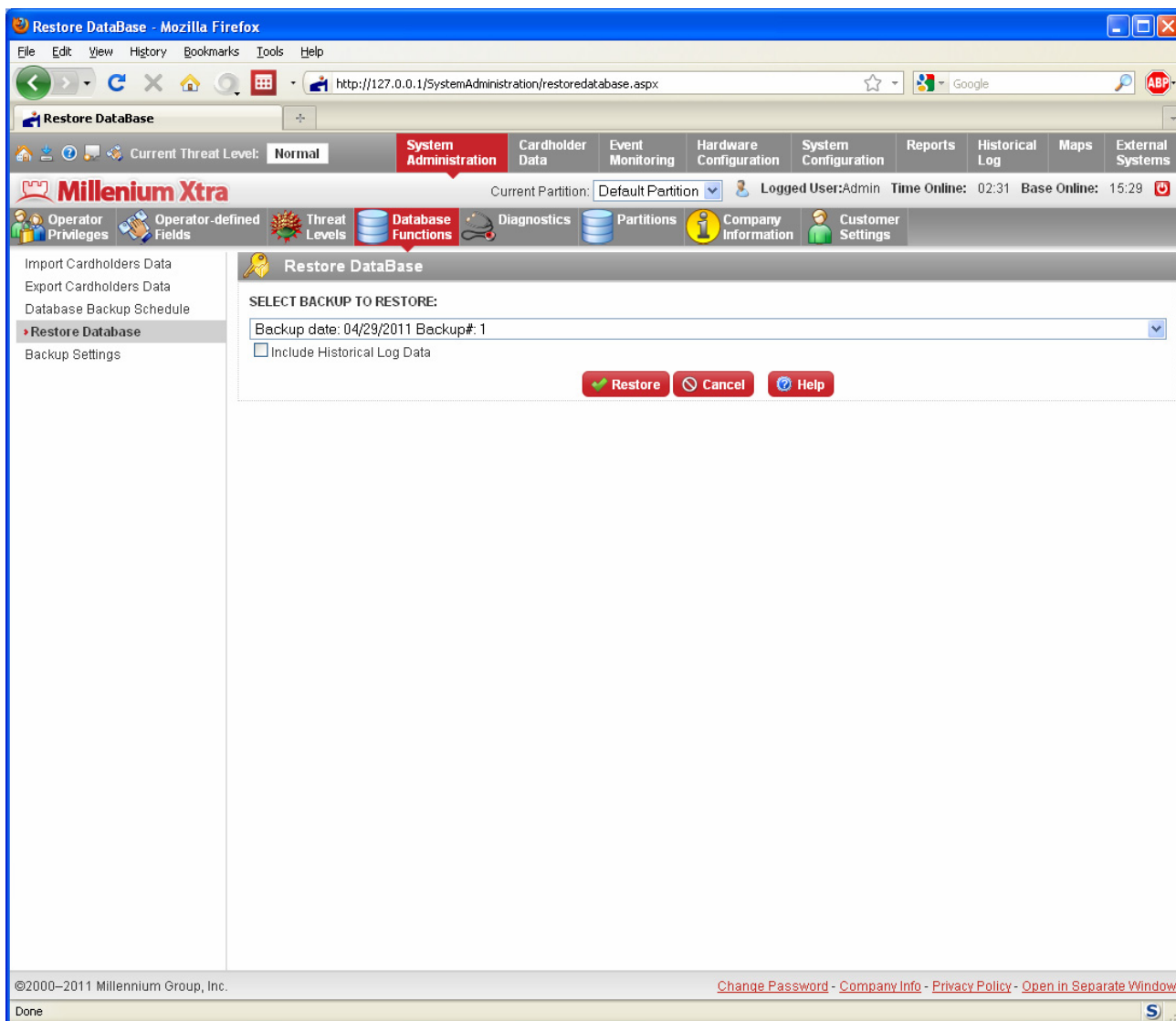
"Yes" – confirms delete operation, "No" - cancels delete operation.

**Note:** If "Delete on successfully finished" is checked, the successfully performed schedule items will be deleted automatically.

## d) Restore Database


This is necessary if you wish to restore the Millenium Xtra Database from one of the earlier-performed backups. Select **Restore Database** from the **Left-side Menu**.


The screen will display:



Select one of the available backups using corresponding Combo box.

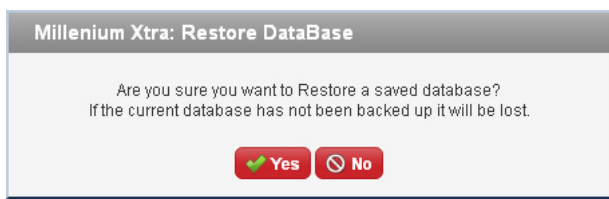
If you wish to include Historical Log Data, check the corresponding checkbox.

 **Restore** Restore button - restores the selected Millenium Xtra Database.

 **Cancel** Cancel button - cancels your selection.

Press the  **Restore** button to restore the selected Millenium Xtra Database.

Confirmation popup will appear:



Are you sure you want to Restore a saved database? If the current database has not been backed up it will be lost.

"Yes" - restores database to one of the selected backups. "No" - cancels operation.

## e) Backup Settings

There are following **Backup Settings** in the Millenium Xtra System:

- **Backup Folder**

**Backup Folder** - folder for backup copies on your server (for example, \\Server\Backup\ - where \\Server is the server name). Millenium Xtra Operator may input the necessary path directly into the corresponding field.

**Note:** Backup Folder is required field. If it will be empty or incorrect, the page could not be saved.

- **Backup image settings**

**Process backup without cardholder images** - check this checkbox to disable backing up of cardholder images.

**Process backup without floor map images** - check this checkbox to disable backing up of floor map images.

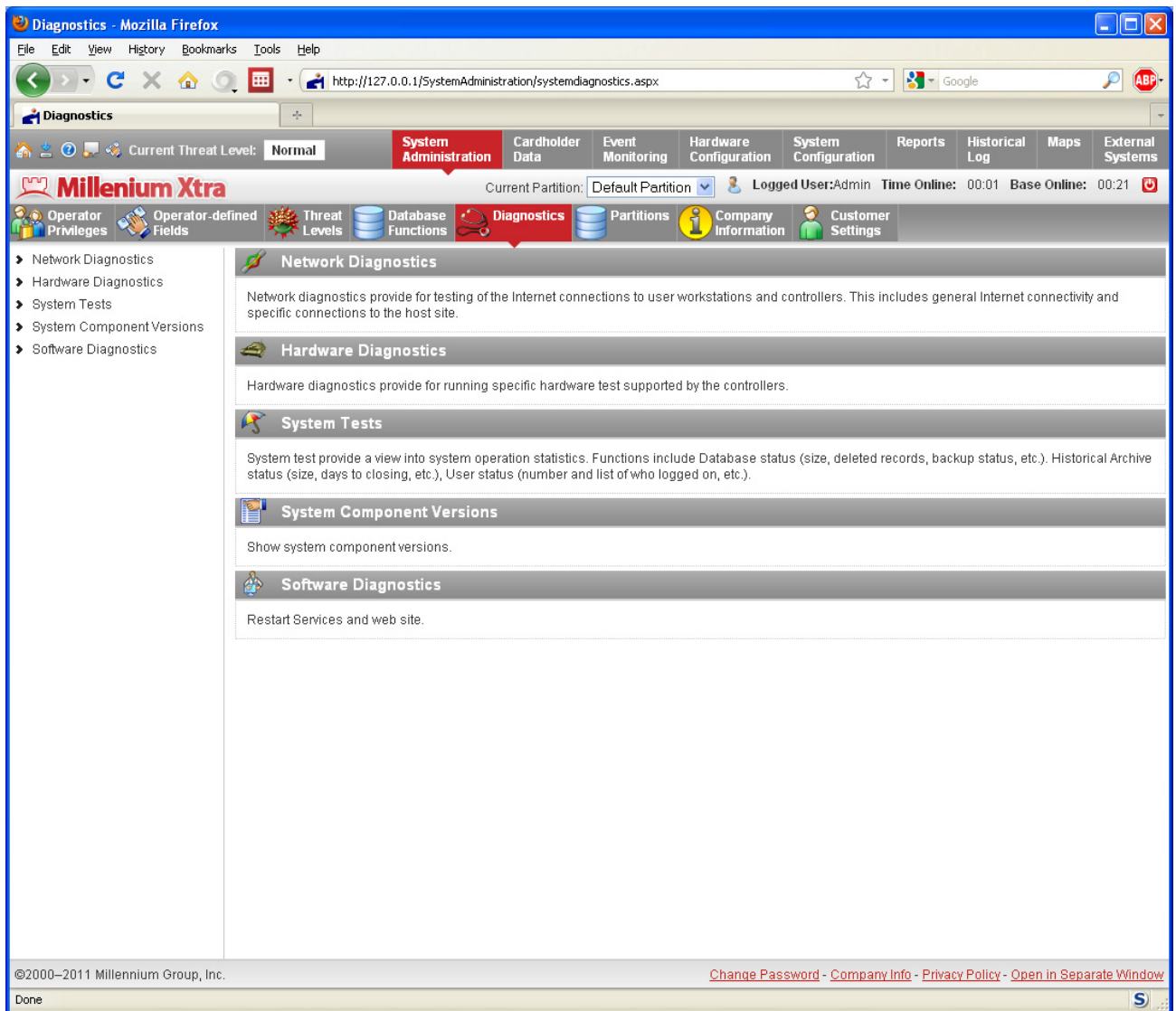
- **Historical Log Time Limit**

Delete Log Entries after: \_\_\_\_ Months \_\_\_\_Days

Input the value here to enable the Millenium Xtra System remove old logs automatically.



## System Administration - Diagnostics



All available Millenium Xtra System Diagnostic tools are placed inside five groups.

The Millenium Xtra System Diagnostics includes following screens:

### Network Diagnostics

- Server Ping

### Hardware Diagnostics

- Reset Controller
- Firmware Report
- Firmware Download

### System Tests

- Database Size
- Historical Log Size

- Event Generator

#### System Component Versions

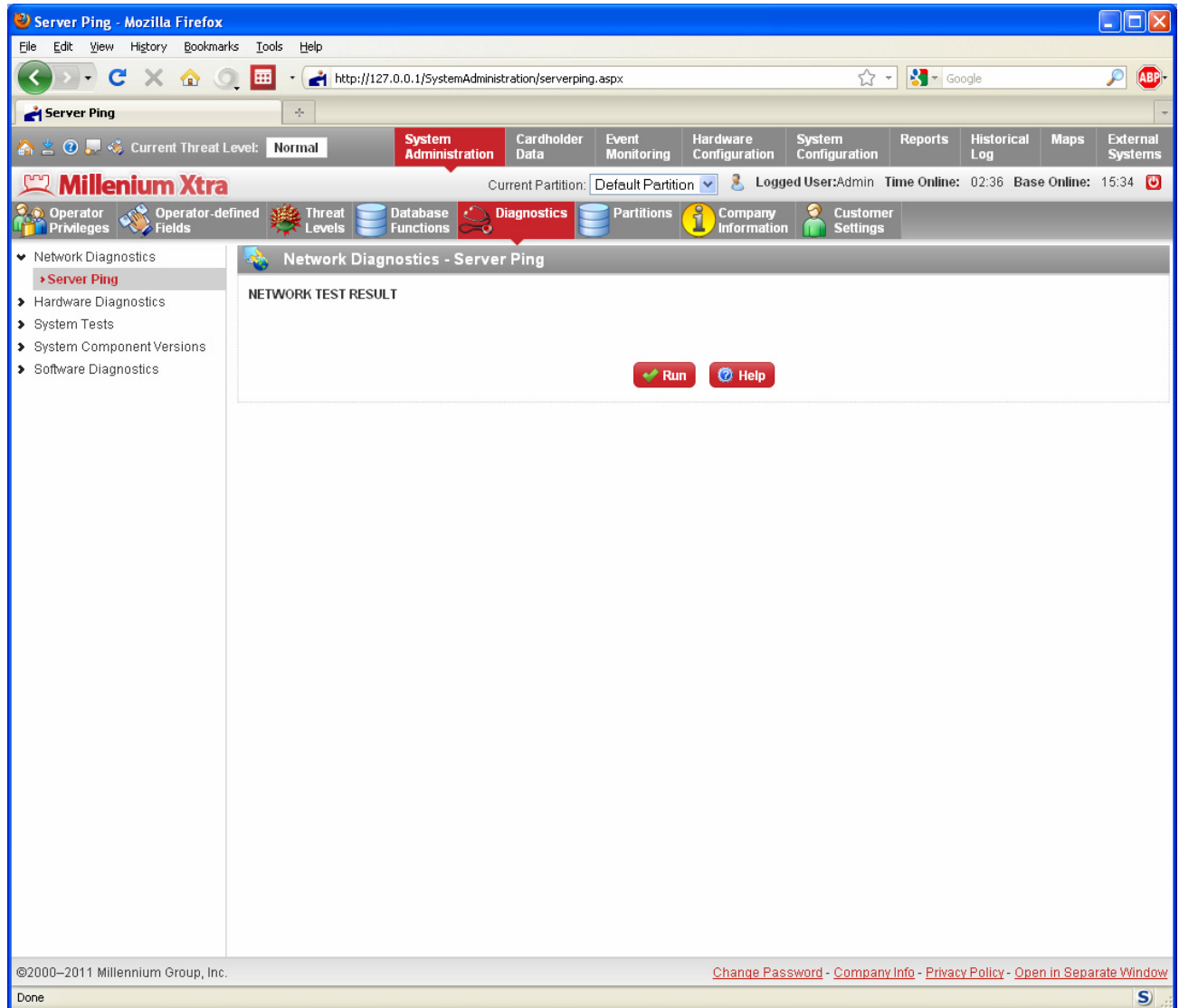
- Component Versions

#### Software Diagnostics

- Restart Services
- Restart Millenium Xtra web site

### Network Diagnostics

Network diagnostics is provided for testing of the Internet connections to user workstations and controllers. This includes general Internet connectivity and specific connections to the Millenium Xtra host site.



### Hardware Diagnostics

Hardware diagnostics is provided for running specific hardware tests supported by controllers. These tests can include communications test, memory test, software version checks and time/date checks.

Reset Controller - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://127.0.0.1/SystemAdministration/resetcontroller.aspx

Reset Controller

Current Threat Level: **Normal**

**System Administration** Cardholder Data Event Monitoring Hardware Configuration System Configuration Reports Historical Log Maps External Systems

**Millenium Xtra** Current Partition: Default Partition Logged User: Admin Time Online: 02:37 Base Online: 15:35

Operator Privileges Operator-defined Fields Threat Levels Database Functions **Diagnostics** Partitions Company Information Customer Settings

Network Diagnostics  
Hardware Diagnostics  
    **Reset Controller**  
System Tests  
System Component Versions  
Software Diagnostics

**Hardware Diagnostics - Reset Controller**

Selected Controller: Controller-1

**Run** **Help**

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Done

**Hardware Diagnostics - Firmware Report**

Selected Controller: Controller-1

Controller Firmware Information: Querying Firmware Report. Wait a moment, please...

**Hardware Diagnostics - Firmware Download**

Selected Controller: Controller-1

Firmware File:  Browse...

Controller Firmware Information:

Run

## System Tests

System tests provide a view into system operation statistics. Functions include Database status (size, deleted records, backup status, etc.). Historical Archive status (size, days to closing, etc.), User status (number and list of who logged on, etc.).

The screenshot shows a web browser window titled "Database Size - Mozilla Firefox" displaying the Millennium Xtra System Administration interface. The address bar shows the URL `http://127.0.0.1/SystemAdministration/databasesize.aspx`. The interface features a top navigation bar with tabs for System Administration, Cardholder Data, Event Monitoring, Hardware Configuration, System Configuration, Reports, Historical Log, Maps, and External Systems. Below this is a secondary navigation bar with icons for Operator Privileges, Operator-defined Fields, Threat Levels, Database Functions, Diagnostics (selected), Partitions, Company Information, and Customer Settings. The main content area is titled "System Tests - Database Size" and displays "DATABASE SIZE" with the text "Current Database Size: 9.188 Mb". A "Help" button is visible below the size information. The left sidebar contains a tree view with categories like Network Diagnostics, Hardware Diagnostics, System Tests (expanded), and Software Diagnostics. The footer includes copyright information for Millennium Group, Inc. and links for Change Password, Company Info, Privacy Policy, and Open in Separate Window.

The screenshot displays the Millenium Xtra web application interface within a Mozilla Firefox browser window. The browser's address bar shows the URL `http://127.0.0.1/SystemAdministration/historicallogsize.aspx`. The application's header includes a navigation menu with tabs such as System Administration, Cardholder Data, Event Monitoring, Hardware Configuration, System Configuration, Reports, Historical Log, Maps, and External Systems. The 'System Administration' tab is active, and the 'Diagnostics' sub-tab is selected. The main content area is titled 'System Tests - Historical Log Size' and displays the 'DATABASE SIZE' section, indicating a 'Current Historical Log Size: 3.250 Mb'. A 'Help' button is visible in the bottom right of the content area. The left sidebar contains a tree view with categories like Network Diagnostics, Hardware Diagnostics, System Tests (expanded), and Software Diagnostics. The footer of the application shows the copyright notice '©2000–2011 Millennium Group, Inc.' and links for 'Change Password', 'Company Info', 'Privacy Policy', and 'Open in Separate Window'.

Historical Log Size - Mozilla Firefox

File Edit View History Bookmarks Tools Help

`http://127.0.0.1/SystemAdministration/historicallogsize.aspx`

Historical Log Size

Current Threat Level: **Normal**

**System Administration** Cardholder Data Event Monitoring Hardware Configuration System Configuration Reports Historical Log Maps External Systems

**Millenium Xtra** Current Partition: Default Partition Logged User: Admin Time Online: 02:39 Base Online: 15:37

Operator Privileges Operator-defined Fields Threat Levels Database Functions **Diagnostics** Partitions Company Information Customer Settings

Network Diagnostics  
Hardware Diagnostics  
System Tests  
Database Size  
**Historical Log Size**  
Event Generator  
System Component Versions  
Software Diagnostics

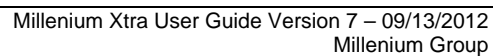
**System Tests - Historical Log Size**

**DATABASE SIZE**  
Current Historical Log Size: 3.250 Mb

Help

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Done



Events/Alarms Display - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://127.0.0.1/EventMonitoring/

Events/Alarms Display

Current Threat Level: **Normal**

System Administration Cardholder Data **Event Monitoring** Hardware Configuration System Configuration Reports Historical Log Maps External Systems

Millenium Xtra

Current Partition: Default Partition Logged User: Admin Time Online: 02:50 Base Online: 15:48

Events/Alarms Display Cardholder's Data Operator Control Controller Download Image Verification

View Alarms (0) Install External AM View Live Video Enable Image Verification Full Screen

Event Monitor (24) Event Filter: All Events

Time	Category	Name	Status	Origin
4/29/2011 3:48:16 PM GMT +03:00	Cardholder	Frank Alberts (Card #1)	Admitted	Controller-2-Door-1
4/29/2011 3:48:12 PM GMT +03:00	Cardholder	Frank Alberts (Card #1)	Admitted	Controller-1-Door-1
4/29/2011 3:48:09 PM GMT +03:00	Cardholder	Charles Daniels (Card #2)	Admitted	Controller-1-Door-1
4/29/2011 3:48:07 PM GMT +03:00	Output	Controller-1-RCD-1 Supervisor Relay	Activated	
4/29/2011 3:48:04 PM GMT +03:00	Cardholder	Charles Daniels (Card #2)	Denied access, it is not proper time period	Controller-1-Door-1
4/29/2011 3:48:04 PM GMT +03:00	Output	Controller-1-RCD-1 Supervisor Relay	Deactivated	
4/29/2011 3:47:49 PM GMT +03:00	Output	Controller-1-RCD-1 Supervisor Relay	Deactivated	
4/29/2011 3:47:49 PM GMT +03:00	Cardholder	Frank Alberts (Card #1)	Denied access, it is not proper time period	Controller-1-Door-1
4/29/2011 3:47:47 PM GMT +03:00	Output	Controller-1-RCD-1 Supervisor Relay	Activated	
4/29/2011 3:47:47 PM GMT +03:00	Cardholder	Frank Alberts (Card #1)	Denied access, it is not proper time period	Controller-1-Door-1
4/29/2011 3:47:39 PM GMT +03:00	Output	Controller-1-RCD-1 Supervisor Relay	Activated	
4/29/2011 3:47:37 PM GMT +03:00	Output	Controller-2-RCD-1 Supervisor Relay	Activated	
4/29/2011 3:47:34 PM GMT +03:00	Cardholder	Charles Daniels (Card #2)	Admitted	Controller-1-Door-1
4/29/2011 3:47:32 PM GMT +03:00	Cardholder	Charles Daniels (Card #2)	Denied access, it is not proper time period	Controller-1-Door-1
4/29/2011 3:47:19 PM GMT +03:00	Cardholder	Frank Alberts (Card #1)	Denied access, it is not proper time period	Controller-1-Door-1
4/29/2011 3:47:14 PM GMT +03:00	Output	Controller-1-RCD-1 Supervisor Relay	Deactivated	
4/29/2011 3:47:10 PM GMT +03:00	Output	Controller-1-RCD-1 Supervisor Relay	Deactivated	
4/29/2011 3:47:07 PM GMT +03:00	Output	Controller-1-RCD-1 Supervisor Relay	Activated	
4/29/2011 3:46:59 PM GMT +03:00	Output	Controller-1-RCD-1 Supervisor Relay	Activated	
4/29/2011 3:46:59 PM GMT +03:00	Cardholder	Charles Daniels (Card #2)	Denied access, it is not proper time period	Controller-1-Door-2
4/29/2011 3:46:52 PM GMT +03:00	Output	Controller-2-RCD-1 Supervisor Relay	Activated	
4/29/2011 3:46:40 PM GMT +03:00	Cardholder	Frank Alberts (Card #1)	Denied access, it is not proper time period	Controller-1-Door-1
4/29/2011 3:46:35 PM GMT +03:00	Cardholder	Frank Alberts (Card #1)	Admitted	Controller-1-Door-1
4/29/2011 12:58:20 PM GMT +03:00	Operator	ADMIN	Operator logged on	

Operator logged on

View Event Detail Clear All Events Log Message

Event Filter Operator Control Print

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Waiting for 127.0.0.1...

## System Component Versions

Shows system component versions.



System Component Versions - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://127.0.0.1/SystemAdministration/componentversions.aspx

System Component Versions

Current Threat Level: Normal

System Administration Cardholder Data Event Monitoring Hardware Configuration System Configuration Reports Historical Log Maps External Systems

Millenium Xtra

Current Partition: Default Partition Logged User: admin Time Online: 04:30 Base Online: 17:14

Operator Privileges Operator-defined Fields Threat Levels Database Functions Diagnostics Partitions Company Information Customer Settings

Network Diagnostics

Hardware Diagnostics

System Tests

System Component Versions

Component Versions

Software Diagnostics

System Component Versions

**MILLENNIUM XTRA PACKAGE VERSION**

Installed update version:	2.0.2.27
Database version:	2.0.2.27
Web site version:	2.0.2.27
iAccess Startup service version:	2.0.2.27
iAccess Scheduler service version:	2.0.2.27
Routing Manager service version:	2.0.2.27
ExTask Manager service version:	2.0.2.27
Controller Manager	2.0.2.27
Millenium Communicator	2.0.2.27
CBoard Communicator	2.0.2.27

**OS VERSION**

Microsoft Windows NT 5.1.2600 Service Pack 3

The number of processors: 1

**SQL SERVER VERSION**

Edition: Express Edition with Advanced Services, Instance name: SOLEXPRESS

Version: 10.50.1600.1, Product Level: RTM

**IIS VERSION**

Microsoft-IIS/5.1

**CCTV INFORMATION**

Not Configured

Help

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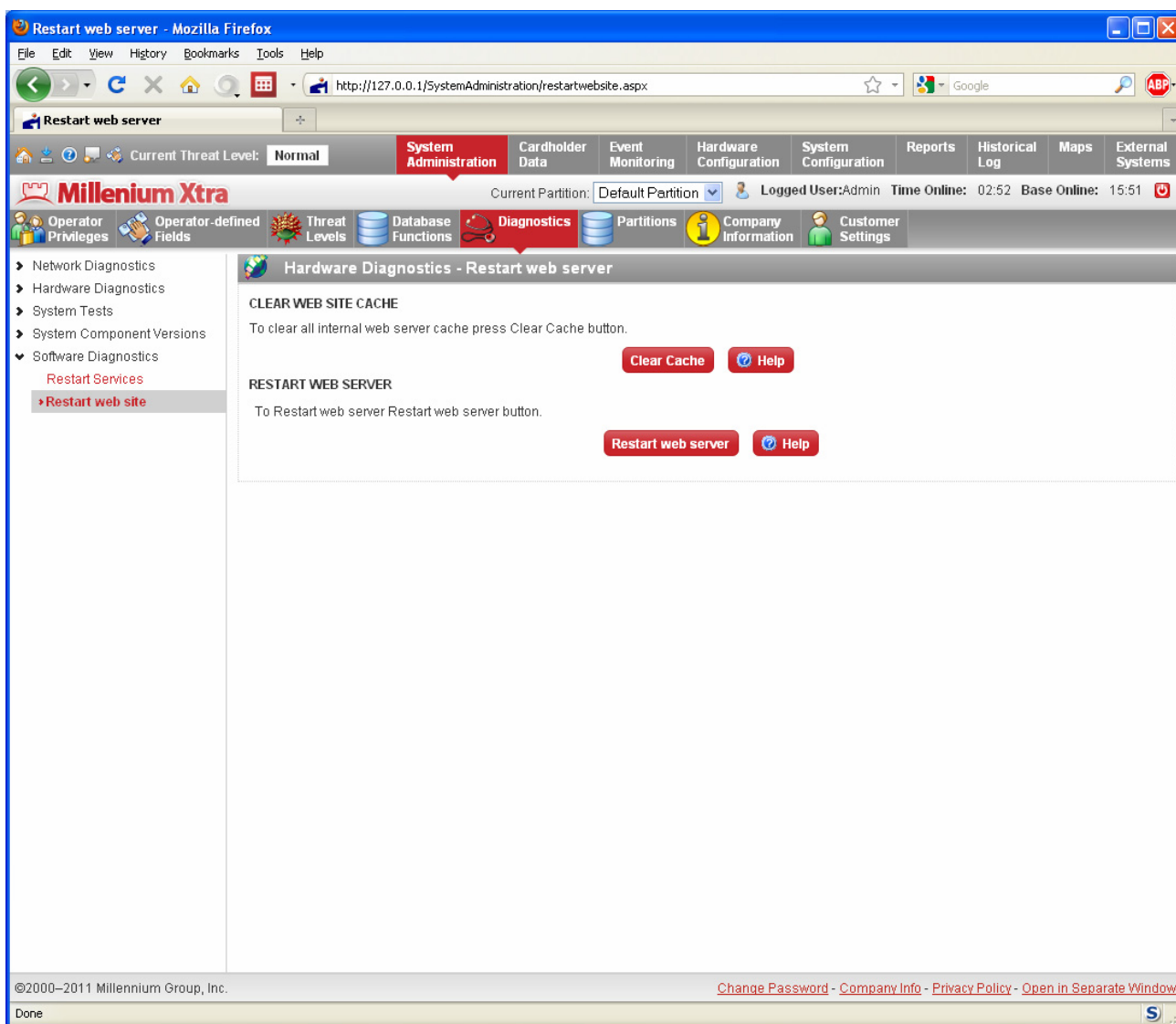
Done

## Software Diagnostics

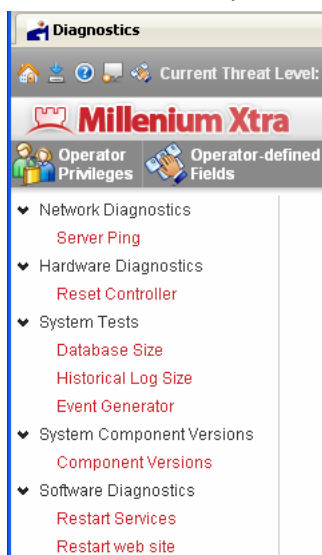
Restart Services and Millenium Xtra web site.



The screenshot shows the Millenium Xtra System Administration web application running in Mozilla Firefox. The browser's address bar displays the URL `http://127.0.0.1/SystemAdministration/restartservices.aspx`. The application's interface includes a top navigation bar with tabs for System Administration, Cardholder Data, Event Monitoring, Hardware Configuration, System Configuration, Reports, Historical Log, Maps, and External Systems. Below this is a secondary navigation bar with icons for Operator Privileges, Operator-defined Fields, Threat Levels, Database Functions, Diagnostics (highlighted), Partitions, Company Information, and Customer Settings. The main content area is titled "Software Diagnostics - Restart Services" and contains the following text: "Press RESTART button to restart Millenium Xtra services on the server. You will be redirected to the login page and must login again. Please, wait about 2 minutes prior to login." Below the text are two buttons: "Restart" and "Help". A left sidebar lists navigation options: Network Diagnostics, Hardware Diagnostics, System Tests, System Component Versions, and Software Diagnostics (expanded), with "Restart Services" selected. The footer of the application shows the copyright notice "©2000–2011 Millennium Group, Inc." and links for "Change Password", "Company Info", "Privacy Policy", and "Open in Separate Window". The browser's status bar at the bottom indicates "Done".



To run one of the specific tests, choose the required diagnostic tool from the **Left-side Menu**.



- Choose Network Diagnostics - **Server Ping** to test your communication with server.

Press  Run button.

Network Test Result is shown below:

*Server Ping Statistic (min/avg/max): 1 / 2.2 / 4 ms*

- Choose Hardware Diagnostics - **Reset Controller** to reset your controller(-s).

Select the required Controller (among available for current System in the Selected Controller: Combo box)


Press  Run button. View the results below.

*Reset Controller successful*

Test results will also be written to the system log and can be viewed in the Events Alarm / Display screen.

- Choose Hardware Diagnostics - **Firmware Report** to view the firmware report.

Select the required Controller (among available for current System in the Selected Controller: Combo box)

Press  Run button. View the results below.


*Controller Firmware Information:*

*Querier Firmware Report. Wait a moment, please...*



*xxxx-xxx*

- Choose Hardware Diagnostics - Hardware Diagnostics - **Firmware Download** to update your firmware.

Select the required Controller (among available for current System in the Selected Controller: Combo box)

Press  Run button. View the results below.

**Note:** **Firmware File** is required.

Browse for your Firmware File. If the "**Firmware File:**" field is empty, error message will be obtained immediately after pressing  button. Upload your Firmware File. Press  Run button again. View the results below.

*Controller Firmware Information:*

*Querier Firmware Report. Wait a moment, please...*

*xxxx-xxx*

In case of any kind of error(-s), all the error messages will be displayed in red, for example

*Error querier Firmware Report. May be controller is off-line*

- Choose System Tests - **Database Size**

This information is displayed immediately as shown below:

*Database size: Current Database Size: 7.750 Mb*

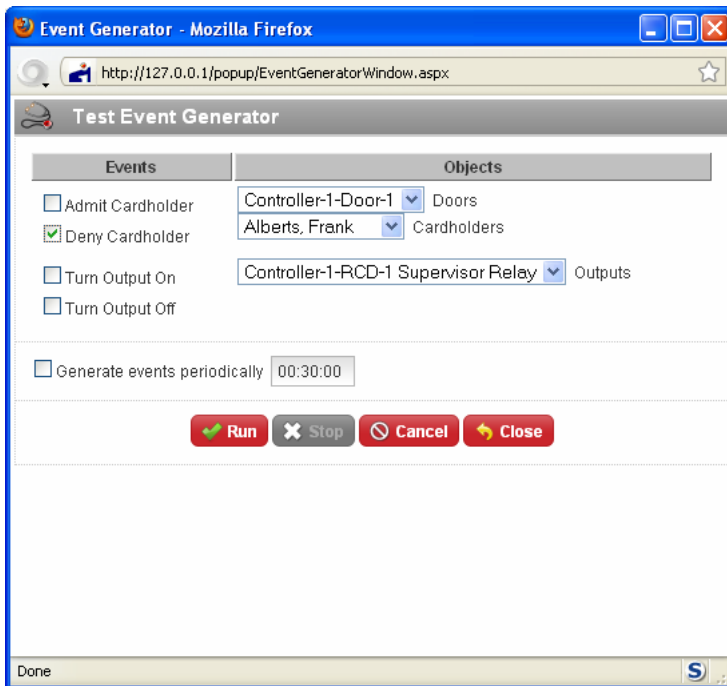
- Choose System Tests - **Historical Log Size**

This information is displayed immediately as shown below:

*Historical Log Size: Current Historical Log Size: 3.250 Mb*

- Choose System Tests – **Events Generator** to invoke different system events.

Separate browser window will open immediately:



Select required event(-s) and choose appropriate settings. Press Run button.

You will be redirected to Events / Alarm Display screen, where all of the performed events can be found.

- System Tests - **System Component Versions**

This information is displayed immediately as shown below:

*Millenium Xtra package version*

*2.0.0*

*OS version*

*Microsoft Windows NT 5.1.2600 Service Pack 2*

*The number of processors: 1*

*SQL Server version*

*Edition: Express Edition with Advanced Services, Instance name:SERVER*

*Version:10.0.1600.22, Product Level:RTM*


*IIS version*

*Microsoft-IIS/5.1*


*CCTV Information*

*CCTV enabled*

- Choose Hardware Diagnostics - **Restart Services**


Press  **Restart** button to restart Millenium Xtra services on the server. You will be redirected to the login page and must login again. Please, wait about 2 minutes prior to login.

- Choose Hardware Diagnostics - **Restart Millenium Xtra web server**

To clear all internal web server cache press  **Clear Cache** button.

Clearing of the web site cache operation will be performed.

After succesful completion, "Internal web server cache was cleared" message will be displayed.

To Restart Millenium Xtra web server press  Restart web server button.

Restarting of the Millenium Xtra web server operation will be performed.

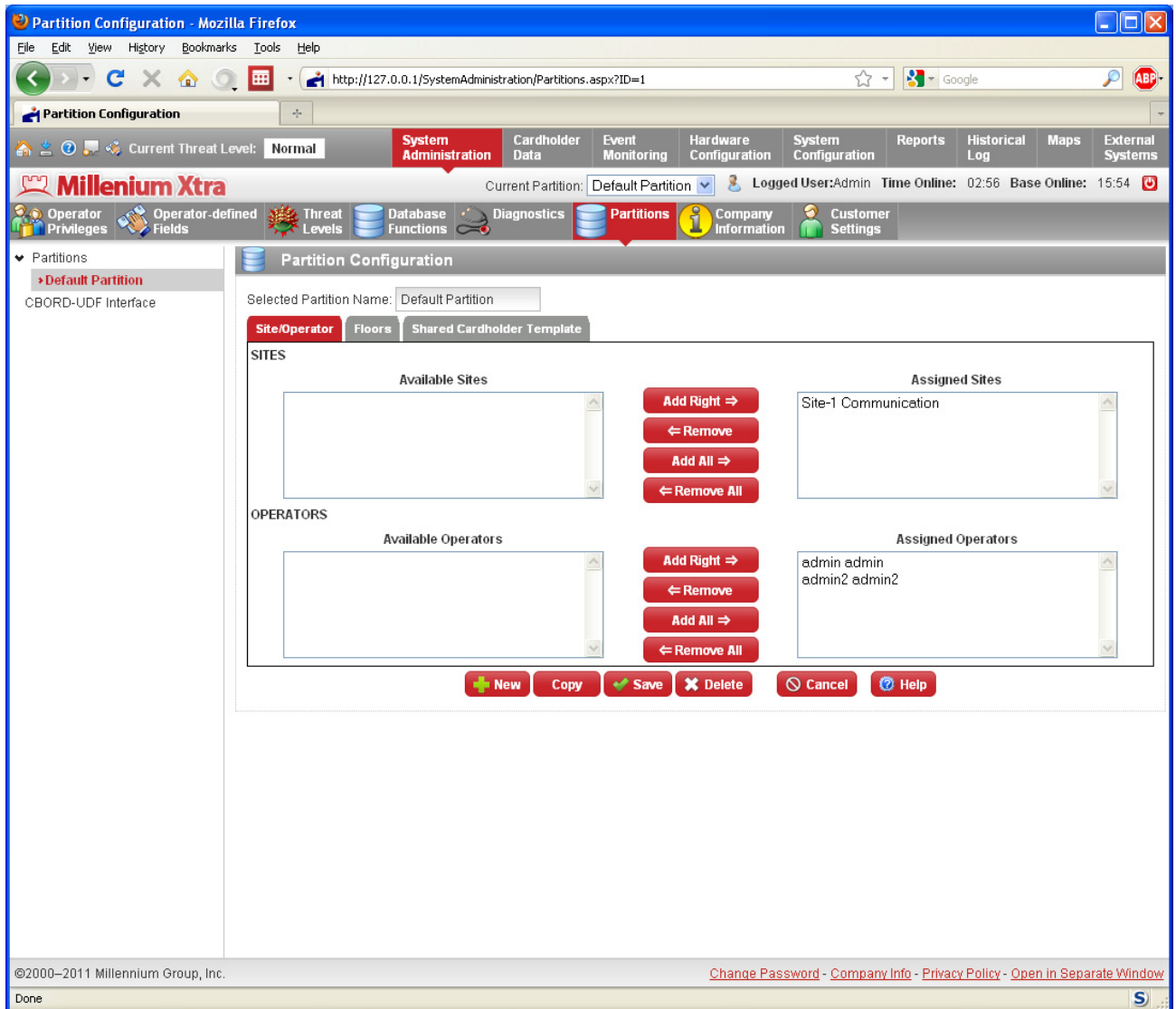
After succesful completion, you will be redirected to the home page (System Administration - Operator Privileges).

## System Administration - Partitions

Partition (in terms of Millennium Xtra System) means a logical combination of different controller groups. For example, when there are two separate buildings (where controller groups are placed), it's consistent enough to declare two separate partitions.

System Administration - Partitions screen consists of main (**Partition Configuration**) window, and three tabs – **Site/Operator tab**, **Floors tab**, and **Shared Cardholder Template tab**.

All the necessary information should be simply input into the corresponding fields. Below there are all available fields grouped as they are displayed on the Millennium Xtra Operator's screen.



### Site/Operator tab

#### Available fields and controls:

**Selected Partition Name** – field which displays current partition name. The content of this field is set automatically when the Millennium Xtra System Operator chooses Partition name in the Left-side tree.

**Sites group:**

- **Available Sites** – window which displays all available (but not assigned) sites for the current partition
- **Assigned Sites** – window which displays all assigned sites for the current partition

**Operators group:**

- **Available Operators** – window which displays all available (but not assigned) operators for the current partition
- **Assigned Operators** – window which displays all assigned operators for the current partition






**Buttons:**

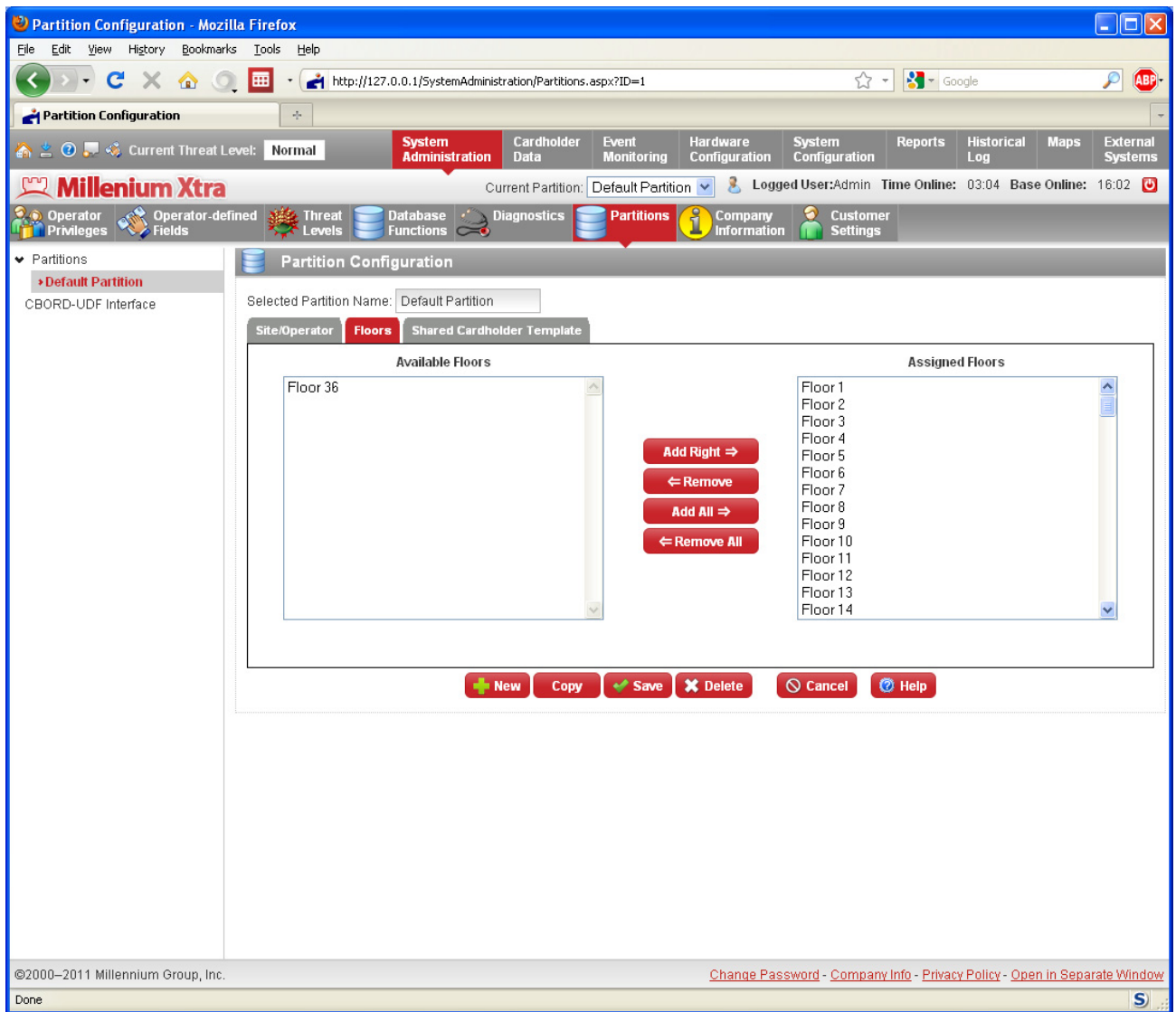
- **Add Right =>** – button to add site (or operator) to Assigned Sites (Operators) window
- **<= Remove** – button to remove site (or operator) from Assigned Sites (Operators) window
- **Add All =>** – button to add all sites (or operators) to Assigned Sites (Operators) window
- **<= Remove All** – button to remove all sites (or operators) from Assigned Sites (Operators) window

Select necessary Site among **Available Sites**. Press **Add Right =>** button to add the site to **Assigned Sites**.

Select necessary Site among **Assigned Sites**. Press **<= Remove** button to remove site from **Assigned Sites** and to place it to **Available Sites**.

Select **Add All =>** or **<= Remove All** button to add or remove all sites simultaneously.

-  **New** – button for creation of a new Partition. Press this button to create the new Partition.
-  **Copy** – button to copy current Partition data for another Partition
-  **Save** – button for saving changes for the current Partition
-  **Delete** – button for removal of selected Partition
-  **Cancel** – cancels changes made for the current Partition.



## Floors tab

### Available fields and controls:

**Selected Partition Name** – field which displays current partition name. The content of this field is set automatically when the Millenium Xtra System Operator chooses Partition name in the Left-side tree.

**Floors group:**

- **Available Floors** – window which displays all available (but not assigned) floors for the current partition
- **Assigned Floors** – window which displays all assigned floors for the current partition

**Buttons:**

- **Add Right =>** – button to add floor to Assigned Floors window
- **<= Remove** – button to remove floor from Assigned Floors window
- **Add All =>** – button to add all floors to Assigned Floors window
- **<= Remove All** – button to remove all floors from Assigned Floors window

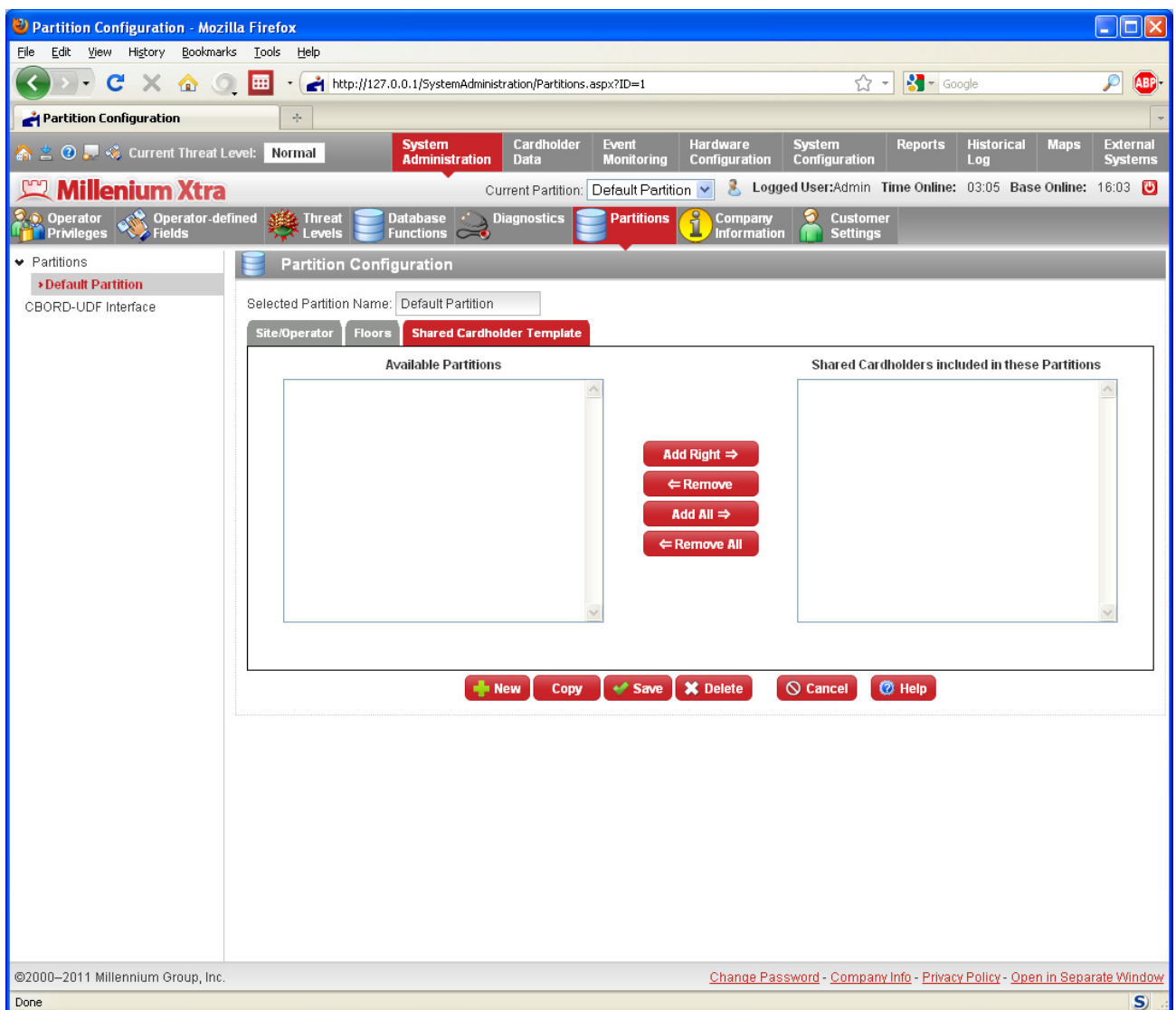


Select necessary Site among **Available Floors**. Press **Add Right =>** button to add the floor to **Assigned Floors**.

Select necessary Site among **Assigned Floors**. Press **<= Remove** button to remove site from **Assigned Floors** and to place it to **Available Floors**.

Select **Add All =>** or **<= Remove All** button to add or remove all sites simultaneously.

- **New** – button for creation of a new Partition. Press this button to create the new Partition.
- **Copy** – button to copy current Partition data for another Partition
- **Save** – button for saving changes for the current Partition
- **Delete** – button for removal of selected Partition
- **Cancel** – cancels changes made for the current Partition.



## Shared Cardholder Template tab

### Available fields and controls:

**Selected Partition Name** – field which displays current partition name. The content of this field is set automatically when the Millenium Xtra System Operator chooses Partition name in the Left-side tree.

**Available Partitions** group:

- **Available Partitions** – window which displays all available partitions
- **Shared Cardholders included in these Partitions** – window which displays all Shared Cardholders which are included in these Partitions






**Buttons:**

- **Add Right =>** – button to add Shared Cardholder to **Shared Cardholders included in these Partitions** window
- **<= Remove** – button to remove Shared Cardholder from **Shared Cardholders included in these Partitions** window
- **Add All =>** – button to add all Shared Cardholders to **Shared Cardholders included in these Partitions** window
- **<= Remove All** – button to remove all Shared Cardholders from **Shared Cardholders included in these Partitions** window

Select necessary Shared Cardholder Name among **Available Partitions**. Press **Add Right =>** button to add it to **Shared Cardholders included in these Partitions**.

Select necessary Shared Cardholder Name among **Available Partitions**. Press **<= Remove** button to remove it from **Shared Cardholders included in these Partitions** and to place it to **Available Partitions**.

Select **Add All =>** or **<= Remove All** button to add or remove all Shared Cardholders simultaneously.

-  **New** – button for creation of a new Partition. Press this button to create the new Partition.
-  **Copy** – button to copy current Partition data for another Partition
-  **Save** – button for saving changes for the current Partition
-  **Delete** – button for removal of selected Partition
-  **Cancel** – cancels changes made for the current Partition.

## System Administration - Company Information

Company Information - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://127.0.0.1/SystemAdministration/companyinformation.aspx

Company Information

Current Threat Level: Normal

System Administration Cardholder Data Event Monitoring Hardware Configuration System Configuration Reports Historical Log Maps External Systems

Millenium Xtra

Current Partition: Default Partition Logged User: Admin Time Online: 03:08 Base Online: 16:06

Operator Privileges Operator-defined Fields Threat Levels Database Functions Diagnostics Partitions Company Information Customer Settings

Company Information

Company Full Name: Millennium

Company Short Name: Millennium

Address 1:

Address 2:

City:

State:

Zip Code:

Phone 1:

Phone 2:

Fax 2:

Comments:

Contact Person Dealer Person Millennium Group Contact

Last Name: LastName

First Name: FirstName

Mid Initials: MName

Address 1:

Address 2:

City:

State:

Zip Code:

Phone 1: 1

Phone 2: 1

E-mail 1: 1

E-mail 2: 1

Position:

Save Cancel Help

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Done

System Administration - Company Information screen consists of general (**Company Information**) window, and three personal tabs - **Contact Person tab**, **Dealer Person tab**, and **Company Contact tab**.

All the necessary information should simply be input into the corresponding fields. Below there are all available fields grouped as they are displayed on the Millenium Xtra Operator's screen.

**Company Information - Mozilla Firefox**

File Edit View History Bookmarks Tools Help

http://127.0.0.1/SystemAdministration/companyinformation.aspx

**Company Information**

Current Threat Level: **Normal** **System Administration** Cardholder Data Event Monitoring Hardware Configuration System Configuration Reports Historical Log Maps External Systems

**Millennium Xtra** Current Partition: Default Partition Logged User: Admin Time Online: 03:11 Base Online: 16:09

Operator Privileges Operator-defined Fields Threat Levels Database Functions Diagnostics Partitions **Company Information** Customer Settings

**Company Information**

**Company Information**

Company Full Name: Millennium

Company Short Name: Millennium

Address 1:

Address 2:

City:

State:

Zip Code:

Phone 1:

Phone 2:

Fax 2:

Comments:

**Dealer Person**

Last Name:

First Name:

Mid Initials:

Address 1:

Address 2:

City:

State:

Zip Code:

Phone 1:

Phone 2:

E-mail 1:

E-mail 2:

Position:

**Save Cancel Help**

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Done

### Available fields:

Company Information fields are the following:

#### Company Information

Company Full Name:\*  
 Company Short Name:  
 Address 1:\*  
 Address 2:  
 City:  
 State:  
 Zip Code:  
 Phone 1:\*  
 Phone 2:  
 Fax:  
 Comments:

Dealer Person Tab fields are the following:

#### Dealer Person

Last Name:\*  
 First Name:\*  
 Mid Initials:  
 Address 1:  
 Address 2:  
 City:  
 State:  
 Zip Code:  
 Phone 1:\*  
 Phone 2:  
 E-mail 1:\*

E-mail 2:\*

Position:

Contact Person fields are the following:

**Contact Person**

Last Name:\*

First Name:\*

Mid Initials:

Address 1:

Address 2:

City:

State:

Zip Code:

Phone 1:\*

Phone 2:

E-mail 1:\*

E-mail 2:\*

Position:

Company Contact Tab fields are the following:

**Company Contact**

Last Name:\*

First Name:\*

Mid Initials:

Address 1:

Address 2:

City:

State:

Zip Code:

Phone 1:\*

Phone 2:

E-mail 1:\*

E-mail 2:\*

Position:

Company Information - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://127.0.0.1/SystemAdministration/companyinformation.aspx

Company Information

Current Threat Level: Normal

System Administration Cardholder Data Event Monitoring Hardware Configuration System Configuration Reports Historical Log Maps External Systems

Millennium Xtra

Current Partition: Default Partition Logged User: Admin Time Online: 03:12 Base Online: 16:10

Operator Privileges Operator-defined Fields Threat Levels Database Functions Diagnostics Partitions Company Information Customer Settings

Company Information

Company Full Name: Millennium

Company Short Name: Millennium

Address 1:

Address 2:

City:

State:

Zip Code:

Phone 1:

Phone 2:

Fax 2:

Comments:

Contact Person Dealer Person Millennium Group Contact

Last Name:

First Name:

Mid Initials:

Address 1:

Address 2:

City:

State:

Zip Code:

Phone 1:

Phone 2:

E-mail 1: support@millennium-groupinc.com

E-mail 2:

Position:

Save Cancel Help

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Done

When the Millennium Xtra Operator finished his/her input, Save button must be pressed to save the Company Information.

Pressing the Cancel button cancels all the input information (including general information and 3 personal tabs).

If you press any other button then (without saving changes), you'll obtain the following popup message: Do you want to save the changes you made to database?

Millennium Xtra: Company Information

Do you want to save the changes you made to database?

Yes No Cancel

"Yes" - saves your changes, "No" - cancels your changes, "Cancel" - cancels your last action (pressing of a button or clicking anywhere in menu).

## System Administration - Customer Settings

Customer Settings - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://127.0.0.1/SystemAdministration/customersettings.aspx

Customer Settings

Current Threat Level: Normal

System Administration Cardholder Data Event Monitoring Hardware Configuration System Configuration Reports Historical Log Maps Intercom

Millenium Xtra

Current Partition: Default Partition Logged User: Admin Time Online: 03:15 Base Online: 16:13

Operator Privileges Operator-defined Fields Threat Levels Database Functions Diagnostics Partitions Company Information Customer Settings

Customer Settings

E-mail Settings

Licensing Support

Intercom Settings

CCTV Settings

CCTV Camera Synchronization

Customer Settings

TIME SETTINGS

Session Timeout: 02:00

CARD CONFIGURATION

☒ Display Card Number in Alarm/Event Monitor and Historical Log

CONTROLLER SETTINGS

Controller Owner ID: Demo. Not for sale

CARDHOLDER SETTINGS

☒ Cardholder List Enabled

Path to Cardholder cards images:  
(leave empty for default location)

Path to Cardholder sign images:  
(leave empty for default location)

Cardholder Cards Aging: Not used

FLOOR MAP SETTINGS

Path to Floor Map Images:  
(leave empty for default location)

Save Cancel Help

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Done

Customer Settings are divided into these groups:

- **Customer Settings**
- **E-mail Settings**
- **Licensing Support**
- **Intercom Settings**
- **CCTV Settings**
- **CCTV Camera Synchronization**
- **Onvif CCTV Cameras**

Choose the required settings group from the **Left-side Menu**.





## Customer Settings

### System Administration - Customer Settings - Customer Settings

**Customer settings** allow Millenium Xtra Operator to set up Timeout settings for WEB server session, set up displaying of the Card Number in Alarm/Event Monitor and Historical Log, as well as to setup various Cardholder settings and Floor Map settings.

#### Time Settings

Session Timeout: Session timeout must be between 10 minutes and 12 hours

#### Card Configuration

Display Card Number in Alarm/Event Monitor and Historical Log – check this checkbox if necessary.

#### Cardholder Settings

Cardholder List Enabled – check this checkbox if necessary.

Path to Cardholder cards images: (Input the path here. Leave it empty for default location)

Path to Cardholder sign images: (Input the path here. Leave empty for default location)

Cardholder Cards Aging: (Select the desired value – Not Used, or 1 - 23 Months)

### **Floor Map Settings**

Path to Floor Map Images: (leave empty for default location)

## System Administration - Customer Settings - E-mail Settings

**E-mail Settings - Mozilla Firefox**

File Edit View History Bookmarks Tools Help

http://127.0.0.1/SystemAdministration/emailsettings.aspx

**E-mail Settings**

Current Threat Level: **Normal** **System Administration** Cardholder Data Event Monitoring Hardware Configuration System Configuration Reports Historical Log Maps External Systems

**Millenium Xtra** Current Partition: Default Partition Logged User: admin Time Online: 01:58 Base Online: 14:42

Operator Privileges Operator-defined Fields Threat Levels Database Functions Diagnostics Partitions Company Information **Customer Settings**

Customer Settings  
**E-mail Settings**  
 Licensing Support  
 Intercom Settings  
 CCTV Settings  
 CCTV Camera Synchronization

**E-Mail Settings**

**SERVER INFORMATION**

Mail Server (SMTP):

Mail Server Port:

25

☐ Server requires authentication

Account Name:

Password:

**E-MAIL ADDRESSES**

System E-mail:

Feedback E-mail:

**Save Cancel Help**

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Done

### Server Information

Mail Server (SMTP): - Input your Mail Server address here.

Mail Server Port: - Input your Mail Server port number here.

Mail Server Port could not be empty. Mail Server Port could not be typed with errors.

Server requires authentication – check this checkbox if necessary

Account Name: - Input the E-mail account here

Password: - Input the password here

### E-mail Addresses

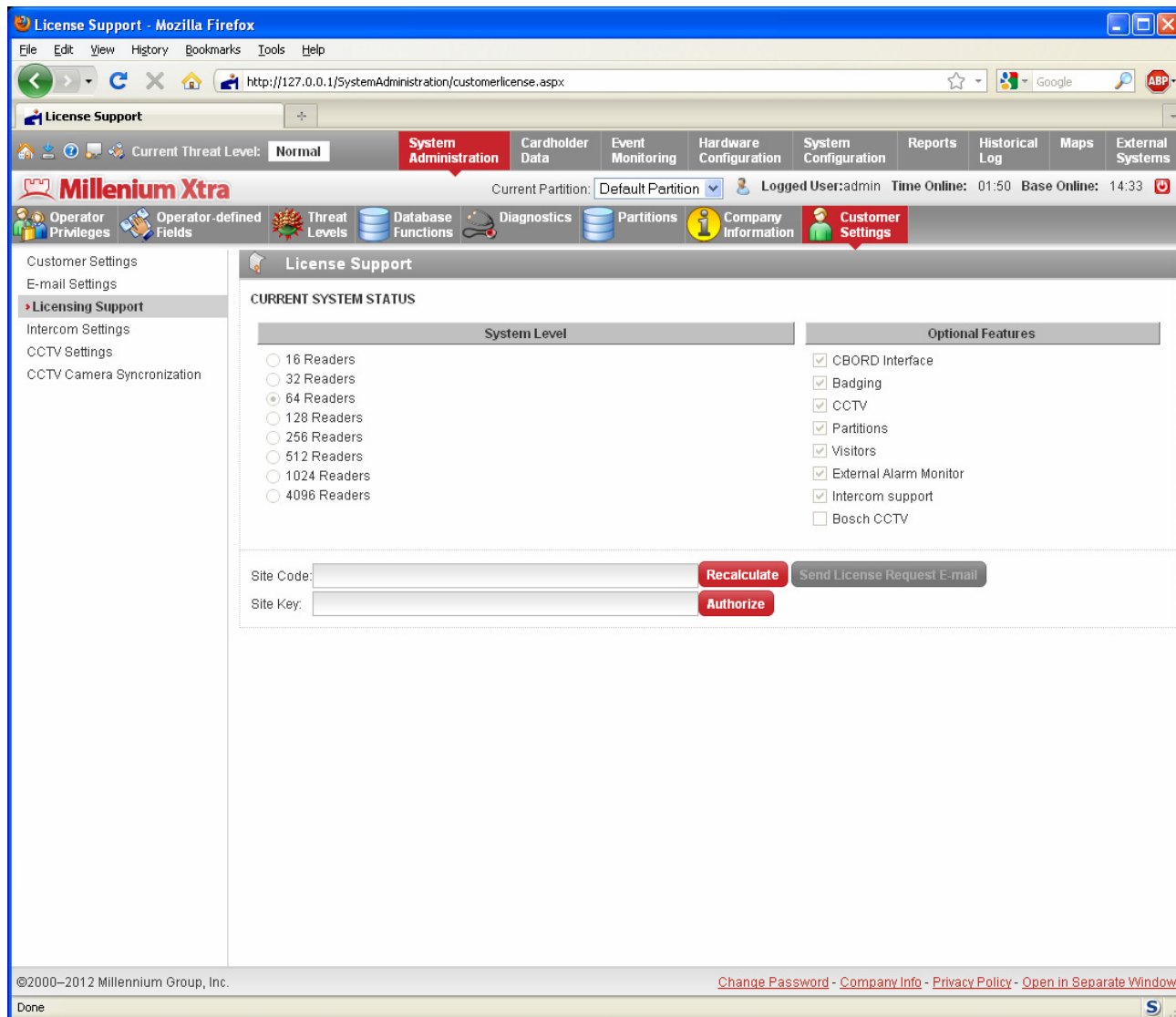
System E-mail: - Input the System E-mail here.

Feedback E-mail: - Input the Feedback E-mail here.

If one of the E-mail addresses will be typed with error(-s), your settings could not be saved. The operator will obtain Error message like “the System E-mail is wrong.” or “Feedback E-mail is wrong.”

## System Administration - Customer Settings - License Support

This screen indicates the Current System Licensing Status.



### Available fields and controls:

System Level:

- 32 Readers 1000 Cardholders
- 64 Readers 2000 Cardholders
- 128 Readers 5000 Cardholders
- 256 Readers 10000 Cardholders
- 512 Readers 20000 Cardholders
- 1024 Readers 50000 Cardholders
- 4096 Readers 100000 Cardholders

System Level depends on your license.

## Optional Features

- CBORD Interface
- Badging
- CCTV
- Partitions
- Visitors
- External Alarm Monitor
- Intercom support

The set of Optional Features also depends on your license.

Site Code: xxxx xxxx xxxx xxxx xx (site code is generated here)

Site Key: xxxx xxxx xxxx xxxx xxxx xxxx xx (authorization key should be typed in here)

When you open this page for the first time, press **Recalculate** Recalculate button.

Site Code will be recalculated for you. Then press Send License Request E-mail button

(**Send License Request E-mail**). After obtaining the Authorization Code from your supplier,

input this code into the Site Key field. Press **Authorize** Authorize button.

License can be transferred, imported and exported if necessary. The process of license transfer is simple. Press Begin Transfer (**Begin Transfer**) button to start transfer of your license to another PC. Pressing of Begin Transfer (**Begin Transfer**) button will only display the path to **License files folder**. Special license transfer file(s) will be created immediately after pressing of Transfer Export (**Transfer Export**) button. These file(s) will be stored in **License files folder**:

**C:\Program Files\MillenniumGroup\MillenniumXtra\WebSiteComponent\License**

Save this file in a secure place, and completely uninstall your Millennium Xtra System.

Note, that your current version of Millennium Xtra System becomes unoperational after Transfer Export (**Transfer Export**) procedure.

Install Millennium Xtra System to another PC and do Transfer Import (**Transfer Import**) to import your license. System will ask you the path for License files folder, if these files are not present in

**C:\Program Files\MillenniumGroup\MillenniumXtra\WebSiteComponent\License**

## Notes.

If Company Full Name is empty (see Company Information section), please enter your company full name at page "**Company Information**".

If Synergistics Contact E-mail 1 is empty, please enter Synergistics Contact E-mail 1 at page "**Company Information**".

If MailServer (SMTP) is empty, please enter your MailServer (SMTP) at page "**E-mail Settings**".

If System E-mail is empty, please enter your System E-mail at page "**E-mail Settings**".

License Support - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://127.0.0.1/SystemAdministration/customerlicense.aspx

License Support

Current Threat Level: Normal

System Administration Cardholder Data Event Monitoring Hardware Configuration System Configuration Reports Historical Log Maps External Systems

Millenium Xtra

Current Partition: Default Partition Logged User: admin Time Online: 01:54 Base Online: 14:38

Operator Privileges Operator-defined Fields Threat Levels Database Functions Diagnostics Partitions Company Information Customer Settings

Customer Settings  
E-mail Settings  
Licensing Support  
Intercom Settings  
CCTV Settings  
CCTV Camera Synchronization

MailServer (SMTP) is empty. Enter MailServer (SMTP) at page 'E-mail settings'  
System E-mail is empty. Enter System E-mail at page 'E-mail settings'

License Support

CURRENT SYSTEM STATUS

System Level	Optional Features
<input type="radio"/> 16 Readers	<input checked="" type="checkbox"/> CBORD Interface
<input type="radio"/> 32 Readers	<input checked="" type="checkbox"/> Badging
<input checked="" type="radio"/> 64 Readers	<input checked="" type="checkbox"/> CCTV
<input type="radio"/> 128 Readers	<input checked="" type="checkbox"/> Partitions
<input type="radio"/> 256 Readers	<input checked="" type="checkbox"/> Visitors
<input type="radio"/> 512 Readers	<input checked="" type="checkbox"/> External Alarm Monitor
<input type="radio"/> 1024 Readers	<input checked="" type="checkbox"/> Intercom support
<input type="radio"/> 4096 Readers	<input type="checkbox"/> Bosch CCTV

Site Code: A8D8 8B9A 7986 DA34 C3 Recalculate Send License Request E-mail

Site Key: Authorize

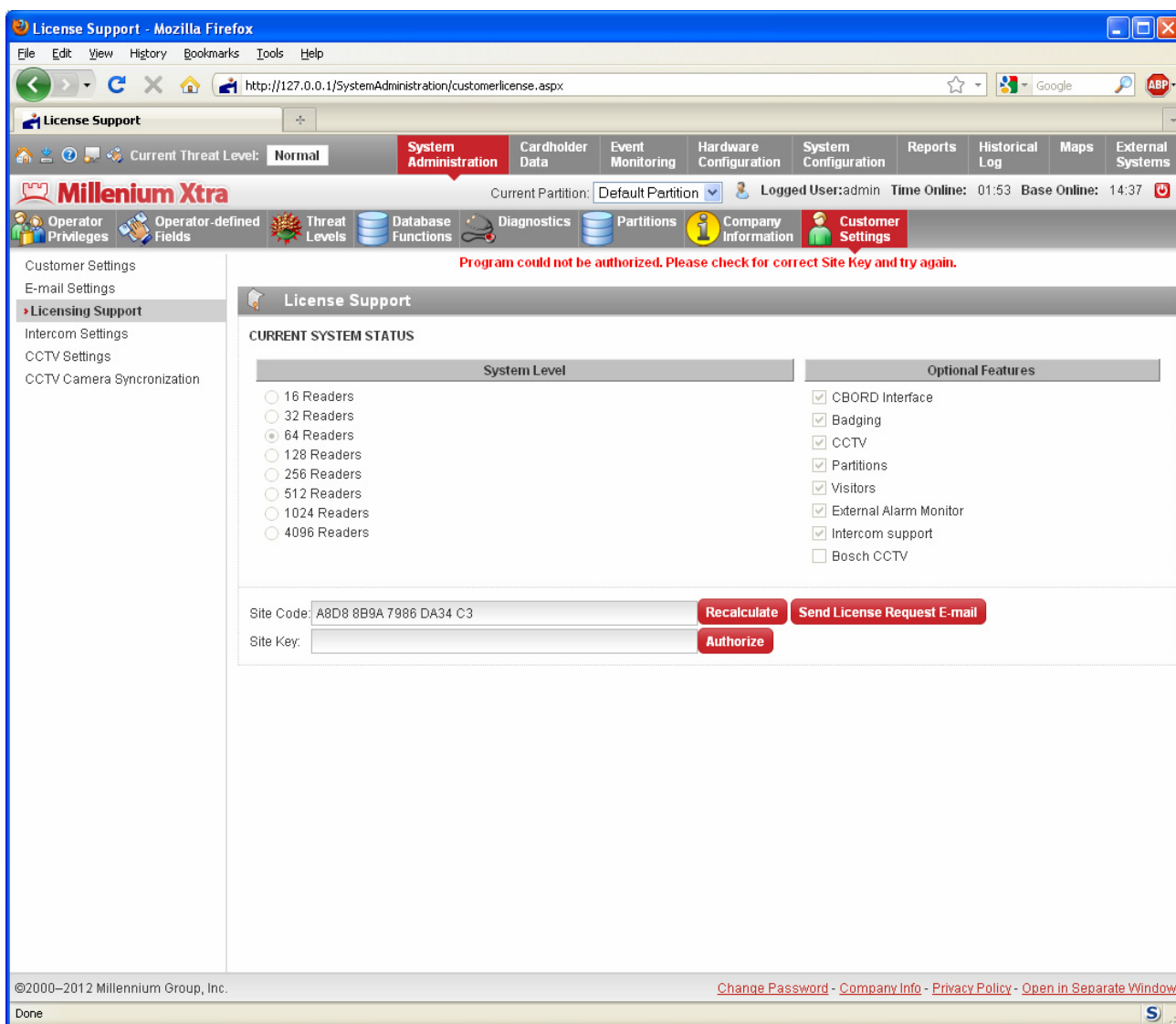
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Done

If E-mail settings were not input correctly, error will occur:

**“License Request could not be sent. Please check your E-mail Settings.”**

So, please go to page **“E-mail Settings”** and fix your E-Mail settings:



If the process of license transfer was successful, the Millenium Xtra System will inform you about it.



## System Administration - Customer Settings - Intercom Settings

The screenshot shows the 'Intercom Settings' page within the Millenium Xtra system administration interface. The browser window is titled 'Intercom Settings - Mozilla Firefox' and the address bar shows 'http://127.0.0.1/SystemAdministration/intercomsetting.aspx'. The interface includes a top navigation bar with tabs like 'System Administration', 'Cardholder Data', 'Event Monitoring', 'Hardware Configuration', 'System Configuration', 'Reports', 'Historical Log', 'Maps', and 'External Systems'. Below this is a secondary navigation bar with icons for 'Operator Privileges', 'Operator-defined Fields', 'Threat Levels', 'Database Functions', 'Diagnostics', 'Partitions', 'Company Information', and 'Customer Settings'. The 'Customer Settings' tab is active, and a left sidebar lists 'Customer Settings', 'E-mail Settings', 'Licensing Support', 'Intercom Settings' (highlighted), 'CCTV Settings', and 'CCTV Camera Synchronization'. The main content area is titled 'Intercom Settings' and contains four input fields: 'Intercom Server address', 'Intercom Server Port' (with a dropdown menu showing '80'), 'Intercom Server Login', and 'Intercom Server Password'. At the bottom of the form are three buttons: 'Save' (green), 'Cancel' (red), and 'Help' (blue). The footer of the page includes copyright information '©2000–2012 Millennium Group, Inc.' and links for 'Change Password', 'Company Info', 'Privacy Policy', and 'Open in Separate Window'.

Intercom settings allow Millenium Xtra Operator to set up Intercom Server Address, Intercom Server Port Number, Intercom Server Login and Intercom Server Password.

Available fields and controls:

**Intercom Server address** – field to assign Intercom Server Address

**Intercom Server Port** – field to assign Intercom Server Port Number

**Intercom Server Login** – field to assign Intercom Server Login

**Intercom Server Password** – field to assign Intercom Server Password

Buttons:

**Save** – press this button to save settings on this screen

**Cancel** – press this button to cancel changes made on this screen

## System Administration - Customer Settings - CCTV Settings

The screenshot shows the 'CCTV Settings' page in the Millenium Xtra system. The browser window title is 'CCTV Settings - Mozilla Firefox'. The address bar shows 'http://127.0.0.1/SystemAdministration/cctvsettings.aspx'. The page has a top navigation bar with tabs: 'System Administration' (selected), 'Cardholder Data', 'Event Monitoring', 'Hardware Configuration', 'System Configuration', 'Reports', 'Historical Log', 'Maps', and 'External Systems'. Below this is a secondary navigation bar with icons and labels: 'Operator Privileges', 'Operator-defined Fields', 'Threat Levels', 'Database Functions', 'Diagnostics', 'Partitions', 'Company Information', and 'Customer Settings' (selected). The main content area is titled 'CCTV Settings' and contains the following fields:

- CCTV Type: A dropdown menu currently set to 'Not Configured'.
- CCTV Server address: A text input field.
- CCTV Server Port: A numeric input field with a spinner, currently set to '80'.
- CCTV IIS Server Virtual Path: A text input field.
- CCTV Server Login: A text input field.
- CCTV Server Password: A text input field.

At the bottom of the form are three buttons: 'Save' (green), 'Cancel' (red), and 'Help' (blue). The footer of the page includes the copyright notice '@2000-2012 Millennium Group, Inc.' and links for 'Change Password', 'Company Info', 'Privacy Policy', and 'Open in Separate Window'.

**CCTV Settings** allow Millenium Xtra Operator to set up CCTV Type, CCTV Server Address, CCTV Server Port Number, CCTV IIS Server Virtual Path, CCTV Server Login, CCTV Server Password, as well as IP Configure SQL Server parameters for IP Configure CCTV type.

Set of available fields and controls depends on currently selected CCTV Type.

### a) **CCTV Type = OnSSI**

**CCTV Settings - Mozilla Firefox**

File Edit View History Bookmarks Tools Help

http://127.0.0.1/SystemAdministration/cctvsettings.aspx

**CCTV Settings**

Current Threat Level: **Normal**

**System Administration** Cardholder Data Event Monitoring Hardware Configuration System Configuration Reports Historical Log Maps External Systems

**Millenium Xtra** Current Partition: Default Partition Logged User: admin Time Online: 01:59 Base Online: 14:43

Operator Privileges Operator-defined Fields Threat Levels Database Functions Diagnostics Partitions Company Information **Customer Settings**

Customer Settings  
E-mail Settings  
Licensing Support  
Intercom Settings  
▶ **CCTV Settings**  
CCTV Camera Synchronization

**CCTV Settings**

CCTV Type:  
OnSSI

CCTV Server address: **CCTV Server address is empty.**

CCTV Server Port:  
80

CCTV IIS Server Virtual Path:  
/

CCTV Server Login: **CCTV Server login is empty.**

CCTV Server Password:

**Save** **Cancel** **Help**

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Done

Available fields and controls:

**CCTV Type** – field to assign CCTV Type

**CCTV Server Address** – field to assign CCTV Server Address

**CCTV Server Port Number** – field to assign CCTV Server Port Number

**CCTV IIS Server Virtual Path** – field to assign CCTV IIS Server Virtual Path

**CCTV Server Login** – field to assign CCTV Server Login

**CCTV Server Password** – field to assign CCTV Server Password

Buttons:

**Save** – press this button to save settings on this screen

**Cancel** – press this button to cancel changes made on this screen

b) **CCTV Type = IP Configure**

Available fields and controls:

**CCTV Type** – field to assign CCTV Type

**CCTV Server Address** – field to assign CCTV Server Address

**CCTV Server Port Number** – field to assign CCTV Server Port Number

**CCTV IIS Server Virtual Path** – field to assign CCTV IIS Server Virtual Path

**CCTV Server Login** – field to assign CCTV Server Login

**CCTV Server Password** – field to assign CCTV Server Password

Additional controls are available for this CCTV Type:

**IP Configure SQL Server name** – field to assign IP Configure SQL Server Name

**IP Configure SQL Database Name** – field to assign IP Configure SQL Database Name

**Connect as 'computer\_name\iAccessWebSite' using Windows authentication**

**(Account should permit in db\_datareader database role)** – checkbox to allow Windows authentication for *iAccessWebSite* user

**SQL Server Login Name** – field to assign SQL Server Login Name

**SQL Server Password** – field to assign SQL Server Password

Buttons:

**Save** – press this button to save settings on this screen

**Cancel** – press this button to cancel changes made on this screen

## System Administration - Customer Settings - CCTV Camera Sync Settings

CCTV Camera Synchronization - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://127.0.0.1/SystemAdministration/cctvysynchronization.aspx

CCTV Camera Synchronization

Current Threat Level: Normal

System Administration Cardholder Data Event Monitoring Hardware Configuration System Configuration Reports Historical Log Maps External Systems

Millenium Xtra

Current Partition: Default Partition Logged User: admin Time Online: 02:01 Base Online: 14:45

Operator Privileges Operator-defined Fields Threat Levels Database Functions Diagnostics Partitions Company Information Customer Settings

Customer Settings  
E-mail Settings  
Licensing Support  
Intercom Settings  
CCTV Settings  
CCTV Camera Synchronization

CCTV Camera Synchronization

SCHEDULER SETTINGS

Scheduler Type: ☒ One Time ☐ Periodic ☒ Task Enabled

On date:  At time:  ☐ Delete on successfully finished

Synchronize Now Clear / New Add / Update Delete Selected Help

Start Date	End Date	Time	S	M	T	W	T	F	S	Day	P/O
------------	----------	------	---	---	---	---	---	---	---	-----	-----

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Done

Camera Synchronization Parameters for CCTV Camera may be tuned up here, as well as CCTV Camera may be synchronized immediately here.

Available fields and controls:

**SCHEDULER SETTINGS** – group of controls to assign necessary scheduler settings for CCTV Camera Synchronization

**Scheduler Type** – two Radio buttons to select type of scheduling (one-time or periodic)

**Task enabled** – checkbox to enable / disable current task

**On Date** – field to assign scheduled date (in mm/dd/yyyy format)

**At time** – field to assign scheduled time (in hh:mm:ss format)

**Delete on successfully finished** – checkbox to allow removal record from the **Synchronization Table** after successful scheduled task completion

**Synchronization Table** – table where all scheduled tasks are stored

Buttons:

**Synchronize Now** – button to provide **CCTV Camera** synchronization immediately

**Clear / New** – button to add a new record into the **Synchronization Table**, as well as to clear currently displayed **Scheduler Settings**

**Add / Update** – button to add currently displayed Scheduler Settings to the **Synchronization Table** or **update** the **Synchronization Table** with currently displayed **Scheduler Settings**

**Delete Selected** – button to remove currently selected record(-s) from the **Synchronization Table**

## Onvif CCTV Cameras

The screenshot shows the Millennium Xtra System Administration web interface in a Mozilla Firefox browser. The address bar shows the URL `http://127.0.0.1/SystemAdministration/onvifcameras.aspx?ID=0`. The interface has a top navigation bar with tabs like 'System Administration', 'Cardholder Data', 'Event Monitoring', 'Hardware Configuration', 'System Configuration', 'Reports', 'Historical Log', 'Maps', and 'External Systems'. Below this is a secondary navigation bar with icons for 'Operator Privileges', 'Operator-defined Fields', 'Threat Levels', 'Database Functions', 'Diagnostics', 'Partitions', 'Company Information', and 'Customer Settings'. The 'Customer Settings' tab is active, and a left sidebar lists settings like 'Customer Settings', 'E-mail Settings', 'Licensing Support', 'Intercom Settings', 'CCTV Settings', 'CCTV Camera Synchronization', and 'Onvif CCTV Cameras'. The main content area is titled 'Onvif Cameras' and contains the following fields and controls:

- Camera Name:** A text input field.
- Online / Offline:** Two radio buttons, with 'Online' selected.
- Camera Url:** A text input field.
- Location:** A text input field.
- Time before event (sec):** A numeric input field with a default value of 3.
- Time after event (sec):** A numeric input field with a default value of 3.
- Buttons:** 'New' (green), 'Save' (red), 'Delete' (grey), 'Cancel' (grey), and 'Help' (red).

At the bottom of the page, there is a footer with copyright information: '©2000–2012 Millennium Group, Inc.' and links for 'Change Password', 'Company Info', 'Privacy Policy', and 'Open in Separate Window'.

**ONVIF CCTV Cameras** Settings allow Millennium Xtra Operator to set up CCTV cameras which satisfy ONVIF Standards. ONVIF is committed to the adoption of IP in the security market. The ONVIF specification will ensure interoperability between products regardless of manufacturer.

Available fields and controls:

**Camera Name** – text field to input Camera Name (put ANY camera name here)

**Camera Url** – text field to input Camera Url (something like the text string given below:  
**`rtsp://10.0.1.42/onvif-media/media.amp`** )

**Location** – text field to input Camera Location (put ANY camera description here)

**Time before event (sec):** – field to assign time before event (in seconds; 3 seconds by default)

**Time after event (sec):** – field to assign time after event (in seconds; 3 seconds by default)

**Online / Offline** – two Radio buttons to switch current ONVIF camera ON or OFF

Buttons:



**New** – button to add a new ONVIF Camera

**Save** – button to save current ONVIF Camera settings

**Delete** – button to remove currently selected ONVIF Camera record

**Cancel** – button to cancel (don't save) changes within currently selected ONVIF Camera record.

## Event Monitoring

**Events/Alarms Display - Mozilla Firefox**

File Edit View History Bookmarks Tools Help

http://127.0.0.1/EventMonitoring/

**Events/Alarms Display**

Current Threat Level: **Normal**

System Administration Cardholder Data **Event Monitoring** Hardware Configuration System Configuration Reports Historical Log Maps External Systems

Millenium Xtra

Current Partition: Default Partition Logged User: Admin Time Online: 03:19 Base Online: 16:17

Events/Alarms Display Cardholder's Data Operator Control Controller Download Image Verification Event Monitor Configuration

View Alarms (0) Install External AM View Live Video Enable Image Verification Full Screen

**Event Monitor (24) Event Filter: All Events**

Time	Category	Name	Status	Origin
4/29/2011 3:48:16 PM GMT +03:00	Cardholder	Frank Alberts (Card #1)	Admitted	Controller-2-Door-1
4/29/2011 3:48:12 PM GMT +03:00	Cardholder	Frank Alberts (Card #1)	Admitted	Controller-1-Door-1
4/29/2011 3:48:09 PM GMT +03:00	Cardholder	Charles Daniels (Card #2)	Admitted	Controller-1-Door-1
4/29/2011 3:48:07 PM GMT +03:00	Output	Controller-1-RCD-1 Supervisor Relay	Activated	
4/29/2011 3:48:04 PM GMT +03:00	Output	Controller-1-RCD-1 Supervisor Relay	Deactivated	
4/29/2011 3:48:04 PM GMT +03:00	Cardholder	Charles Daniels (Card #2)	Denied access, it is not proper time p	Controller-1-Door-1
4/29/2011 3:47:49 PM GMT +03:00	Output	Controller-1-RCD-1 Supervisor Relay	Deactivated	
4/29/2011 3:47:49 PM GMT +03:00	Cardholder	Frank Alberts (Card #1)	Denied access, it is not proper time p	Controller-1-Door-1
4/29/2011 3:47:47 PM GMT +03:00	Output	Controller-1-RCD-1 Supervisor Relay	Activated	
4/29/2011 3:47:47 PM GMT +03:00	Cardholder	Frank Alberts (Card #1)	Denied access, it is not proper time p	Controller-1-Door-1
4/29/2011 3:47:39 PM GMT +03:00	Output	Controller-1-RCD-1 Supervisor Relay	Activated	
4/29/2011 3:47:37 PM GMT +03:00	Output	Controller-2-RCD-1 Supervisor Relay	Activated	
4/29/2011 3:47:34 PM GMT +03:00	Cardholder	Charles Daniels (Card #2)	Admitted	Controller-1-Door-1
4/29/2011 3:47:32 PM GMT +03:00	Cardholder	Charles Daniels (Card #2)	Denied access, it is not proper time p	Controller-1-Door-1
4/29/2011 3:47:19 PM GMT +03:00	Cardholder	Frank Alberts (Card #1)	Denied access, it is not proper time p	Controller-1-Door-1
4/29/2011 3:47:14 PM GMT +03:00	Output	Controller-1-RCD-1 Supervisor Relay	Deactivated	
4/29/2011 3:47:10 PM GMT +03:00	Output	Controller-1-RCD-1 Supervisor Relay	Deactivated	
4/29/2011 3:47:07 PM GMT +03:00	Output	Controller-1-RCD-1 Supervisor Relay	Activated	
4/29/2011 3:46:59 PM GMT +03:00	Output	Controller-1-RCD-1 Supervisor Relay	Activated	
4/29/2011 3:46:59 PM GMT +03:00	Cardholder	Charles Daniels (Card #2)	Denied access, it is not proper time p	Controller-1-Door-2
4/29/2011 3:46:52 PM GMT +03:00	Output	Controller-2-RCD-1 Supervisor Relay	Activated	
4/29/2011 3:46:40 PM GMT +03:00	Cardholder	Frank Alberts (Card #1)	Denied access, it is not proper time p	Controller-1-Door-1
4/29/2011 3:46:35 PM GMT +03:00	Cardholder	Frank Alberts (Card #1)	Admitted	Controller-1-Door-1
4/29/2011 12:58:20 PM GMT +03:00	Operator	ADMIN	Operator logged on	

View Event Detail Clear All Events Log Message

Event Filter Operator Control Print

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Waiting for 127.0.0.1...

This section of Millenium Xtra System is intended for monitoring of Millenium Xtra System Events.

All the information about Millenium Xtra System Events is stored in five tabs: **Events/Alarms Display** tab, **Cardholder's Data** tab, **Operator Control** tab, **Controller Download** tab and **Image Verification** tab.

- Event Monitoring - Events/Alarms Display
- Event Monitoring - Cardholder's Data
- Event Monitoring - Operator Control
- Event Monitoring - Controller Download
- Event Monitoring - Image Verification



## Event Monitoring - Events/Alarms Display

**Events/Alarms Display - Mozilla Firefox**

File Edit View History Bookmarks Tools Help

http://127.0.0.1/EventMonitoring/

**Events/Alarms Display**

Current Threat Level: **Normal**

System Administration Cardholder Data **Event Monitoring** Hardware Configuration System Configuration Reports Historical Log Maps External Systems

**Millenium Xtra** Current Partition: Default Partition Logged User: Admin Time Online: 03:19 Base Online: 16:17

Events/Alarms Display Cardholder's Data Operator Control Controller Download Image Verification Event Monitor Configuration

**View Alarms (0)** **Install External AM** **View Live Video** **Enable Image Verification** **Full Screen**

**Event Monitor (24) Event Filter: All Events**

Time	Category	Name	Status	Origin
4/29/2011 3:48:16 PM GMT +03:00	Cardholder	Frank Alberts (Card #1)	Admitted	Controller-2-Door-1
4/29/2011 3:48:12 PM GMT +03:00	Cardholder	Frank Alberts (Card #1)	Admitted	Controller-1-Door-1
4/29/2011 3:48:09 PM GMT +03:00	Cardholder	Charles Daniels (Card #2)	Admitted	Controller-1-Door-1
4/29/2011 3:48:07 PM GMT +03:00	Output	Controller-1-RCD-1 Supervisor Relay	Activated	
4/29/2011 3:48:04 PM GMT +03:00	Output	Controller-1-RCD-1 Supervisor Relay	Deactivated	
4/29/2011 3:48:04 PM GMT +03:00	Cardholder	Charles Daniels (Card #2)	Denied access, it is not proper time p	Controller-1-Door-1
4/29/2011 3:47:49 PM GMT +03:00	Output	Controller-1-RCD-1 Supervisor Relay	Deactivated	
4/29/2011 3:47:49 PM GMT +03:00	Cardholder	Frank Alberts (Card #1)	Denied access, it is not proper time p	Controller-1-Door-1
4/29/2011 3:47:47 PM GMT +03:00	Output	Controller-1-RCD-1 Supervisor Relay	Activated	
4/29/2011 3:47:47 PM GMT +03:00	Cardholder	Frank Alberts (Card #1)	Denied access, it is not proper time p	Controller-1-Door-1
4/29/2011 3:47:39 PM GMT +03:00	Output	Controller-1-RCD-1 Supervisor Relay	Activated	
4/29/2011 3:47:37 PM GMT +03:00	Output	Controller-2-RCD-1 Supervisor Relay	Activated	
4/29/2011 3:47:34 PM GMT +03:00	Cardholder	Charles Daniels (Card #2)	Admitted	Controller-1-Door-1
4/29/2011 3:47:32 PM GMT +03:00	Cardholder	Charles Daniels (Card #2)	Denied access, it is not proper time p	Controller-1-Door-1
4/29/2011 3:47:19 PM GMT +03:00	Cardholder	Frank Alberts (Card #1)	Denied access, it is not proper time p	Controller-1-Door-1
4/29/2011 3:47:14 PM GMT +03:00	Output	Controller-1-RCD-1 Supervisor Relay	Deactivated	
4/29/2011 3:47:10 PM GMT +03:00	Output	Controller-1-RCD-1 Supervisor Relay	Deactivated	
4/29/2011 3:47:07 PM GMT +03:00	Output	Controller-1-RCD-1 Supervisor Relay	Activated	
4/29/2011 3:46:59 PM GMT +03:00	Output	Controller-1-RCD-1 Supervisor Relay	Activated	
4/29/2011 3:46:59 PM GMT +03:00	Cardholder	Charles Daniels (Card #2)	Denied access, it is not proper time p	Controller-1-Door-2
4/29/2011 3:46:52 PM GMT +03:00	Output	Controller-2-RCD-1 Supervisor Relay	Activated	
4/29/2011 3:46:40 PM GMT +03:00	Cardholder	Frank Alberts (Card #1)	Denied access, it is not proper time p	Controller-1-Door-1
4/29/2011 3:46:35 PM GMT +03:00	Cardholder	Frank Alberts (Card #1)	Admitted	Controller-1-Door-1
4/29/2011 12:58:20 PM GMT +03:00	Operator	ADMIN	Operator logged on	

**View Event Detail** **Clear All Events** **Log Message**

**Event Filter** **Operator Control** **Print**

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Waiting for 127.0.0.1...

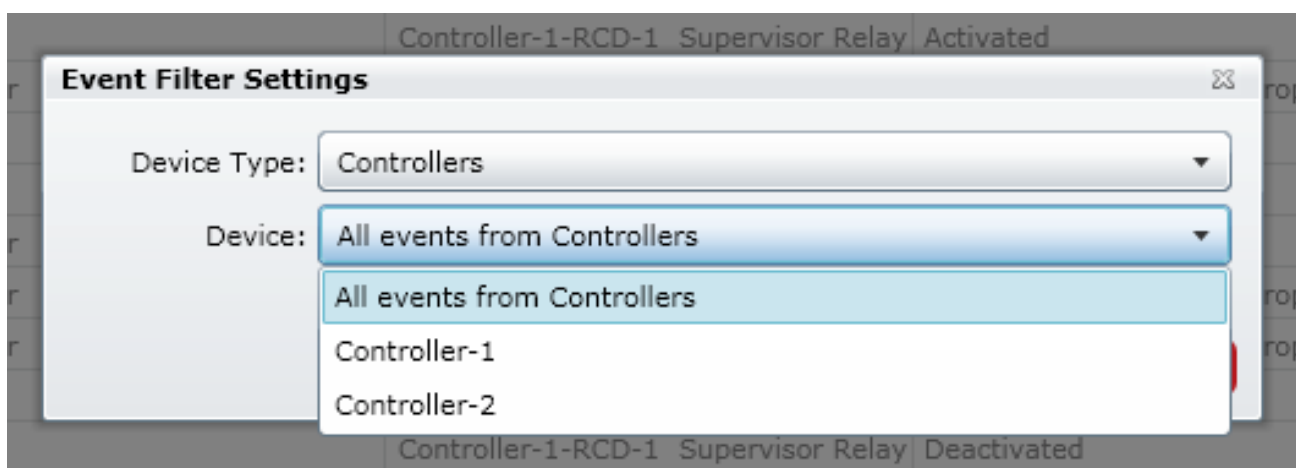
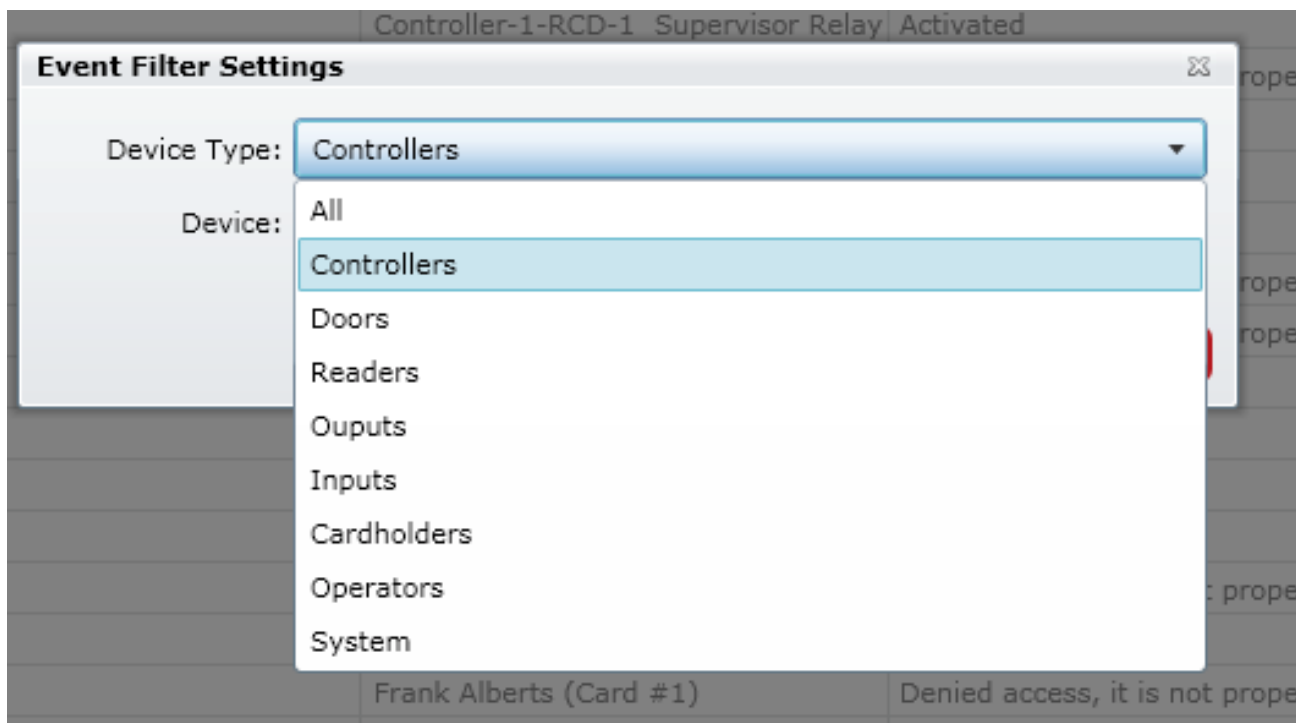
All the events are displayed here.

Events in the Millenium Xtra System are divided into following groups:

- All events (by default)
- Controllers events
- Doors events
- Readers events
- Outputs events
- Inputs events
- Cardholders events
- Operators events
- System events

The individual groups may be chosen via Event Filters.

To simplify representation of devices and their corresponding events, the Event Filter button is used. The number of displayed items depends on your current system configuration and usually looks like this:



#### Available fields:

- Time
- Category
- Name
- Status
- Origin

These are only display fields and their content could not be modified directly.

The user only has the ability to clear all events.

All of the displayed events may be sorted by **Time**, **Category**, **Name**, **Status** and **Origin**.

To sort events in ascending or descending order, just click on the corresponding column's header.

## All events

**Events/Alarms Display - Mozilla Firefox**

File Edit View History Bookmarks Tools Help

http://127.0.0.1/EventMonitoring/

**Events/Alarms Display**

Current Threat Level: **Normal** System Administration Cardholder Data **Event Monitoring** Hardware Configuration System Configuration Reports Historical Log Maps External Systems

**Millenium Xtra** Current Partition: **Default Partition** Logged User: Admin Time Online: 03:19 Base Online: 16:17

Events/Alarms Display Cardholder's Data Operator Control Controller Download Image Verification Event Monitor Configuration

**View Alarms (0)** **Install External AM** **View Live Video** **Enable Image Verification** **Full Screen**

**Event Monitor (24) Event Filter: All Events**

Time	Category	Name	Status	Origin
4/29/2011 3:48:16 PM GMT +03:00	Cardholder	Frank Alberts (Card #1)	Admitted	Controller-2-Door-1
4/29/2011 3:48:12 PM GMT +03:00	Cardholder	Frank Alberts (Card #1)	Admitted	Controller-1-Door-1
4/29/2011 3:48:09 PM GMT +03:00	Cardholder	Charles Daniels (Card #2)	Admitted	Controller-1-Door-1
4/29/2011 3:48:07 PM GMT +03:00	Output	Controller-1-RCD-1 Supervisor Relay	Activated	
4/29/2011 3:48:04 PM GMT +03:00	Output	Controller-1-RCD-1 Supervisor Relay	Deactivated	
4/29/2011 3:48:04 PM GMT +03:00	Cardholder	Charles Daniels (Card #2)	Denied access, it is not proper time p	Controller-1-Door-1
4/29/2011 3:47:49 PM GMT +03:00	Output	Controller-1-RCD-1 Supervisor Relay	Deactivated	
4/29/2011 3:47:49 PM GMT +03:00	Cardholder	Frank Alberts (Card #1)	Denied access, it is not proper time p	Controller-1-Door-1
4/29/2011 3:47:47 PM GMT +03:00	Output	Controller-1-RCD-1 Supervisor Relay	Activated	
4/29/2011 3:47:47 PM GMT +03:00	Cardholder	Frank Alberts (Card #1)	Denied access, it is not proper time p	Controller-1-Door-1
4/29/2011 3:47:39 PM GMT +03:00	Output	Controller-1-RCD-1 Supervisor Relay	Activated	
4/29/2011 3:47:37 PM GMT +03:00	Output	Controller-2-RCD-1 Supervisor Relay	Activated	
4/29/2011 3:47:34 PM GMT +03:00	Cardholder	Charles Daniels (Card #2)	Admitted	Controller-1-Door-1
4/29/2011 3:47:32 PM GMT +03:00	Cardholder	Charles Daniels (Card #2)	Denied access, it is not proper time p	Controller-1-Door-1
4/29/2011 3:47:19 PM GMT +03:00	Cardholder	Frank Alberts (Card #1)	Denied access, it is not proper time p	Controller-1-Door-1
4/29/2011 3:47:14 PM GMT +03:00	Output	Controller-1-RCD-1 Supervisor Relay	Deactivated	
4/29/2011 3:47:10 PM GMT +03:00	Output	Controller-1-RCD-1 Supervisor Relay	Deactivated	
4/29/2011 3:47:07 PM GMT +03:00	Output	Controller-1-RCD-1 Supervisor Relay	Activated	
4/29/2011 3:46:59 PM GMT +03:00	Output	Controller-1-RCD-1 Supervisor Relay	Activated	
4/29/2011 3:46:59 PM GMT +03:00	Cardholder	Charles Daniels (Card #2)	Denied access, it is not proper time p	Controller-1-Door-2
4/29/2011 3:46:52 PM GMT +03:00	Output	Controller-2-RCD-1 Supervisor Relay	Activated	
4/29/2011 3:46:40 PM GMT +03:00	Cardholder	Frank Alberts (Card #1)	Denied access, it is not proper time p	Controller-1-Door-1
4/29/2011 3:46:35 PM GMT +03:00	Cardholder	Frank Alberts (Card #1)	Admitted	Controller-1-Door-1
4/29/2011 12:58:20 PM GMT +03:00	Operator	ADMIN	Operator logged on	

**View Event Detail** **Clear All Events** **Log Message**

**Event Filter** **Operator Control** **Print**

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Waiting for 127.0.0.1...

**All events** link enable displaying of all Millenium Xtra System events without any filtering.

## Controllers events

The screenshot shows the 'Events/Alarms Display' window in Mozilla Firefox. The browser address bar shows 'http://127.0.0.1/EventMonitoring/default.aspx'. The interface includes a top navigation bar with tabs like 'System Administration', 'Cardholder Data', 'Event Monitoring' (selected), 'Hardware Configuration', 'System Configuration', 'Reports', 'Historical Log', 'Maps', and 'External Systems'. Below this is a 'Millenium Xtra' header with 'Current Partition: Default Partition' and 'Logged User: Admin'. A secondary navigation bar contains icons for 'Events/Alarms Display', 'Cardholder's Data', 'Operator Control', 'Controller Download', 'Image Verification', and 'Event Monitor Configuration'. A row of buttons includes 'View Alarms (0)', 'Install External AM', 'View Live Video', 'Enable Image Verification', and 'Full Screen'. The main content area is titled 'Event Monitor (22/46) Event Filter: Controllers' and displays a table of events.

Time	Category	Name	Status	Origin
4/29/2011 4:29:56 PM GMT +03:00	Controller	Controller-1	Executed operator command:Online	
4/29/2011 4:29:56 PM GMT +03:00	Controller	Controller-1	Operator command:Online	
4/29/2011 4:29:54 PM GMT +03:00	Controller	Controller-1	Executed operator command:Offline	
4/29/2011 4:29:54 PM GMT +03:00	Controller	Controller-1	Operator command:Offline	
4/29/2011 4:29:50 PM GMT +03:00	Controller	Controller-1	Executed operator command:Online	
4/29/2011 4:29:50 PM GMT +03:00	Controller	Controller-1	Operator command:Online	
4/29/2011 4:29:48 PM GMT +03:00	Controller	Controller-1	Executed operator command:Offline	
4/29/2011 4:29:48 PM GMT +03:00	Controller	Controller-1	Operator command:Offline	
4/29/2011 4:29:47 PM GMT +03:00	Controller	Controller-1	Date and Time download failed	
4/29/2011 4:29:47 PM GMT +03:00	Controller	Controller-1	Starting Date and Time download	
4/29/2011 4:29:45 PM GMT +03:00	Controller	Controller-1	Executed operator command:Online	
4/29/2011 4:29:45 PM GMT +03:00	Controller	Controller-1	Operator command:Online	
4/29/2011 4:29:43 PM GMT +03:00	Controller	Controller-2	Date and Time download failed	
4/29/2011 4:29:43 PM GMT +03:00	Controller	Controller-2	Starting Date and Time download	
4/29/2011 4:29:41 PM GMT +03:00	Controller	Controller-2	Executed operator command:Offline	
4/29/2011 4:29:41 PM GMT +03:00	Controller	Controller-2	Operator command:Offline	
4/29/2011 4:29:39 PM GMT +03:00	Controller	Controller-2	Executed operator command:Online	
4/29/2011 4:29:39 PM GMT +03:00	Controller	Controller-2	Operator command:Online	
4/29/2011 4:29:37 PM GMT +03:00	Controller	Controller-1	Executed operator command:Offline	
4/29/2011 4:29:37 PM GMT +03:00	Controller	Controller-1	Operator command:Offline	
4/29/2011 4:29:36 PM GMT +03:00	Controller	Controller-1	Executed operator command:Online	
4/29/2011 4:29:36 PM GMT +03:00	Controller	Controller-1	Operator command:Online	

At the bottom of the table area are buttons for 'View Event Detail', 'Clear All Events', 'Log Message', 'Event Filter', 'Operator Control', and 'Print'. The footer contains copyright information '©2000–2011 Millennium Group, Inc.' and links for 'Change Password', 'Company Info', 'Privacy Policy', and 'Open in Separate Window'. A status bar at the very bottom indicates 'Transferring data from 127.0.0.1...'.

**Controllers** link filters displaying of only those events which are related to controller(-s), i.e. Controller(-s) Download events, changing of their status (Online / Offline), initiation of processes of controller(-s)/reader(-s)/door(-s)/elevator(-s)/input(-s)/output(-s) download, Reset commands sent to controller(-s) etc.

Category for all of these events is **Controller** only.



## Doors events

Events/Alarms Display - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://127.0.0.1/EventMonitoring/default.aspx

Events/Alarms Display

Current Threat Level: Normal

System Administration Cardholder Data **Event Monitoring** Hardware Configuration System Configuration Reports Historical Log Maps External Systems

Millenium Xtra

Current Partition: Default Partition Logged User: Admin Time Online: 03:33 Base Online: 16:32

Events/Alarms Display Cardholder's Data Operator Control Controller Download Image Verification Event Monitor Configuration

View Alarms (0) Install External AM View Live Video Enable Image Verification Full Screen

Event Monitor (76) Event Filter: All Events

Time	Category	Name	Status	Origin
4/29/2011 4:31:53 PM GMT +03:00	Door	Controller-2-Door-1	Operator command	
4/29/2011 4:31:53 PM GMT +03:00	Door	Controller-2-Door-1	Operator command	
4/29/2011 4:31:52 PM GMT +03:00	Door	Controller-2-Door-1	Operator command	
4/29/2011 4:31:52 PM GMT +03:00	Door	Controller-2-Door-1	Operator command	
4/29/2011 4:31:50 PM GMT +03:00	Door	Controller-2-Door-1	Operator command	
4/29/2011 4:31:50 PM GMT +03:00	Door	Controller-2-Door-1	Operator command	
4/29/2011 4:31:47 PM GMT +03:00	Door	Controller-1-Door-1	Operator command	
4/29/2011 4:31:47 PM GMT +03:00	Door	Controller-1-Door-1	Operator command	
4/29/2011 4:31:45 PM GMT +03:00	Door	Controller-1-Door-1	Operator command	
4/29/2011 4:31:45 PM GMT +03:00	Door	Controller-1-Door-1	Operator command	
4/29/2011 4:31:42 PM GMT +03:00	Door	Controller-2-Door-1	Operator command	
4/29/2011 4:31:42 PM GMT +03:00	Door	Controller-2-Door-1	Operator command	
4/29/2011 4:31:40 PM GMT +03:00	Door	Controller-2-Door-1	Operator command	
4/29/2011 4:31:40 PM GMT +03:00	Door	Controller-2-Door-1	Operator command	
4/29/2011 4:31:36 PM GMT +03:00	Door	Controller-1-Door-1	Operator command	
4/29/2011 4:31:36 PM GMT +03:00	Door	Controller-1-Door-1	Operator command	
4/29/2011 4:31:34 PM GMT +03:00	Door	Controller-2-Door-1	Operator command	
4/29/2011 4:31:34 PM GMT +03:00	Door	Controller-2-Door-1	Operator command	
4/29/2011 4:31:32 PM GMT +03:00	Door	Controller-2-Door-1	Operator command	
4/29/2011 4:31:32 PM GMT +03:00	Door	Controller-2-Door-1	Operator command	
4/29/2011 4:31:30 PM GMT +03:00	Door	Controller-1-Door-2	Operator command	
4/29/2011 4:31:30 PM GMT +03:00	Door	Controller-1-Door-2	Operator command	
4/29/2011 4:31:29 PM GMT +03:00	Door	Controller-1-Door-2	Operator command	
4/29/2011 4:31:29 PM GMT +03:00	Door	Controller-1-Door-2	Operator command	
4/29/2011 4:31:26 PM GMT +03:00	Door	Controller-1-Door-1	Operator command	
4/29/2011 4:31:26 PM GMT +03:00	Door	Controller-1-Door-1	Operator command	

View Event Detail Clear All Events Log Message

Event Filter Operator Control Print

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Transferring data from 127.0.0.1...

**Doors** link filters displaying of only those events which are related to doors, i.e. door(-s) Lock / Unlock events, Momentary Unlock, Momentary Forgive APB etc.

Category for all of these events is **Door** only.

## Readers events

The screenshot shows the 'Events/Alarms Display' window in Mozilla Firefox. The browser address bar shows 'http://127.0.0.1/EventMonitoring/default.aspx'. The interface includes a top navigation bar with tabs like 'System Administration', 'Cardholder Data', 'Event Monitoring' (selected), 'Hardware Configuration', 'System Configuration', 'Reports', 'Historical Log', 'Maps', and 'External Systems'. Below this is a 'Millenium Xtra' header with 'Current Partition: Default Partition' and 'Logged User: Admin'. A secondary navigation bar contains icons for 'Events/Alarms Display', 'Cardholder's Data', 'Operator Control', 'Controller Download', 'Image Verification', and 'Event Monitor Configuration'. A row of buttons includes 'View Alarms (0)', 'Install External AM', 'View Live Video', 'Enable Image Verification', and 'Full Screen'. The main area displays a table titled 'Event Monitor (76) Event Filter: All Events' with columns: Time, Category, Name, Status, and Origin. The table lists 18 events from 4/29/2011 4:31:34 PM GMT +03:00 to 4:31:53 PM GMT +03:00, all categorized as 'Reader' and involving 'Operator command' status changes for readers E1, E3, D2, and D1. At the bottom, there are buttons for 'View Event Detail', 'Clear All Events', 'Log Message', 'Event Filter', 'Operator Control', and 'Print'. The footer contains copyright information for Millennium Group, Inc. and links for 'Change Password', 'Company Info', 'Privacy Policy', and 'Open in Separate Window'.

Time	Category	Name	Status	Origin
4/29/2011 4:31:53 PM GMT +03:00	Reader	Reader-E1	Operator command failed:Online	
4/29/2011 4:31:53 PM GMT +03:00	Reader	Reader-E1	Operator command:Online	
4/29/2011 4:31:52 PM GMT +03:00	Reader	Reader-E3	Operator command failed:Online	
4/29/2011 4:31:52 PM GMT +03:00	Reader	Reader-E3	Operator command:Online	
4/29/2011 4:31:50 PM GMT +03:00	Reader	Reader-E1	Operator command failed:Online	
4/29/2011 4:31:50 PM GMT +03:00	Reader	Reader-E1	Operator command:Online	
4/29/2011 4:31:47 PM GMT +03:00	Reader	Reader-E1	Operator command failed:Offline	
4/29/2011 4:31:47 PM GMT +03:00	Reader	Reader-E1	Operator command:Offline	
4/29/2011 4:31:45 PM GMT +03:00	Reader	Reader-E1	Operator command failed:Online	
4/29/2011 4:31:45 PM GMT +03:00	Reader	Reader-E1	Operator command:Online	
4/29/2011 4:31:42 PM GMT +03:00	Reader	Reader-D2	Operator command failed:Online	
4/29/2011 4:31:42 PM GMT +03:00	Reader	Reader-D2	Operator command:Online	
4/29/2011 4:31:40 PM GMT +03:00	Reader	Reader-D2	Operator command failed:Offline	
4/29/2011 4:31:40 PM GMT +03:00	Reader	Reader-D2	Operator command:Offline	
4/29/2011 4:31:36 PM GMT +03:00	Reader	Reader-D1	Operator command failed:Online	
4/29/2011 4:31:36 PM GMT +03:00	Reader	Reader-D1	Operator command:Online	
4/29/2011 4:31:34 PM GMT +03:00	Reader	Reader-D1	Operator command failed:Offline	
4/29/2011 4:31:34 PM GMT +03:00	Reader	Reader-D1	Operator command:Offline	

**Readers** link filters displaying of only those events which are related to reader(-s), i.e. changing of reader's status (Online / Offline) etc.

Category for all of these events is **Reader** only.



## Outputs events

Events/Alarms Display - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://127.0.0.1/EventMonitoring/default.aspx

Events/Alarms Display

Current Threat Level: **Normal**

System Administration Cardholder Data **Event Monitoring** Hardware Configuration System Configuration Reports Historical Log Maps External Systems

Millenium Xtra

Current Partition: Default Partition Logged User: Admin Time Online: 03:51 Base Online: 16:49

Events/Alarms Display Cardholder's Data Operator Control Controller Download Image Verification Event Monitor Configuration

View Alarms (0) Install External AM View Live Video Enable Image Verification Full Screen

Event Monitor (11/128) Event Filter: Outputs

Time	Category	Name	Status	Origin
4/29/2011 3:48:07 PM GMT +03:00	Output	Controller-1-RCD-1 Supervisor Relay	Activated	
4/29/2011 3:48:04 PM GMT +03:00	Output	Controller-1-RCD-1 Supervisor Relay	Deactivated	
4/29/2011 3:47:49 PM GMT +03:00	Output	Controller-1-RCD-1 Supervisor Relay	Deactivated	
4/29/2011 3:47:47 PM GMT +03:00	Output	Controller-1-RCD-1 Supervisor Relay	Activated	
4/29/2011 3:47:39 PM GMT +03:00	Output	Controller-1-RCD-1 Supervisor Relay	Activated	
4/29/2011 3:47:37 PM GMT +03:00	Output	Controller-2-RCD-1 Supervisor Relay	Activated	
4/29/2011 3:47:14 PM GMT +03:00	Output	Controller-1-RCD-1 Supervisor Relay	Deactivated	
4/29/2011 3:47:10 PM GMT +03:00	Output	Controller-1-RCD-1 Supervisor Relay	Deactivated	
4/29/2011 3:47:07 PM GMT +03:00	Output	Controller-1-RCD-1 Supervisor Relay	Activated	
4/29/2011 3:46:59 PM GMT +03:00	Output	Controller-1-RCD-1 Supervisor Relay	Activated	
4/29/2011 3:46:52 PM GMT +03:00	Output	Controller-2-RCD-1 Supervisor Relay	Activated	

View Event Detail Clear All Events Log Message

Event Filter Operator Control Print

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Transferring data from 127.0.0.1...

**Outputs** link filters displaying of only those events which are related to Output(-s), i.e. changing of output's status (Activated / Deactivated), Pulse Output etc.

Category for all of these events is **Output** only.

## Inputs events

The screenshot shows the Millennium Xtra web interface in a Mozilla Firefox browser. The page title is "Events/Alarms Display - Mozilla Firefox". The address bar shows the URL "http://127.0.0.1/EventMonitoring/default.aspx". The interface includes a navigation menu with options like "System Administration", "Cardholder Data", "Event Monitoring" (highlighted), "Hardware Configuration", "System Configuration", "Reports", "Historical Log", "Maps", and "External Systems". Below the menu, there's a "Current Threat Level: Normal" indicator and a "Current Partition: Default Partition" dropdown. The "Logged User: Admin" is shown with "Time Online: 03:51" and "Base Online: 16:49".

The main content area displays a table of events under the heading "Event Monitor (11/128) Event Filter: Outputs". The table has columns for "Time", "Category", "Name", "Status", and "Origin". The events listed are all "Input" category events from "Input-Door-1(DCD-1)" with various status messages like "Operator command failed: Command not supported", "Operator command: Shunt", "Operator command failed: Offline", "Operator command: Offline", "Operator command failed: Online", "Operator command: Online", "Operator command failed: Command not supported", "Operator command: Unshunt", "Operator command failed: Command not supported", "Operator command: Shunt", and "Operator command failed: Offline".

At the bottom of the table, there are buttons for "View Event Detail", "Clear All Events", "Log Message", "Event Filter", "Operator Control", and "Print".

The footer contains copyright information "©2000–2011 Millennium Group, Inc." and links for "Change Password", "Company Info", "Privacy Policy", and "Open in Separate Window". A status bar at the bottom indicates "Transferring data from 127.0.0.1...".

Time	Category	Name	Status	Origin
4/29/2011 3:48:07 PM GMT +03:00	Input	Input-Door-1(DCD-1)	Operator command failed: Command not supported	
4/29/2011 3:48:04 PM GMT +03:00	Input	Input-Door-1(DCD-1)	Operator command: Shunt	
4/29/2011 3:47:49 PM GMT +03:00	Input	Input-Door-1(DCD-1)	Operator command failed: Offline	
4/29/2011 3:47:47 PM GMT +03:00	Input	Input-Door-1(DCD-1)	Operator command: Offline	
4/29/2011 3:47:39 PM GMT +03:00	Input	Input-Door-1(DCD-1)	Operator command failed: Online	
4/29/2011 3:47:37 PM GMT +03:00	Input	Input-Door-1(DCD-1)	Operator command: Online	
4/29/2011 3:47:14 PM GMT +03:00	Input	Input-Door-1(DCD-1)	Operator command failed: Command not supported	
4/29/2011 3:47:10 PM GMT +03:00	Input	Input-Door-1(DCD-1)	Operator command: Unshunt	
4/29/2011 3:47:07 PM GMT +03:00	Input	Input-Door-1(DCD-1)	Operator command failed: Command not supported	
4/29/2011 3:46:59 PM GMT +03:00	Input	Input-Door-1(DCD-1)	Operator command: Shunt	
4/29/2011 3:46:52 PM GMT +03:00	Input	Input-Door-1(DCD-1)	Operator command failed: Offline	

**Inputs** link filters displaying of only those events which are related to Input(-s), i.e. change of input's status (Online / Offline), Input Shunted etc.

Category for all of these events is **Input** only.

## Cardholders events

Events/Alarms Display - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://127.0.0.1/EventMonitoring/default.aspx

Events/Alarms Display

Current Threat Level: Normal

System Administration Cardholder Data **Event Monitoring** Hardware Configuration System Configuration Reports Historical Log Maps External Systems

Millenium Xtra

Current Partition: Default Partition Logged User: Admin Time Online: 03:53 Base Online: 16:51

Events/Alarms Display Cardholder's Data Operator Control Controller Download Image Verification Event Monitor Configuration

View Alarms (0) Install External AM View Live Video Enable Image Verification Full Screen

Event Monitor (12/128) Event Filter: Cardholders

Time	Category	Name	Status	Origin
4/29/2011 3:48:16 PM GMT +03:00	Cardholder	Frank Alberts (Card #1)	Admitted	Controller-2-Door-1
4/29/2011 3:48:12 PM GMT +03:00	Cardholder	Frank Alberts (Card #1)	Admitted	Controller-1-Door-1
4/29/2011 3:48:09 PM GMT +03:00	Cardholder	Charles Daniels (Card #2)	Admitted	Controller-1-Door-1
4/29/2011 3:48:04 PM GMT +03:00	Cardholder	Charles Daniels (Card #2)	Denied access, it is not proper time period	Controller-1-Door-1
4/29/2011 3:47:49 PM GMT +03:00	Cardholder	Frank Alberts (Card #1)	Denied access, it is not proper time period	Controller-1-Door-1
4/29/2011 3:47:47 PM GMT +03:00	Cardholder	Frank Alberts (Card #1)	Denied access, it is not proper time period	Controller-1-Door-1
4/29/2011 3:47:34 PM GMT +03:00	Cardholder	Charles Daniels (Card #2)	Admitted	Controller-1-Door-1
4/29/2011 3:47:32 PM GMT +03:00	Cardholder	Charles Daniels (Card #2)	Denied access, it is not proper time period	Controller-1-Door-1
4/29/2011 3:47:19 PM GMT +03:00	Cardholder	Frank Alberts (Card #1)	Denied access, it is not proper time period	Controller-1-Door-1
4/29/2011 3:46:59 PM GMT +03:00	Cardholder	Charles Daniels (Card #2)	Denied access, it is not proper time period	Controller-1-Door-2
4/29/2011 3:46:40 PM GMT +03:00	Cardholder	Frank Alberts (Card #1)	Denied access, it is not proper time period	Controller-1-Door-1
4/29/2011 3:46:35 PM GMT +03:00	Cardholder	Frank Alberts (Card #1)	Admitted	Controller-1-Door-1

View Event Detail Clear All Events Log Message

Event Filter Operator Control Print

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Waiting for 127.0.0.1...

**Cardholders** link filters displaying of only those events which are related to Cardholder(-s), i.e. admitted or denied access for different cardholder(-s) etc.

Category for all of these events is **Cardholder** only.

## Operators events

Events/Alarms Display - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://127.0.0.1/EventMonitoring/default.aspx

Events/Alarms Display

Current Threat Level: Normal

System Administration Cardholder Data **Event Monitoring** Hardware Configuration System Configuration Reports Historical Log Maps External Systems

Millenium Xtra

Current Partition: Default Partition Logged User: Admin Time Online: 03:54 Base Online: 16:52

Events/Alarms Display Cardholder's Data Operator Control Controller Download Image Verification Event Monitor Configuration

View Alarms (0) Install External AM View Live Video Enable Image Verification Full Screen

Event Monitor (1/128) Event Filter: Operators

Time	Category	Name	Status	Origin
4/29/2011 12:58:20 PM GMT +03:00	Operator	ADMIN	Operator logged on	

View Event Detail Clear All Events Log Message

Event Filter Operator Control Print

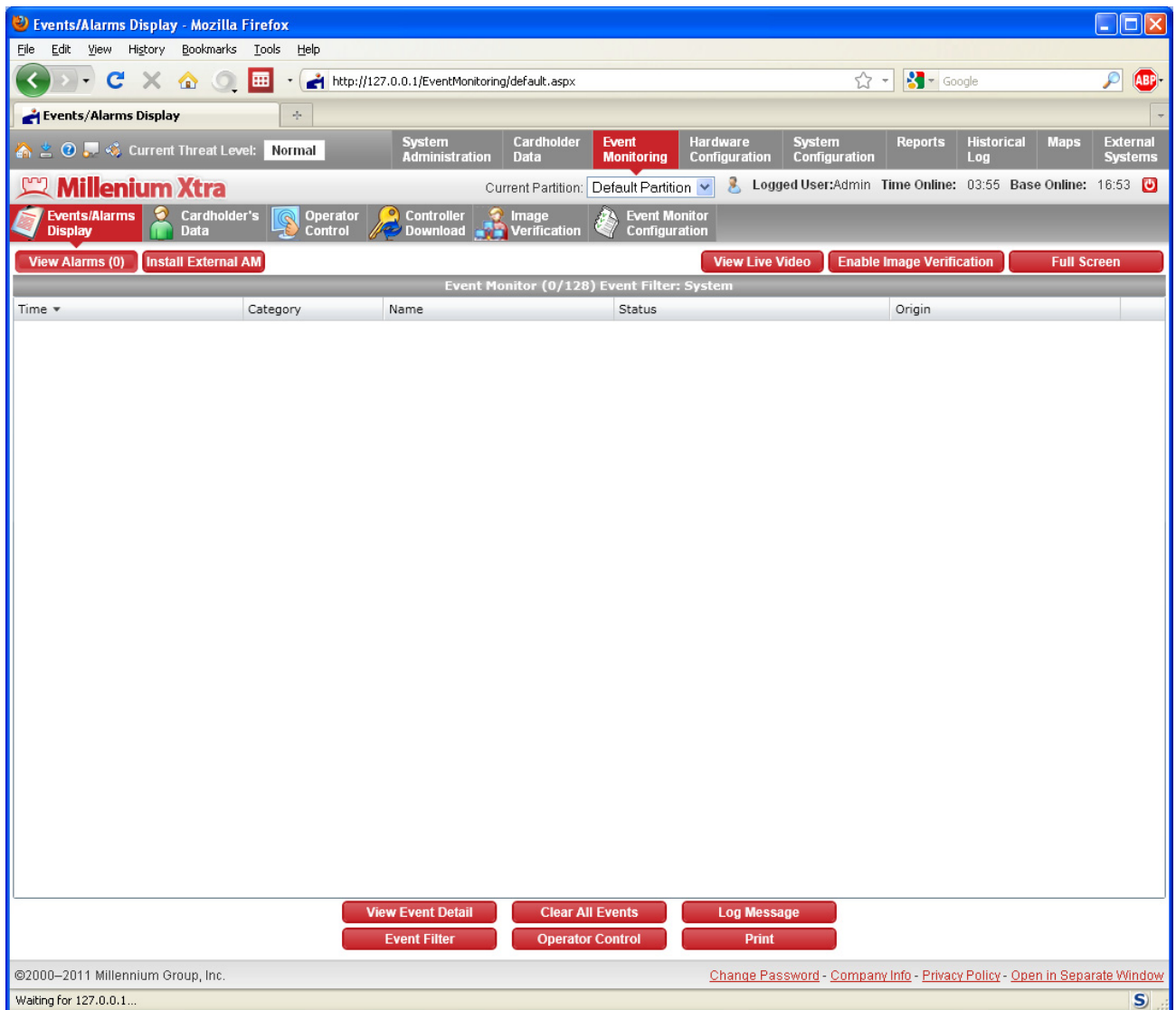
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Transferring data from 127.0.0.1...

**Operators** link filters displaying of only those events which are related to Millenium Xtra System Operator(-s), i.e. their Logging In / Logging Out, Posting of comments by operator(-s), Changing of Threat Levels by Operator(-s) etc.

Category for all of these events is **Operator** only.

## System events



**System** link filters displaying of only those inner events which are related to the Millenium Xtra System (scheduling, backing up etc.)

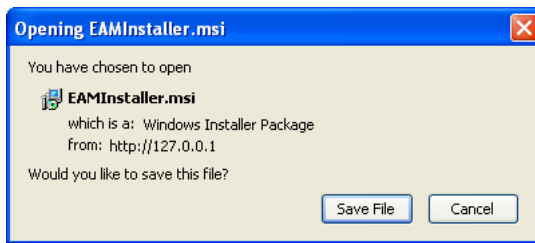
Category for all of these events is **System** only.

### Available buttons.

There are following buttons available for **Event Monitoring - Events/Alarms Display** screen:

At the top there are 5 buttons -

- View Alarms – enable view alarm(-s) if there was/were any. Number of alarm(-s) is always displayed in brackets inside button's body.
- Install External AM – enables to install an external alarm monitor for the Millenium Xtra System.



- View Live Video – enables view live video via CCTV if it is installed.
- Enable Image Verification – Image verification may be enabled or disabled.
- Full Screen - enables viewing of events in the full screen mode:

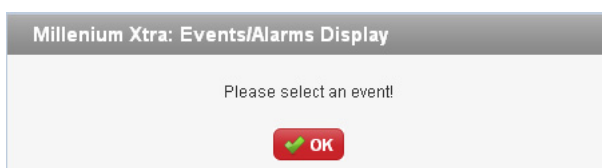
Time	Category	Name	Status	Origin
4/29/2011 4:29:36 PM GMT +03:00	Controller	Controller-1	Executed operator command:Online	
4/29/2011 4:29:36 PM GMT +03:00	Controller	Controller-1	Operator command:Online	
4/29/2011 3:48:16 PM GMT +03:00	Cardholder	Frank Alberts (Card #1)	Admitted	Controller-2-Door-1
4/29/2011 3:48:12 PM GMT +03:00	Cardholder	Frank Alberts (Card #1)	Admitted	Controller-1-Door-1
4/29/2011 3:48:09 PM GMT +03:00	Cardholder	Charles Daniels (Card #2)	Admitted	Controller-1-Door-1
4/29/2011 3:48:07 PM GMT +03:00	Output	Controller-1-RCD-1 Supervisor Relay	Activated	
4/29/2011 3:48:04 PM GMT +03:00	Output	Controller-1-RCD-1 Supervisor Relay	Deactivated	
4/29/2011 3:48:04 PM GMT +03:00	Cardholder	Charles Daniels (Card #2)	Denied access, it is not proper time period	Controller-1-Door-1
4/29/2011 3:47:49 PM GMT +03:00	Output	Controller-1-RCD-1 Supervisor Relay	Deactivated	
4/29/2011 3:47:49 PM GMT +03:00	Cardholder	Frank Alberts (Card #1)	Denied access, it is not proper time period	Controller-1-Door-1
4/29/2011 3:47:47 PM GMT +03:00	Output	Controller-1-RCD-1 Supervisor Relay	Activated	
4/29/2011 3:47:47 PM GMT +03:00	Cardholder	Frank Alberts (Card #1)	Denied access, it is not proper time period	Controller-1-Door-1
4/29/2011 3:47:39 PM GMT +03:00	Output	Controller-1-RCD-1 Supervisor Relay	Activated	
4/29/2011 3:47:37 PM GMT +03:00	Output	Controller-2-RCD-1 Supervisor Relay	Activated	
4/29/2011 3:47:34 PM GMT +03:00	Cardholder	Charles Daniels (Card #2)	Admitted	Controller-1-Door-1
4/29/2011 3:47:32 PM GMT +03:00	Cardholder	Charles Daniels (Card #2)	Denied access, it is not proper time period	Controller-1-Door-1
4/29/2011 3:47:19 PM GMT +03:00	Cardholder	Frank Alberts (Card #1)	Denied access, it is not proper time period	Controller-1-Door-1
4/29/2011 3:47:14 PM GMT +03:00	Output	Controller-1-RCD-1 Supervisor Relay	Deactivated	
4/29/2011 3:47:10 PM GMT +03:00	Output	Controller-1-RCD-1 Supervisor Relay	Deactivated	
4/29/2011 3:47:07 PM GMT +03:00	Output	Controller-1-RCD-1 Supervisor Relay	Activated	
4/29/2011 3:46:59 PM GMT +03:00	Output	Controller-1-RCD-1 Supervisor Relay	Activated	
4/29/2011 3:46:59 PM GMT +03:00	Cardholder	Charles Daniels (Card #2)	Denied access, it is not proper time period	Controller-1-Door-2
4/29/2011 3:46:52 PM GMT +03:00	Output	Controller-2-RCD-1 Supervisor Relay	Activated	
4/29/2011 3:46:40 PM GMT +03:00	Cardholder	Frank Alberts (Card #1)	Denied access, it is not proper time period	Controller-1-Door-1
4/29/2011 3:46:35 PM GMT +03:00	Cardholder	Frank Alberts (Card #1)	Admitted	Controller-1-Door-1

To return to Normal View mode, press Back to site button (it is situated in the top-right corner).

At the bottom there are 5 buttons -

- View Event Detail – to view current event's details. Current event may be selected with the help of mouse click and this event is always highlighted. If no record is selected, error popup message will appear:

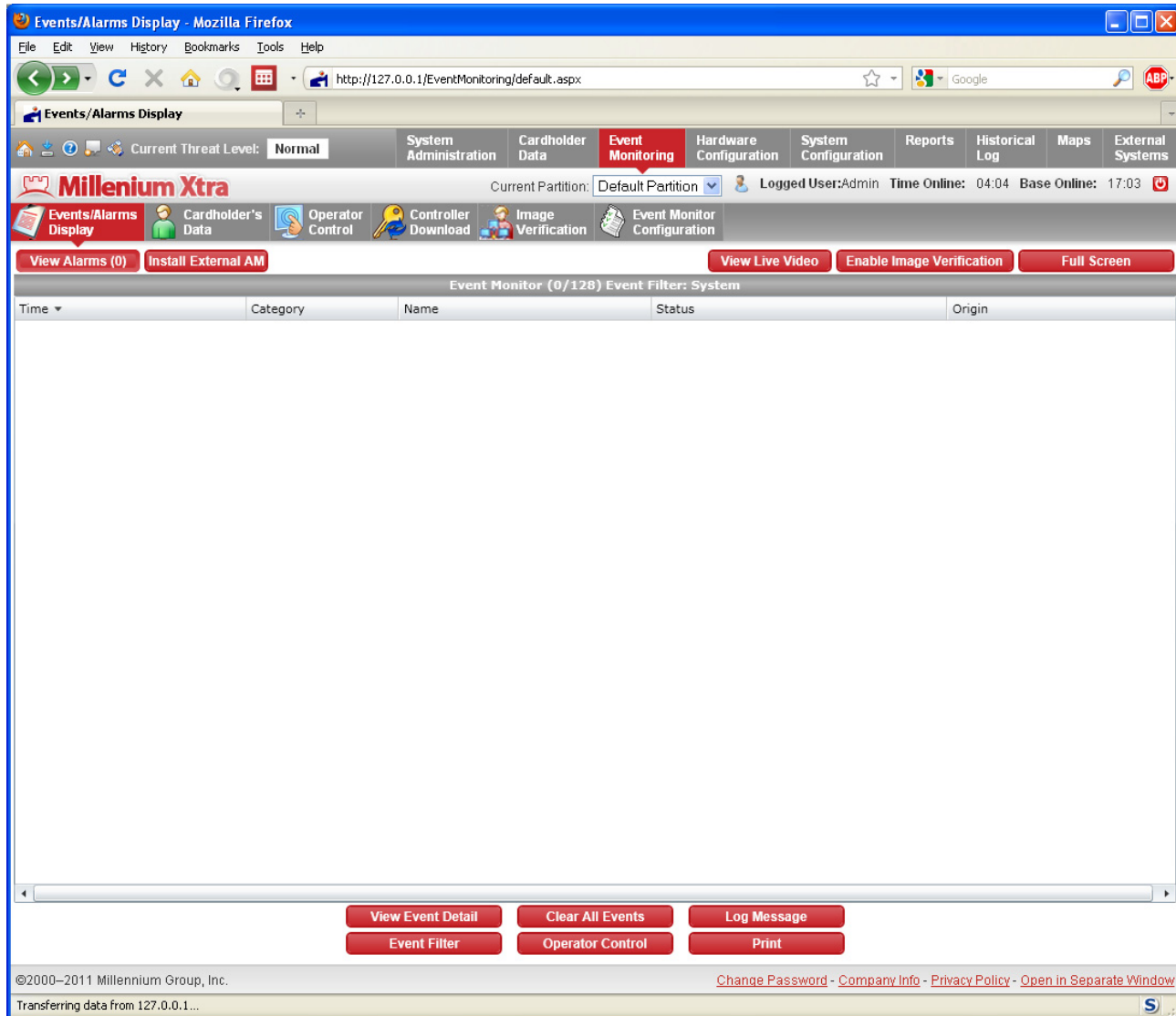
Please select an event! - OK



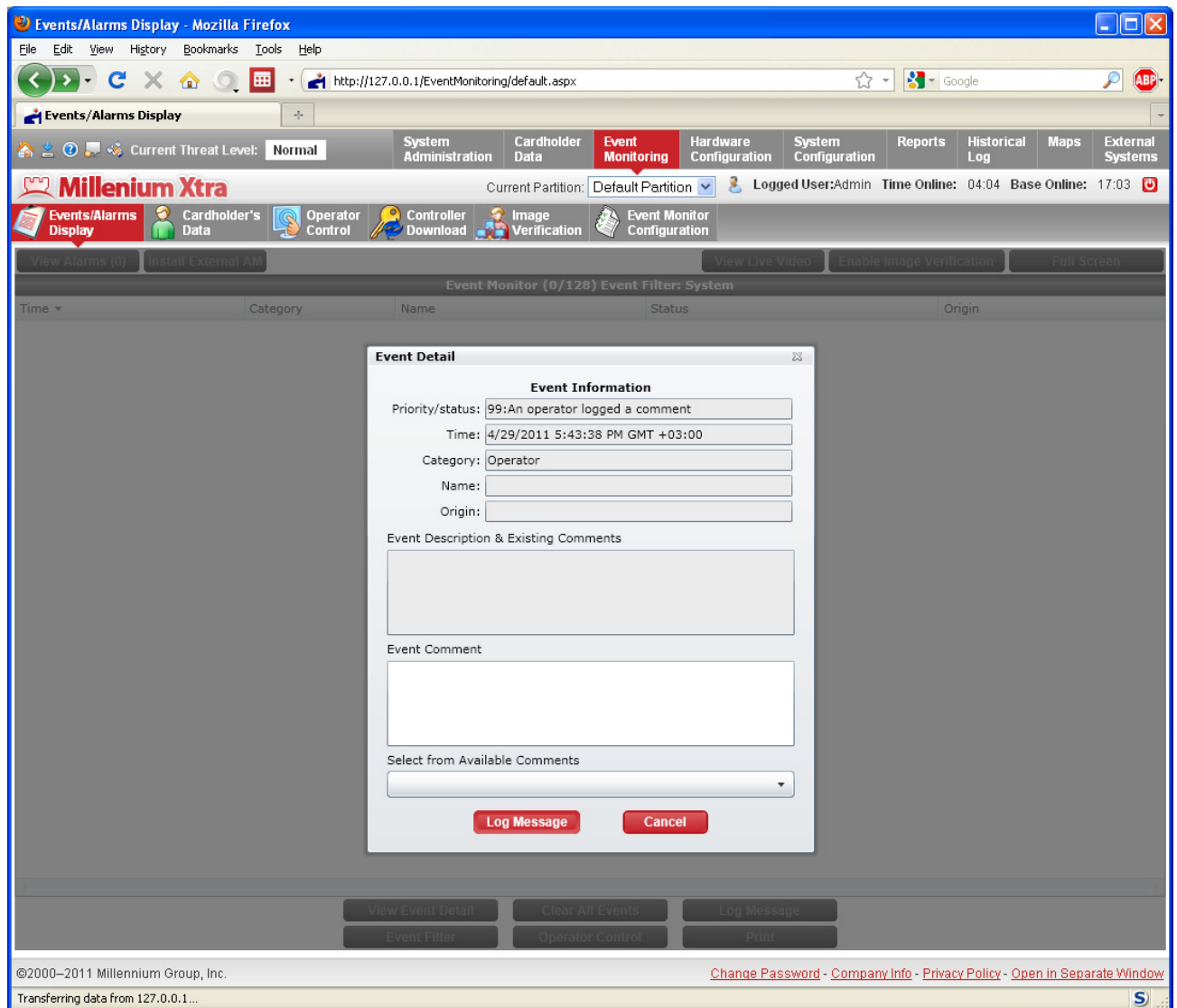


**Note.** You may also display any event detail(-s) by double-clicking on a required event item in the events table.

- Clear All Events – clears all events without confirmation. The screen will be empty:

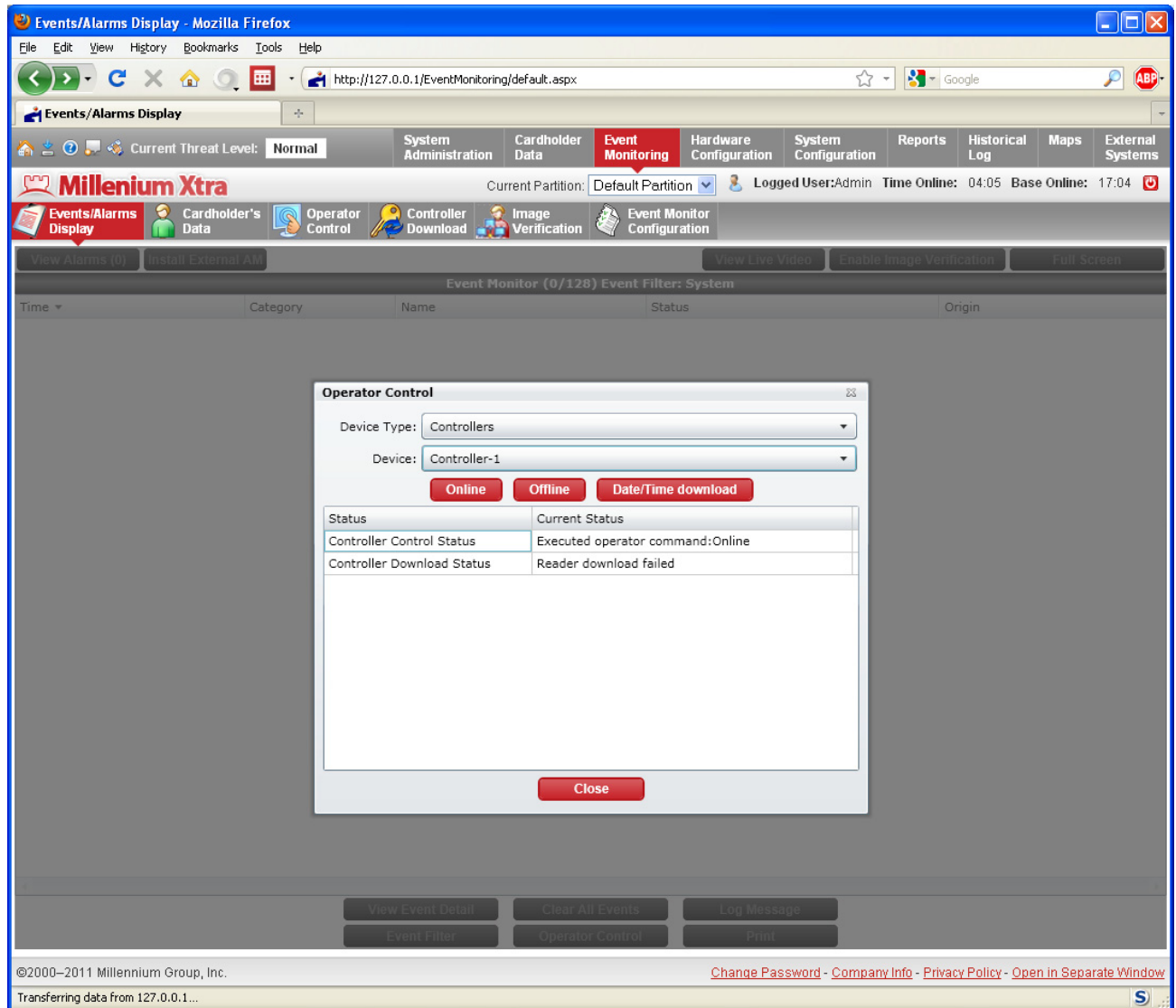


- Log Message – enables to log a message for an Operator. The Millenium Xtra Operator will obtain popup window, where he (she) could enter any necessary information into the **Event Comment** field:





- Operator Control – for operator control under any of the system devices. Press this button, in the popup window select necessary type of device (among Controllers, Doors, Readers, Regions, Elevators, Inputs, Outputs, Door Groups). Then Select the necessary device by its name. Depending on what device has been selected, the Operator can change its status to Online, Offline (for Controllers and Readers); Normal, Lock, Unlock, Momentary, Forgive APB (for Doors and Door Groups); Set to Maximum Count / Reset Count (for Regions); None, Unlock, Lock, Remote Unlock (for Elevators); Online, Offline, Shunt, Clear Shunt (for Inputs); Activate, De-activate, Pulse (for Outputs). Press Close button when done:



- Print – for print-friendly output:

Alarm/Event Monitor Printing - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://127.0.0.1/EventMonitoring/Printing.aspx?ID=0

Events/Alarms Display Alarm/Event Monitor Printing

4/29/2011 4:29:48 PM GMT +03:00	Controller	Controller-1	Executed operator command:Offline	
4/29/2011 4:29:48 PM GMT +03:00	Controller	Controller-1	Operator command:Offline	
4/29/2011 4:29:47 PM GMT +03:00	Controller	Controller-1	Date and Time download failed	
4/29/2011 4:29:47 PM GMT +03:00	Controller	Controller-1	Starting Date and Time download	
4/29/2011 4:29:45 PM GMT +03:00	Controller	Controller-1	Executed operator command:Online	
4/29/2011 4:29:45 PM GMT +03:00	Controller	Controller-1	Operator command:Online	
4/29/2011 4:29:43 PM GMT +03:00	Controller	Controller-2	Date and Time download failed	
4/29/2011 4:29:43 PM GMT +03:00	Controller	Controller-2	Starting Date and Time download	
4/29/2011 4:29:41 PM GMT +03:00	Controller	Controller-2	Executed operator command:Offline	
4/29/2011 4:29:41 PM GMT +03:00	Controller	Controller-2	Operator command:Offline	
4/29/2011 4:29:39 PM GMT +03:00	Controller	Controller-2	Executed operator command:Online	
4/29/2011 4:29:39 PM GMT +03:00	Controller	Controller-2	Operator command:Online	
4/29/2011 4:29:37 PM GMT +03:00	Controller	Controller-1	Executed operator command:Offline	
4/29/2011 4:29:37 PM GMT +03:00	Controller	Controller-1	Operator command:Offline	
4/29/2011 4:29:36 PM GMT +03:00	Controller	Controller-1	Executed operator command:Online	
4/29/2011 4:29:36 PM GMT +03:00	Controller	Controller-1	Operator command:Online	
4/29/2011 3:48:16 PM GMT +03:00	Cardholder	Frank Alberts (Card #1)	Admitted	Controller-2-Door-1
4/29/2011 3:48:12 PM GMT +03:00	Cardholder	Frank Alberts (Card #1)	Admitted	Controller-1-Door-1
4/29/2011 3:48:09 PM GMT +03:00	Cardholder	Charles Daniels (Card #2)	Admitted	Controller-1-Door-1
4/29/2011 3:48:07 PM GMT +03:00	Output	Controller-1-RCD-1 Supervisor Relay	Activated	
4/29/2011 3:48:04 PM GMT +03:00	Output	Controller-1-RCD-1 Supervisor Relay	Deactivated	
4/29/2011 3:48:04 PM GMT +03:00	Cardholder	Charles Daniels (Card #2)	Denied access, it is not proper time period	Controller-1-Door-1
4/29/2011 3:47:49 PM GMT +03:00	Output	Controller-1-RCD-1 Supervisor Relay	Deactivated	
4/29/2011 3:47:49 PM GMT +03:00	Cardholder	Frank Alberts (Card #1)	Denied access, it is not proper time period	Controller-1-Door-1
4/29/2011 3:47:47 PM GMT +03:00	Output	Controller-1-RCD-1 Supervisor Relay	Activated	
4/29/2011 3:47:47 PM GMT +03:00	Cardholder	Frank Alberts (Card #1)	Denied access, it is not proper time period	Controller-1-Door-1
4/29/2011 3:47:39 PM GMT +03:00	Output	Controller-1-RCD-1 Supervisor Relay	Activated	
4/29/2011 3:47:37 PM GMT +03:00	Output	Controller-2-RCD-1 Supervisor Relay	Activated	
4/29/2011 3:47:34 PM GMT +03:00	Cardholder	Charles Daniels (Card #2)	Admitted	Controller-1-Door-1
4/29/2011 3:47:32 PM GMT +03:00	Cardholder	Charles Daniels (Card #2)	Denied access, it is not proper time period	Controller-1-Door-1
4/29/2011 3:47:19 PM GMT +03:00	Cardholder	Frank Alberts (Card #1)	Denied access, it is not proper time period	Controller-1-Door-1
4/29/2011 3:47:14 PM GMT +03:00	Output	Controller-1-RCD-1 Supervisor Relay	Deactivated	
4/29/2011 3:47:10 PM GMT +03:00	Output	Controller-1-RCD-1 Supervisor Relay	Deactivated	
4/29/2011 3:47:07 PM GMT +03:00	Output	Controller-1-RCD-1 Supervisor Relay	Activated	
4/29/2011 3:46:59 PM GMT +03:00	Output	Controller-1-RCD-1 Supervisor Relay	Activated	
4/29/2011 3:46:59 PM GMT +03:00	Cardholder	Charles Daniels (Card #2)	Denied access, it is not proper time period	Controller-1-Door-2
4/29/2011 3:46:52 PM GMT +03:00	Output	Controller-2-RCD-1 Supervisor Relay	Activated	
4/29/2011 3:46:40 PM GMT +03:00	Cardholder	Frank Alberts (Card #1)	Denied access, it is not proper time period	Controller-1-Door-1
4/29/2011 3:46:35 PM GMT +03:00	Cardholder	Frank Alberts (Card #1)	Admitted	Controller-1-Door-1
4/29/2011 12:58:20 PM GMT +03:00	Operator	ADMIN	Operator logged on	

Done

Choose the desired printer among available in your system and press OK button.

## Event Monitoring - Cardholder's Data

### Cardholder's Data

This section of the Millenium Xtra System is intended **only for viewing** of Cardholder Data Records. To edit, add or delete Cardholder Data Records, use Cardholder Data item of the **Top Menu**.

All the information about Millenium Xtra System cardholders is stored in three tabs:

- **Card Information tab**
- **General Information tab**
- **Additional Information tab.**

Select the desired Cardholder Name using the alphabetic tree in the left part of a screen.

Then use necessary tabs to view the selected Cardholder's information records.

These tabs are described below.

## Event Monitoring - Cardholder's Data - General Information

### General Information Tab.

The screenshot shows a web application interface for 'Cardholder's Data' in a Mozilla Firefox browser. The address bar shows the URL: `http://127.0.0.1/EventMonitoring/cardholdersdata.aspx?ID=50`. The application has a top navigation bar with tabs: System Administration, Cardholder Data, Event Monitoring (active), Hardware Configuration, System Configuration, Reports, Historical Log, Maps, and External Systems. Below this is a status bar showing 'Current Threat Level: Normal', 'Current Partition: Default Partition', 'Logged User: Admin', 'Time Online: 04:51', and 'Base Online: 17:50'. The main content area is titled 'Cardholder's Data' and features a left sidebar with a list of cardholders (A through Z and Other). The 'Alberts, F' cardholder is selected. The main panel displays the 'General Information' tab for this cardholder, with fields for Primary Location, Department, Internal Phone, Issue Date, Company E-mail, Employee Class, Master Area, Supervisor, and Employment Date. A large text area for 'Comment 1' is also present. A 'Help' button is located at the bottom right of the main panel. The footer of the application shows the copyright '©2000-2011 Millennium Group, Inc.' and links for 'Change Password', 'Company Info', 'Privacy Policy', and 'Open in Separate Window'.

Cardholder's Data - Mozilla Firefox

File Edit View History Bookmarks Tools Help

`http://127.0.0.1/EventMonitoring/cardholdersdata.aspx?ID=50`

Cardholder's Data

Current Threat Level: Normal

System Administration Cardholder Data Event Monitoring Hardware Configuration System Configuration Reports Historical Log Maps External Systems

Millenium Xtra

Current Partition: Default Partition

Logged User: Admin Time Online: 04:51 Base Online: 17:50

Events/Alarms Display Cardholder's Data Operator Control Controller Download Image Verification Event Monitor Configuration

Card Information General Information Additional Information

Primary Location:  Master Area:

Department:  Supervisor:

Internal Phone:

Issue Date:  Employment Date:

Company E-mail:

Employee Class:

Comment 1:

Help

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Done

#### Available Fields:

**Primary Location:** field to view Primary Location for the current Cardholder.

**Department:** field to view Department for the current Cardholder.

**Internal Phone:** field to view Internal Phone for the current Cardholder.

**Issue Date:** field to view Issue Date for the current Cardholder.

**Company E-mail:** field to view Company E-mail address for the current Cardholder.

**Employee Class:** field to view Employee Class for the current Cardholder.

**Master Area:** field to view Master Area for the current Cardholder.

**Supervisor:** field to view Supervisor name for the current Cardholder.

**Employment Date:** field to view Employment Date for the current Cardholder.

**Comment 1:** field to view any general comments (Comment 1) for the current Cardholder.

<< < > >> buttons allow navigation (First Cardholder, Previous Cardholder, Next Cardholder, Last Cardholder) through available cardholder records.

## Event Monitoring - Cardholder's Data - Card Information

### Card Information Tab

Cardholder's Data - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://127.0.0.1/EventMonitoring/cardholdersdata.aspx?ID=50

Cardholder's Data

Current Threat Level: Normal

System Administration Cardholder Data **Event Monitoring** Hardware Configuration System Configuration Reports Historical Log Maps External Systems

Millenium Xtra

Current Partition: Default Partition Logged User: Admin Time Online: 04:49 Base Online: 17:48

Events/Alarms Display Cardholder's Data Operator Control Controller Download Image Verification Event Monitor Configuration

Card Information General Information Additional Information

Last Name: Alberts First Name: Frank Middle Initial: Employee ID: 1

Access Information

Card 1 Card 2 Card 3

Printed Card No.: 1 Active ☒

Encoded Card No.: 1 Access Level 1: Access Level 1

Activation Date: 1/1/2003 Access Level 2: No Access

Expiration Date: 1/1/2003 Access Level 3: No Access

Facility Code: 9 Access Level 4: No Access

Badge Type: Access Level 5: No Access

Card Class: Access Level 6: No Access

PIN:

Card Format: Wiegand 26 FC1

Card memo:

Current Status: Admitted

No image is available for this cardholder

No image is available for this cardholder

Help

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Done

#### Available Fields:

**Last Name:** - field to view Last Name for the selected Cardholder.

**First Name:** - field to view First Name for the selected Cardholder.

**Middle Initial:** - field to view Middle Name initial(-s) for the selected Cardholder.

**Employee ID:** - field to view Employee ID for the selected Cardholder.

**Access Information Group:** - group of fields which displays Access Information for the current Card of the selected Cardholder.

Access Information Group is related only to current Card. Cards can be selected among available in Millenium Xtra System (see Card1, Card2, Card3 tabs).

Access Information Group consists of the following fields:

**Printed Card No.:** field to view Printed Card No. for the current Card.

**Encoded Card No.:** field to view Encoded Card No. for the current Card.

**Activation Date:** field to view Activation Date for the current Card.

**Expiration Date:** field to view Expiration Date for the current Card.

**Facility Code:** field to view Facility Code for the current Card.

**Badge Type:** field to view Badge Type for the current Card.

**Card Class:** field to view Card Class for the current Card.

**PIN:** field to view PIN for the current Card.

**Card Format:** field to view Card Format for the current Card.

**Active** - checkbox to view activity or inactivity of the current Card.

**Access Level 1:** - Combo box to view Access Level 1 for the current Card.

**Access Level 2:** - Combo box to view Access Level 2 for the current Card.

**Access Level 3:** - Combo box to view Access Level 3 for the current Card.

**Access Level 4:** - Combo box to view Access Level 4 for the current Card.

**Access Level 5:** - Combo box to view Access Level 5 for the current Card.

**Access Level 6:** - Combo box to view Access Level 6 for the current Card.

**Card memo:** - field to view any memos for the current Card of the current Cardholder.

**Current Status:** - field to view Current Status for the current Card of the current Cardholder.

<< < > >> buttons allow navigation (First Cardholder, Previous Cardholder, Next Cardholder, Last Cardholder) through available cardholder records.

## Event Monitoring - Cardholder's Data - Additional Information

### Additional Information Tab.

The screenshot shows the Millenium Xtra web application interface. The browser window title is "Cardholder's Data - Mozilla Firefox". The address bar shows the URL "http://127.0.0.1/EventMonitoring/cardholdersdata.aspx?ID=50". The application has a top navigation bar with tabs: "System Administration", "Cardholder Data", "Event Monitoring" (selected), "Hardware Configuration", "System Configuration", "Reports", "Historical Log", "Maps", and "External Systems". Below this is a status bar showing "Current Threat Level: Normal", "Current Partition: Default Partition", "Logged User: Admin", "Time Online: 04:52", and "Base Online: 17:51". The main content area has a left sidebar with a tree view showing a list of cardholders (A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, Other). The "Additional Information" tab is selected, displaying fields for "Badge Print Date", "Re-issue Date", "Vehicle Model", "Vehicle Year", "Vehicle Color", "License Plate No.", "Parking Designation", "Parking Assignment", "Home E-mail", and "Comment 2". A "Help" button is located at the bottom right of the form area. The footer contains copyright information "©2000–2011 Millennium Group, Inc." and links for "Change Password", "Company Info", "Privacy Policy", and "Open in Separate Window".

#### Available Fields:

**Badge Print Date:** field to view Badge Print Date for the current Cardholder.

**Re-issue Date:** field to view Re-issue Date for the current Cardholder.

**Vehicle Model:** field to view Vehicle Model for the current Cardholder.

**Vehicle Year:** field to view Vehicle Year for the current Cardholder.

**Parking Designation:** field to view Parking Designation for the current Cardholder.

**Parking Assignment:** field to view Parking Assignment for the current Cardholder.

**License Plate No.:** field to view License Plate No. for the current Cardholder.

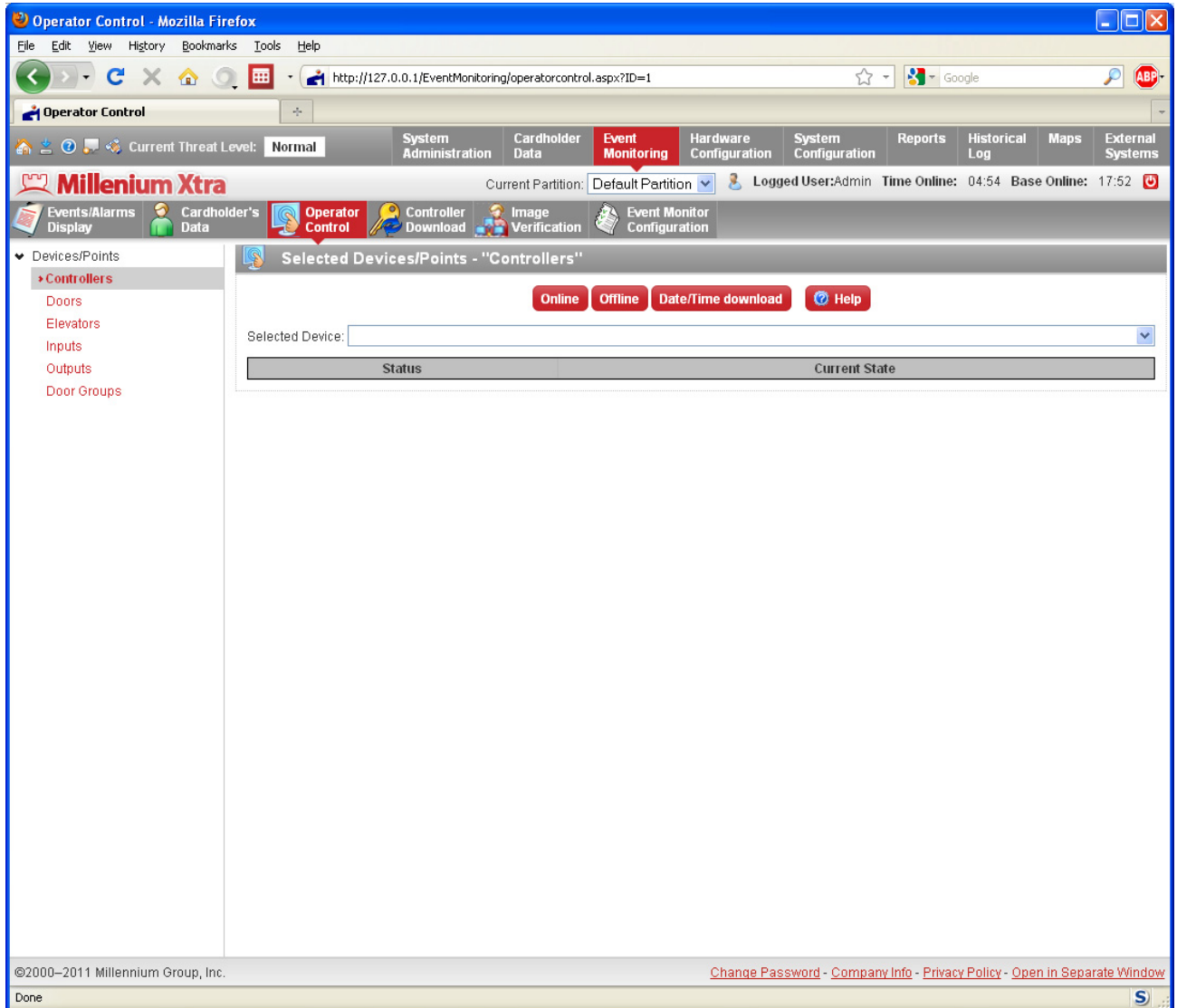
**Home E-mail:** field to view Home E-mail address for the current Cardholder.

**Comment 2:** field to view any additional comments (Comment 2) for the current Cardholder.



<< < > >> buttons allow navigation (First Cardholder, Previous Cardholder, Next Cardholder, Last Cardholder) through available cardholder records.

## Event Monitoring - Operator Control



Operator Control section is intended for manual operator control under any of the system devices. Select Operator Control tab. Tree in the left part of the Millenium Xtra System screen will display available Devices/Points of your system:

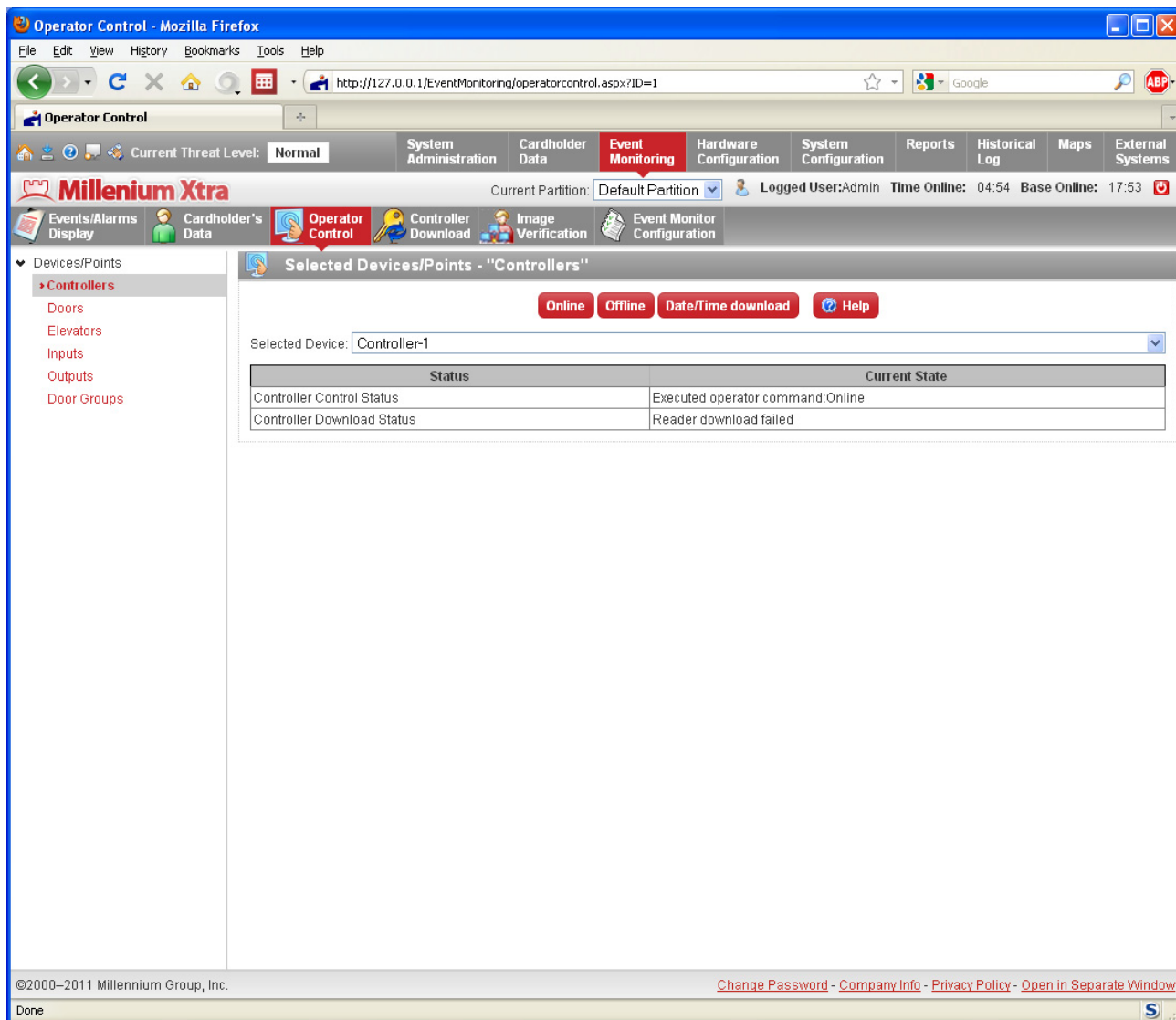
- **Controllers**
- **Doors**
- **Elevators**
- **Inputs**
- **Outputs**
- **Door Groups**

Select necessary devices/points group inside the tree.

Then select the necessary device by its name. Depending on what type of device/point has been selected, the Operator can change its status to Online, Offline (for Controllers and Readers); Normal, Lock, Unlock, Momentary, Forgive APB (for Doors and Door Groups); Set to Maximum Count / Reset Count (for Regions); None, Unlock, Lock, Remote Unlock (for Elevators); Online, Offline, Shunt, Clear Shunt (for Inputs);

Activate, De-activate, Pulse (for Outputs). Available controls and buttons are described below for every devices/points group.

## Controllers Group



This group of devices/points includes all available DCD controllers.

Available controls:

- **Selected Device** Combo box (controller can be selected here by its name)

Available buttons:

- **Online**
- **Offline**

Select the desired device using Combo box control.

Press Online or Offline button to manually change its status.

## Doors Group

Operator Control - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://127.0.0.1/EventMonitoring/operatorcontrol.aspx?ID=2

Operator Control

Current Threat Level: Normal

System Administration Cardholder Data **Event Monitoring** Hardware Configuration System Configuration Reports Historical Log Maps External Systems

Millenium Xtra

Current Partition: Default Partition Logged User: Admin Time Online: 04:55 Base Online: 17:53

Events/Alarms Display Cardholder's Data **Operator Control** Controller Download Image Verification Event Monitor Configuration

▼ Devices/Points

- Controllers
- Doors**
- Elevators
- Inputs
- Outputs
- Door Groups

**Selected Devices/Points - "Doors"**

Normal Lock Unlock Momentary Forgive APB Help

Selected Device: Controller-1-Door-2

Status	Current State
Door Control Status	Operator command failed: Momentary Forgive APB

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Done

This group of devices/points includes all available doors.

Available controls:

- **Selected Device** Combo box (door can be selected here by its name)

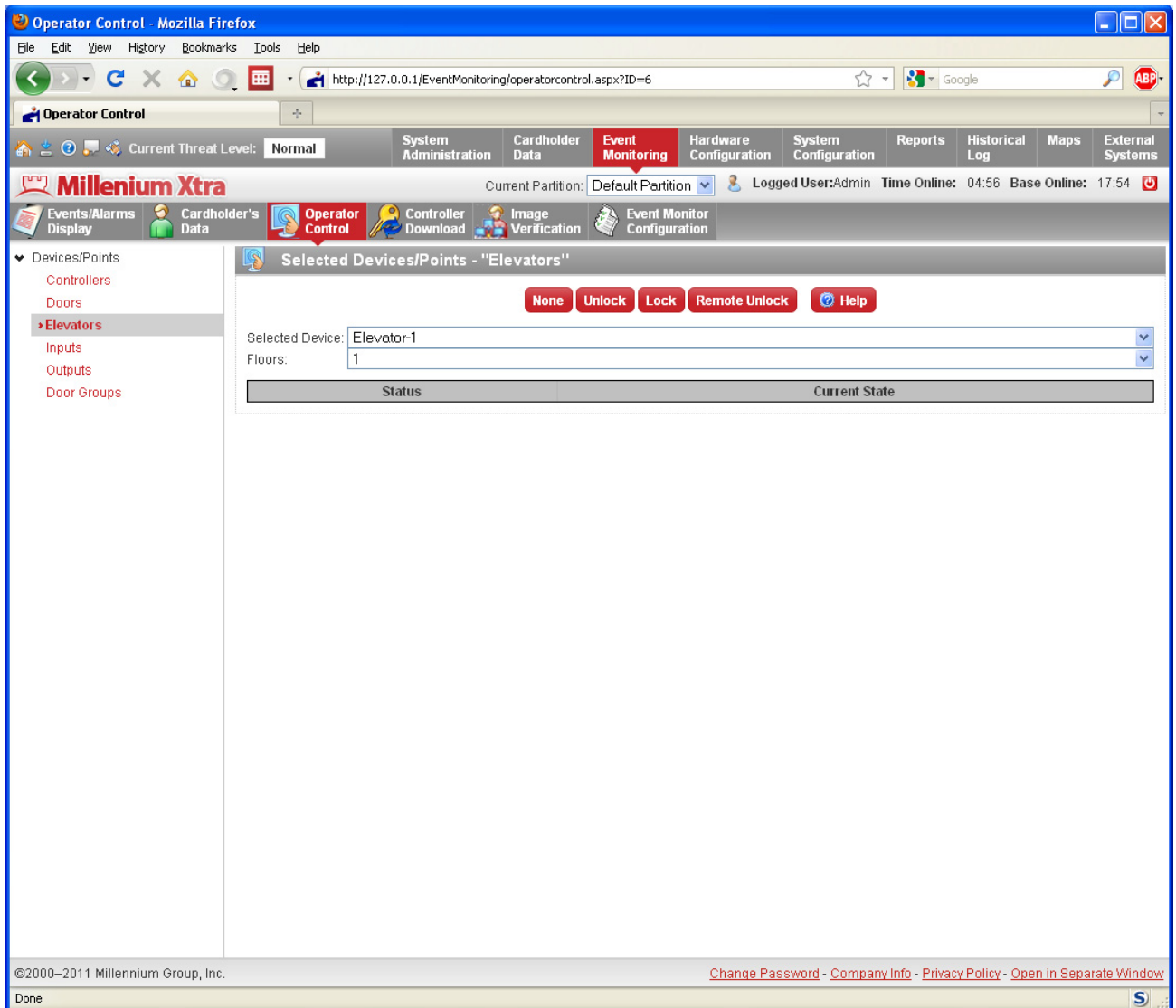
Available buttons:

- **Normal**
- **Lock**
- **Unlock**
- **Momentary** (for momentary unlock)
- **Forgive APB**

Select the desired door using Combo box control.

Press any of these 5 buttons to manually initiate the desired event.

## Elevators Group



This group of devices/points includes all available elevators.

Available controls:

- **Selected Device** Combo box (elevator can be selected here by its name)
- **Floors** Combo box (necessary floor can be selected here by its name)

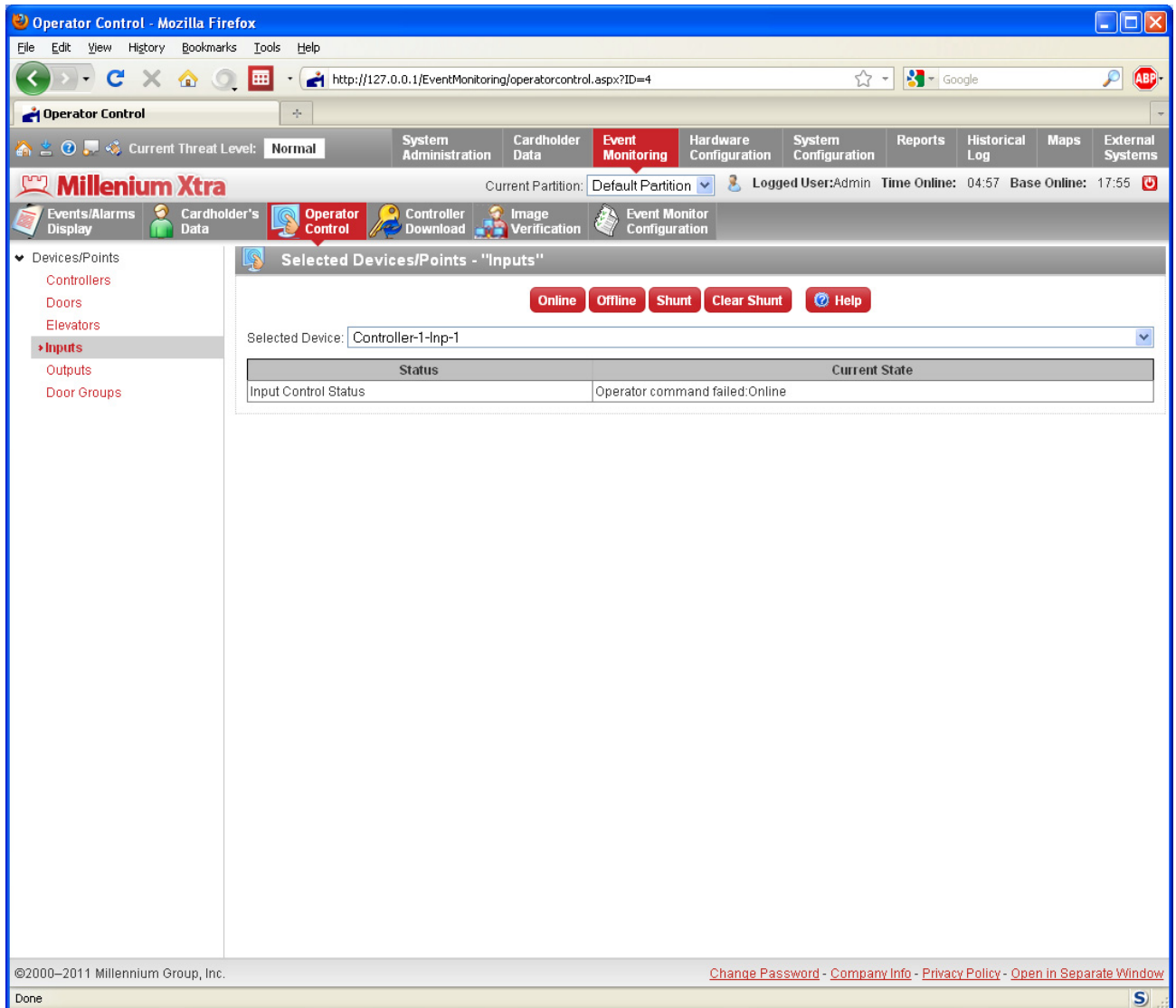
Available buttons:

- **None**
- **Unlock**
- **Lock**
- **Remote Unlock** (for remote unlock)

Select the desired elevator using corresponding Combo box control. Select the desired floor using corresponding Combo box control.

Press any of these 4 buttons to manually initiate the desired event.

## Inputs Group



This group of devices/points includes all available inputs.

Available controls:

- **Selected Device** Combo box (input device can be selected here by its name)

Available buttons:

- **Online**
- **Offline**
- **Shunt**
- **Clear Shunt**

Select the desired input device using corresponding Combo box control.

Press any of these 4 buttons to manually initiate the desired event.

## Outputs Group

Operator Control - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://127.0.0.1/EventMonitoring/operatorcontrol.aspx?ID=5

Operator Control

Current Threat Level: Normal

System Administration Cardholder Data **Event Monitoring** Hardware Configuration System Configuration Reports Historical Log Maps External Systems

Millenium Xtra

Current Partition: Default Partition Logged User: Admin Time Online: 04:57 Base Online: 17:56

Events/Alarms Display Cardholder's Data **Operator Control** Controller Download Image Verification Event Monitor Configuration

▼ Devices/Points

- Controllers
- Doors
- Elevators
- Inputs
- Outputs**
- Door Groups

**Selected Devices/Points - "Outputs"**

Activate De-activate Pulse Help

Selected Device: Controller-1-RCD-1 Supervisor Relay

Status	Current State
Output Status	Activated

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Done

This group of devices/points includes all available outputs.

Available controls:

- **Selected Device** Combo box (output device can be selected here by its name)

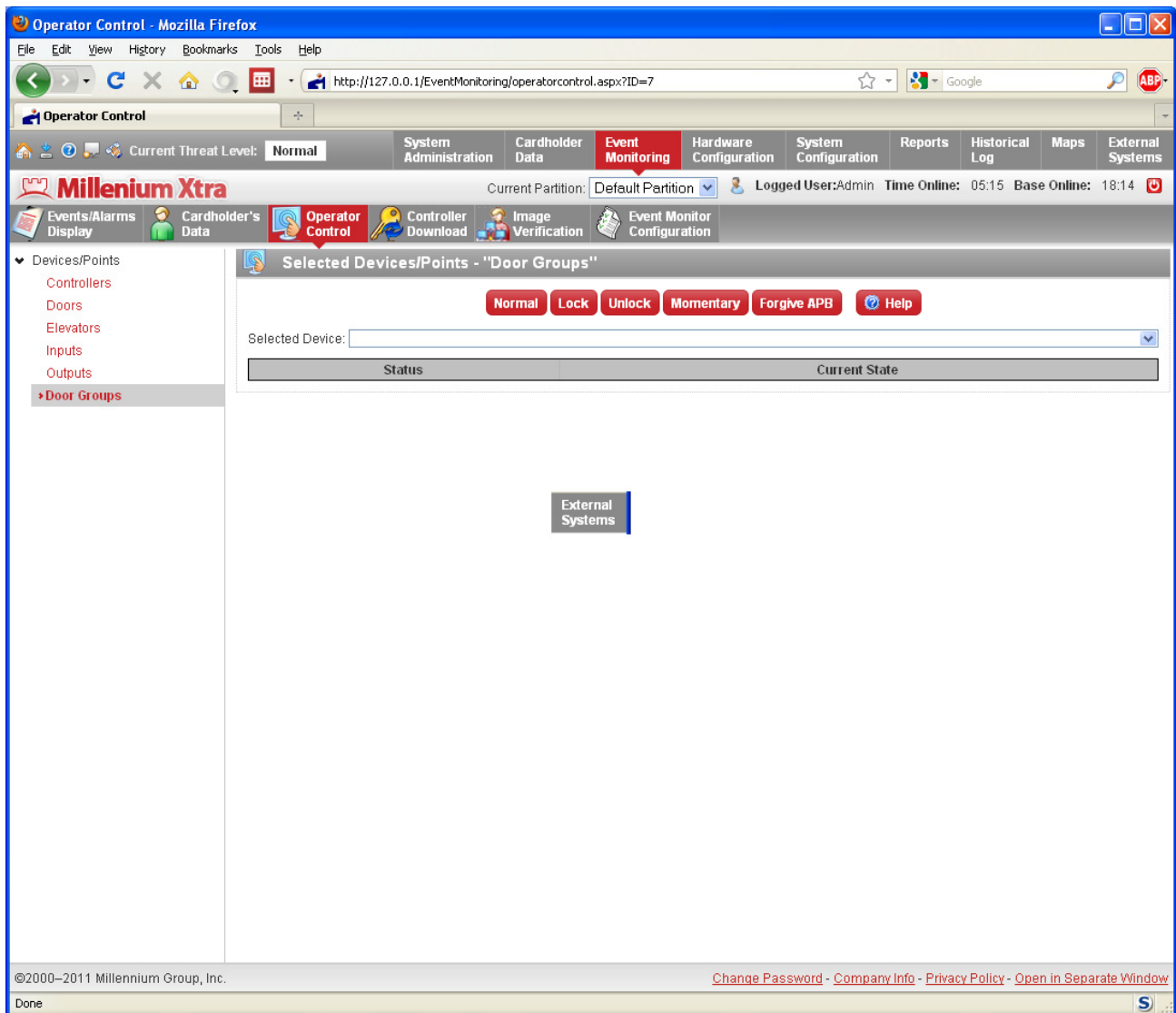
Available buttons:

- **Activate**
- **Deactivate**
- **Pulse**

Select the desired input device using corresponding Combo box control.

Press any of these 3 buttons to manually initiate the desired event.

## Door Groups Group



This group of devices includes all available door groups.

Available controls:

- **Selected Device** Combo box (door group can be selected here by its name)

Available buttons:

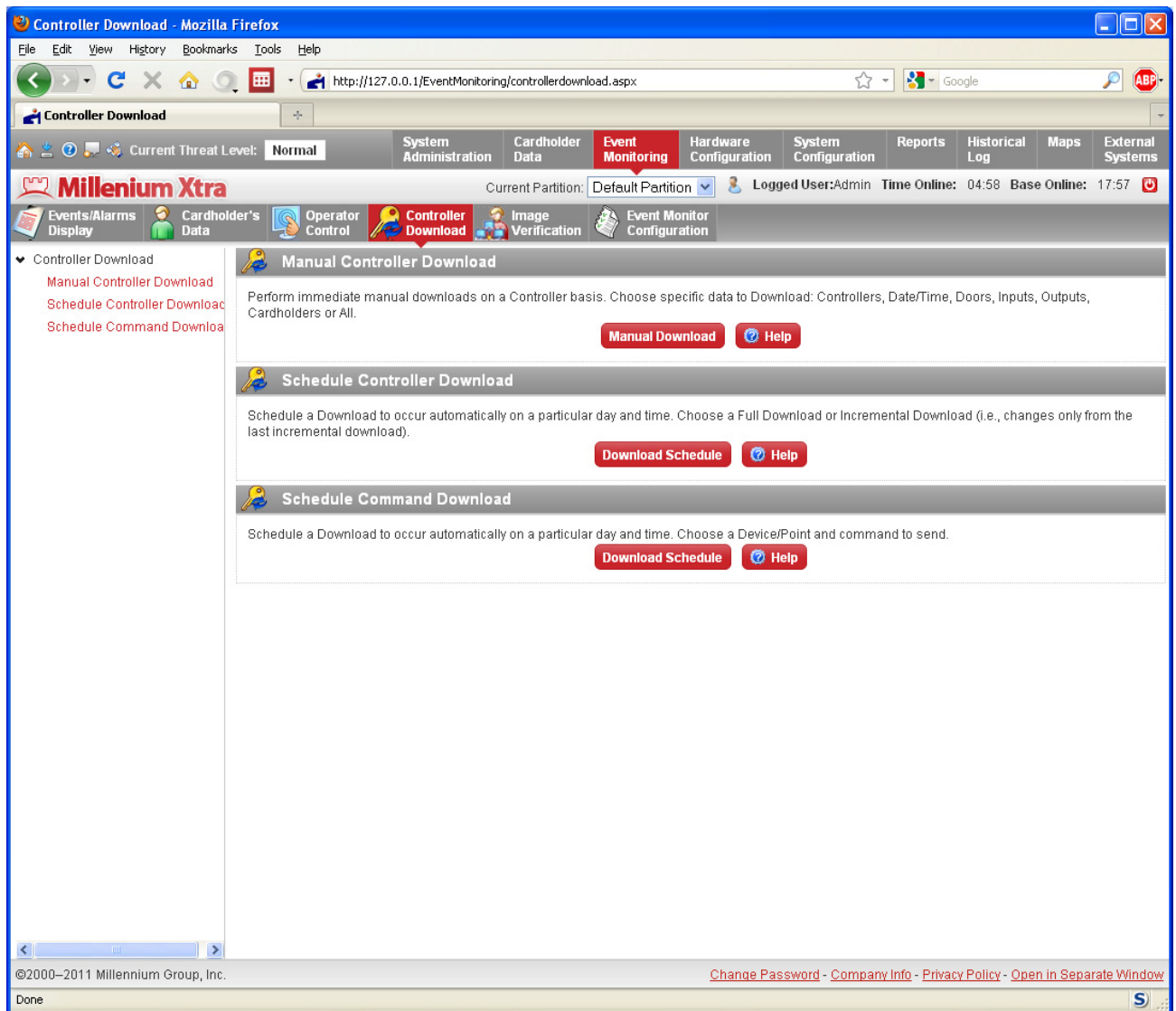
- **Normal**
- **Lock**
- **Unlock**
- **Momentary** (for momentary unlock)
- **Forgive APB**

Select the desired door group using Combo box control.

Press any of these 5 buttons to manually initiate the desired event.



## Event Monitoring - Controller Download



This section enables the Millenium Xtra Operator to provide:

- **Manual Controller Download**
- **Schedule Controller Download**
- **Schedule Command Download**

Each task can be selected from the tree in the left part of the Millenium Xtra System screen or by pressing the corresponding button (**Manual Download**, **Download Schedule**, **Download Schedule**).

These three operations are described below.

## Event Monitoring - Image Verification

Image Verification Settings - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://127.0.0.1/EventMonitoring/imageverificationsettings.aspx

Image Verification Settings

Current Threat Level: Normal

System Administration Cardholder Data **Event Monitoring** Hardware Configuration System Configuration Reports Historical Log Maps External Systems

Millennium Xtra

Current Partition: Default Partition Logged User: Admin Time Online: 05:16 Base Online: 18:14

Events/Alarms Display Cardholder's Data Operator Control Controller Download **Image Verification** Event Monitor Configuration

Image Verification Settings

DISPLAY

☒ Operator Closes Display

☐ Timed Interval Display Display Image for: 00:00 mm:ss Windows on Screen: 0 (0 - unlimited)

DOORS

Available Doors

Controller-1-Door-1  
Controller-1-Door-2  
Controller-2-Door-1

Controlled Doors

Add Right =>  
<= Remove  
Add All =>  
<= Remove All

Save Cancel Help

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Done

Image verification settings can be provided for controlled doors.

Available controls:

Display Group:

Radio buttons -

- Operator Closes Display
- Timed Interval Display

**Display Image for:** field (format - mm:ss)

**Time is invalid** error will occur if time format is incorrect.

**Windows on Screen:** field (0 - unlimited)

**Windows on Screen is empty** error will occur if this field is empty.

Doors Group:

- **Available Doors** window (on the left)
- **Controlled Doors** window (on the right)

Available buttons:

- **Add Right =>**
- **<= Remove**
- **Add All =>**
- **<= Remove All**
  
- **Save**
- **Cancel**

Input display settings for Image verification.

Move necessary doors from **Available** (left window) to **Controlled** (right window).

Use buttons **Add Right**, **Remove**, **Add All** or **Remove All** to move doors between windows.

Press **Save** button when all image verification settings will be established.

Press **Cancel** button to cancel your input.

## Event Monitoring - Event Monitor Configuration

The screenshot shows the 'Event Monitor Configuration' page in a Mozilla Firefox browser. The address bar shows the URL: <http://127.0.0.1/EventMonitoring/eventmonitorconfiguration.aspx>. The page has a navigation bar with tabs: System Administration, Cardholder Data, Event Monitoring (selected), Hardware Configuration, System Configuration, Reports, Historical Log, Maps, and External Systems. Below the navigation bar, there's a status bar showing 'Current Threat Level: Normal', 'Current Partition: Default Partition', 'Logged User: admin', 'Time Online: 00:07', and 'Base Online: 00:50'. The main content area is titled 'Event Monitor Configuration' and contains a section 'DISPLAY CARDHOLDERS FIELDS' with a list of fields to be displayed. Each field has a checkbox next to it. The fields are: Employee ID, Last Name, First Name, Middle Initial, Primary Location, Employee Class, Issue Date, Employment Date, Department, Internal Phone, Supervisor, Master Area, Company E-mail, Comment 1, ADA Shunt, Parking Designation, Parking Assignment, Re-issue Date, Badge Print Date, Vehicle Model, Vehicle Year, Vehicle Color, License Plate No., Home E-mail, and Comment 2. At the bottom of the form, there are three buttons: Save, Cancel, and Help. The footer of the page shows the copyright information: ©2000–2012 Millennium Group, Inc. and links to Change Password, Company Info, Privacy Policy, and Open in Separate Window.

DISPLAY CARDHOLDERS FIELDS

- ☐ Employee ID
- ☐ Last Name
- ☐ First Name
- ☐ Middle Initial
- ☐ Primary Location
- ☐ Employee Class
- ☐ Issue Date
- ☐ Employment Date
- ☐ Department
- ☐ Internal Phone
- ☐ Supervisor
- ☐ Master Area
- ☐ Company E-mail
- ☐ Comment 1
- ☐ ADA Shunt
- ☐ Parking Designation
- ☐ Parking Assignment
- ☐ Re-issue Date
- ☐ Badge Print Date
- ☐ Vehicle Model
- ☐ Vehicle Year
- ☐ Vehicle Color
- ☐ License Plate No.
- ☐ Home E-mail
- ☐ Comment 2

[Save](#) [Cancel](#) [Help](#)

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Done

There are some fields which can be added or removed while event monitoring is displayed.

- Employee ID
- Last Name
- First Name
- Middle Initial
- Primary Location
- Employee Class
- Issue Date
- Employment Date
- Department
- Internal Phone

- Supervisor
- Master Area
- Company E-mail
- Comment 1
- ADA Shunt
- Parking Designation
- Parking Assignment
- Re-issue Date
- Badge Print Date
- Vehicle Model
- Vehicle Year
- Vehicle Color
- License Plate No.
- Home E-mail
- Comment 2

To add necessary field, just check it. To remove any field, just uncheck it.

Available buttons:

- **Save**
- **Cancel**

Check or uncheck necessary checkboxes for corresponding data fields.

Press **Save** button when all display settings will be established.

Press **Cancel** button to cancel your input.

## Controller Download

### Event Monitoring - Manual Controller Download

Performs immediate manual downloads on a Controller basis. Choose specific data to Download: Controllers, Date/Time, Doors, Inputs, Outputs, Cardholders or All:

Controller Download - Mozilla Firefox

http://127.0.0.1/popup/ControllerDownload.aspx

Controller Download

Selected Device: Site-1 Communication

Site / Controller

**SELECT HARDWARE CONFIGURATION DATA TO INCLUDE**

<input checked="" type="checkbox"/> Controller	<input checked="" type="checkbox"/> Inputs
<input checked="" type="checkbox"/> Readers/Doors	<input checked="" type="checkbox"/> Outputs
<input checked="" type="checkbox"/> Elevators	<input checked="" type="checkbox"/> All

**SELECT HARDWARE CONFIGURATION DATA TO INCLUDE**

<input checked="" type="checkbox"/> Cardholder Data	<input checked="" type="checkbox"/> Holidays
<input checked="" type="checkbox"/> Access Levels & Policies	<input checked="" type="checkbox"/> Date/Time
<input checked="" type="checkbox"/> Time Periods	<input checked="" type="checkbox"/> All

Download Now Clear Close

Done

or (for Controllers)

Controller Download - Mozilla Firefox

http://127.0.0.1/popup/ControllerDownload.aspx

Controller Download

Selected Device: DCD-2

DCD-2  
DCD-1  
DCD-3  
DCD-1/2  
DCD-2/2

Site / Controller

SELECT HARDWARE

☒ Controller

☒ Readers/Doors

☒ Elevators

☒ Outputs

☒ All

SELECT HARDWARE CONFIGURATION DATA TO INCLUDE

☒ Cardholder Data

☒ Access Levels & Policies

☒ Time Periods

☒ Holidays

☒ Date/Time

☒ All

Download Now Clear Close

Done

Select necessary device for the required Site or Controller.

Check necessary checkboxes.

Checked checkboxes may be unchecked using **Clear** button.

Press **Download Now** button to perform download process.

Press **Close** button to close this window without performing any operations.

## Event Monitoring - Schedule Controller Download

Schedules a Download process to be occurred automatically on a particular day and time. Choose a Full Download or Incremental Download (i.e., changes only from the last incremental download). For One Time task(-s) your screen will look like this:

**Schedule Controller Download**

Current Threat Level: **Normal** | System Administration | Cardholder Data | **Event Monitoring** | Hardware Configuration | System Configuration | Reports | Historical Log | Maps | External Systems

Current Partition: **Default Partition** | Logged User: Admin | Time Online: 05:01 | Base Online: 17:59

Events/Alarms Display | Cardholder's Data | Operator Control | **Controller Download** | Image Verification | Event Monitor Configuration

▼ Controller Download  
 Manual Controller Download  
**► Schedule Controller Download**  
 Schedule Command Download

**Schedule Controller Download**

**SELECTED DEVICE**  
 Controller-3 ☐ Site / ☒ Controller

**DOWNLOAD TYPE**  
☒ Incremental (I) ☐ Full (F)

**SCHEDULER SETTINGS**  
 Scheduler Type: ☒ One Time ☐ Periodic ☒ Task Enabled

On date: 4/5/2011 At time: 12:00:00 AM ☒ Delete on successfully finished

Clear / New Add / Update Delete Selected Help

Device	Start Date	End Date	Time	I	F	S	M	T	W	T	F	S	Day	P/O	Enabled
Site-1 Communication	4/1/2011	-	12:00:00 AM	I									-	O	<input checked="" type="checkbox"/>
Site-1 Communication	4/2/2011	-	12:00:00 AM	I									-	O	<input checked="" type="checkbox"/>
Site-1 Communication	4/3/2011	-	12:00:00 AM	I									-	O	<input checked="" type="checkbox"/>
Site-1 Communication	4/4/2011	-	12:00:00 AM	I									-	O	<input checked="" type="checkbox"/>
Controller-2	4/5/2011	-	12:00:00 AM	I									-	O	<input checked="" type="checkbox"/>
<b>Controller-3</b>	<b>4/5/2011</b>	<b>-</b>	<b>12:00:00 AM</b>	<b>I</b>	<b></b>	<b></b>	<b></b>	<b></b>	<b></b>	<b></b>	<b></b>	<b></b>	<b>-</b>	<b>O</b>	<b><input checked="" type="checkbox"/></b>

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Done

Available controls:

Selected Device

**Device selection** Combo box

**Site / Controller** Radio buttons

Download Type

**Incremental / Full** Radio buttons

Scheduler Settings

Scheduler Type Radio button

**One Time / Periodic**

**Task Enabled** checkbox

**On Date** (with Calendar popup), **At Time** fields



## Delete on successfully finished checkbox

Available buttons:

- **Clear / New**
- **Add / Update**
- **Delete Selected**

Selected record in a scheduler table is always highlighted with Red color.

To add a new task in a scheduler table, press **Clear / New** button. Then select **Device**, **Device Type**, **Download Type** and enter necessary **Scheduler Settings** using above mentioned controls. Then press **Add / Update** button. Note that checkbox **Task Enabled** should be checked if the task is enabled. For Periodic task(-s) your screen should look like this (**Run On Day** and **Occurs** groups of controls will appear):

**Schedule Controller Download**

SELECTED DEVICE: Controller-1 (Site / Controller)

DOWNLOAD TYPE: Incremental (I) (Full (F))

**SCHEDULER SETTINGS**

Scheduler Type: One Time (Periodic) Task Enabled

Start Date: 4/10/2011 No End Date

**RUN ON DAY**

Sunday Wednesday Saturday  
Monday Thursday Day of Month  
Tuesday Friday

**OCCURS**

Every: 1 Hour(s) Starting at: 11:00:00 AM  
Ending at: 12:00:00 AM

Clear / New Add / Update Delete Selected Help

Device	Start Date	End Date	Time	I	S	M	T	W	T	F	S	Day P/O	Enabled
Site-1 Communication	4/1/2011	-	12:00:00 AM	I								- O	<input checked="" type="checkbox"/>
Site-1 Communication	4/2/2011	-	12:00:00 AM	I								- O	<input checked="" type="checkbox"/>
Site-1 Communication	4/3/2011	-	12:00:00 AM	I								- O	<input checked="" type="checkbox"/>
Site-1 Communication	4/4/2011	-	12:00:00 AM	I								- O	<input checked="" type="checkbox"/>
Controller-2	4/5/2011	-	12:00:00 AM	I								- O	<input checked="" type="checkbox"/>
Controller-1	4/10/2011	-	Every 1 Hour(s) between 11:00:00 AM and 12:00:00 AM	I							1	P	<input checked="" type="checkbox"/>

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Any record in the scheduler table can be updated at any time. To update the selected record, select the necessary string (clicking on it), change settings as required and press **Add / Update** button. To delete the selected record, select the necessary string (clicking on it) and press **Delete Selected** button.



## Event Monitoring - Schedule Command Download

Schedules a Download process to be occurred automatically on a particular day and time. Choose a Device/Point and command to send. There are eight different screens for eight different device types (**Controllers, Doors, Readers, Regions, Elevators, Inputs, Outputs, Door Groups**). Controls for these screens are described below. All the screens below represent only **One Time Scheduler Settings** (**Periodic Scheduler Settings** are almost the similar).

For Controllers:

**Schedule Command Download - Mozilla Firefox**

File Edit View History Bookmarks Tools Help

http://127.0.0.1/EventMonitoring/ScheduleCommandDownload.aspx

**Millenium Xtra** Current Partition: Default Partition Logged User: Admin Time Online: 05:04 Base Online: 18:03

Events/Alarms Display Cardholder's Data Operator Control **Controller Download** Image Verification Event Monitor Configuration

▼ Controller Download

- Manual Controller Download
- Schedule Controller Download
- ➔ **Schedule Command Download**

**Schedule Command Download**

**DEVICE**

- Controllers
- Doors
- Elevators
- Inputs
- Outputs
- Door Groups

**COMMAND**

- ☒ Online
- ☐ Offline
- ☐ Date/Time download

**POINTS**

- Controller-1
- Controller-2
- Controller-3

**SCHEDULER SETTINGS**

Scheduler Type: ☒ One Time ☐ Periodic ☒ Task Enabled

On date:  At time:  ☐ Delete on successfully finished

**Clear / New Add / Update Delete Selected Help**

Device	Command	Point	Start Date	End Date	Time	S	M	T	W	T	F	S	Day	P/O	Enabled
Controllers	Online	Controller-1	4/1/2011	-	12:00:00 AM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	O	<input checked="" type="checkbox"/>

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Done

Available commands are:

- **Online**
- **Offline**

Press **Clear / New** button.

Select the device, choose the command, select necessary point, enter scheduler settings and press **Add / Update** button.

Incorrect records in the scheduler table can be selected (by clicking on them), edited and then saved by pressing **Add / Update** button.

Unnecessary records in the scheduler table can be selected (by clicking on them) and then removed by pressing **Delete Selected** button.

For Doors:

**Schedule Command Download**

Current Threat Level: **Normal** | System Administration | Cardholder Data | **Event Monitoring** | Hardware Configuration | System Configuration | Reports | Historical Log | Maps | External Systems

Current Partition: **Default Partition** | Logged User: Admin | Time Online: 05:06 | Base Online: 18:04

Events/Alarms Display | Cardholder's Data | Operator Control | **Controller Download** | Image Verification | Event Monitor Configuration

▼ Controller Download  
 Manual Controller Download  
 Schedule Controller Download  
 ► **Schedule Command Download**

**Schedule Command Download**

**DEVICE**  
 Controllers  
**Doors**  
 Elevators  
 Inputs  
 Outputs  
 Door Groups

**COMMAND**  
☐ Normal  
☐ Lock  
☐ Unlock  
☒ Momentary  
☐ Forgive APB

**POINTS**  
 Controller-1-Door-1  
**Controller-1-Door-2**  
 Controller-2-Door-1

**SCHEDULER SETTINGS**  
 Scheduler Type: ☐ One Time ☒ Periodic ☒ Task Enabled  
 Start Date: 4/1/2011 ☒ No End Date  
 RUN ON DAY: ☐ Sunday ☐ Wednesday ☐ Saturday ☐ Monday ☐ Thursday ☒ Day of Month ☐ Tuesday ☐ Friday  
 OCCURS: Once At: 12:00:00 AM

**Clear / New** **Add / Update** **Delete Selected** **Help**

Device	Command	Point	Start Date	End Date	Time	S	M	T	W	T	F	S	Day	P/O	Enabled
Controllers	Online	Controller-1	4/1/2011	-	12:00:00 AM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	O	<input checked="" type="checkbox"/>
Doors	Momentary	Controller-1-Door-2	4/1/2011	-	12:00:00 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	10	P	<input checked="" type="checkbox"/>

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Available commands are:

- **Normal**
- **Lock**
- **Unlock**
- **Momentary (Unlock)**
- **Forgive APB**

Press **Clear / New** button.

Select the device, choose the command, select necessary point, enter scheduler settings and press **Add / Update** button.

Incorrect records in the scheduler table can be selected (by clicking on them), edited and then saved by pressing **Add / Update** button.

Unnecessary records in the scheduler table can be selected (by clicking on them) and then removed by pressing **Delete Selected** button.

For Elevators:

Device	Command	Point	Start Date	End Date	Time	S	M	T	W	T	F	S
Controllers	Online	Controller-1	4/1/2011	-	12:00:00 AM							
Doors	Momentary	Controller-1-Door-2	4/1/2011	-	12:00:00 AM							
Elevator Floor	Unlock	1	4/12/2011	-	Every 1 Hour(s) between 12:00:00 AM and 12:00:00 AM							

Available commands are:

- **None**
- **Unlock**
- **Lock**
- **Remote Unlock**

Not only Elevator name, but also the Floor should be selected for the selected point.

Press **Clear / New** button.

Select the device, choose the command, select necessary point, enter scheduler settings and press **Add / Update** button.

Incorrect records in the scheduler table can be selected (by clicking on them), edited and then saved by pressing **Add / Update** button.

Unnecessary records in the scheduler table can be selected (by clicking on them) and then removed by pressing **Delete Selected** button.

For Inputs:

Available commands are:

- **Online**
- **Offline**
- **Shunt**
- **Clear Shunt**

Press **Clear / New** button.

Select the device, choose the command, select necessary point, enter scheduler settings and press **Add / Update** button.

Incorrect records in the scheduler table can be selected (by clicking on them), edited and then saved by pressing **Add / Update** button.

Unnecessary records in the scheduler table can be selected (by clicking on them) and then removed by pressing **Delete Selected** button.

For Outputs:

**Schedule Command Download**

Current Threat Level: **Normal** | System Administration | Cardholder Data | **Event Monitoring** | Hardware Configuration | System Configuration | Reports | Historical Log | Maps | External Systems

Current Partition: **Default Partition** | Logged User: Admin | Time Online: 05:10 | Base Online: 18:08

Events/Alarms Display | Cardholder's Data | Operator Control | **Controller Download** | Image Verification | Event Monitor Configuration

▼ Controller Download  
 Manual Controller Download  
 Schedule Controller Download  
 ► **Schedule Command Download**

**Schedule Command Download**

**DEVICE**  
 Controllers  
 Doors  
 Elevators  
 Inputs  
**Outputs**  
 Door Groups

**COMMAND**  
☐ Activate  
☐ De-activate  
☒ Pulse

**POINTS**  
 Controller-1-RCD-1 Supervisor Relay  
 Controller-2-RCD-1 Supervisor Relay

**SCHEDULER SETTINGS**  
 Scheduler Type: ☒ One Time ☐ Periodic ☒ Task Enabled

On date: 4/30/2011 At time: 12:00:00 AM ☐ Delete on successfully finished

**Clear / New** **Add / Update** **Delete Selected** **Help**

Device	Command	Point	Start Date	End Date	Time	S	M	T	W	T	F	S	Day	P/O	Enabled
Controllers	Online	Controller-1	4/1/2011	-	12:00:00 AM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	O	<input checked="" type="checkbox"/>
Inputs	Online	Controller-1-Inp-1	4/20/2011	-	12:00:00 AM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	O	<input checked="" type="checkbox"/>
Doors	Momentary	Controller-1-Door-2	4/1/2011	-	12:00:00 AM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10	P	<input checked="" type="checkbox"/>
Outputs	Pulse	Controller-1-RCD-1 Supervisor Relay	4/30/2011	-	12:00:00 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-	O	<input checked="" type="checkbox"/>

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Done

Available commands are:

- **Activate**
- **De-activate**
- **Pulse**

Press **Clear / New** button.

Select the device, choose the command, select necessary point, enter scheduler settings and press **Add / Update** button.

Incorrect records in the scheduler table can be selected (by clicking on them), edited and then saved by pressing **Add / Update** button.

Unnecessary records in the scheduler table can be selected (by clicking on them) and then removed by pressing **Delete Selected** button.

For Door Groups:

**Schedule Command Download**

Current Threat Level: **Normal** | System Administration | Cardholder Data | **Event Monitoring** | Hardware Configuration | System Configuration | Reports | Historical Log | Maps | External Systems

Current Partition: **Default Partition** | Logged User: Admin | Time Online: 05:12 | Base Online: 18:11

Events/Alarms Display | Cardholder's Data | Operator Control | **Controller Download** | Image Verification | Event Monitor Configuration

▼ Controller Download  
 Manual Controller Download  
 Schedule Controller Download  
 ► **Schedule Command Download**

**Schedule Command Download**

**DEVICE**  
 Controllers  
 Doors  
 Elevators  
 Inputs  
 Outputs  
**Door Groups**

**COMMAND**  
☒ Normal  
☐ Lock  
☐ Unlock  
☐ Momentary  
☐ Forgive APB

**POINTS**

**SCHEDULER SETTINGS**  
 Scheduler Type: ☒ One Time ☐ Periodic ☒ Task Enabled

On date:  At time:  ☐ Delete on successfully finished

**Clear / New** **Add / Update** **Delete Selected** **Help**

Device	Command	Point	Start Date	End Date	Time	S	M	T	W	T	F	S	Day	P/O	Enabled
Controllers	Online	Controller-1	4/1/2011	-	12:00:00 AM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	O	<input checked="" type="checkbox"/>
Inputs	Online	Controller-1-Inp-1	4/20/2011	-	12:00:00 AM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	O	<input checked="" type="checkbox"/>
Doors	Momentary	Controller-1-Door-2	4/1/2011	-	12:00:00 AM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10	P	<input checked="" type="checkbox"/>
Outputs	Pulse	Controller-1-RCD-1 Supervisor Relay	4/30/2011	-	12:00:00 AM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	O	<input checked="" type="checkbox"/>

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Done

Available commands are:

- **Normal**
- **Lock**
- **Unlock**
- **Momentary** (Unlock)
- **Forgive APB**

Press **Clear / New** button.

Select the device, choose the command, select necessary point, enter scheduler settings and press **Add / Update** button.

Incorrect records in the scheduler table can be selected (by clicking on them), edited and then saved by pressing **Add / Update** button.

Unnecessary records in the scheduler table can be selected (by clicking on them) and then removed by pressing **Delete Selected** button.



## Reports

Reports menu includes following submenus:

- **Reports - Run Reports**
- **Reports - Schedule Reports**
- **Reports - Reports History**

For obtaining necessary report(-s), please select **Reports Top Menu** section and then – **Run Reports** tab in a **Horizontal Menu**.

All available types of **Reports** are grouped in the **Left-side Menu**, which are the following:

Cardholder Reports Group:

- **Cardholder**
- **Cardholder Access**
- **Cards with overlapped Access Levels**
- **CardView History**

Configuration Reports Group:

- **Alarm Acknowledgement Template**
- **Alarm Routing Template**
- **Alarms Configuration**
- **All Access Levels**
- **Controller Configuration**
- **Door Configuration**
- **Doors Access**
- **Doors with more then one Access Levels**
- **Groups**
- **Holidays**
- **Input Configuration**
- **Operator Level Privileges**
- **Operator List**
- **Output Configuration**
- **Reports (list & scheduler)**
- **Time Periods**

Event Reports Group:

- **Alarm History**
- **Card History**
- **Event Report**

Status Reports Group:

- **Door Status**
- **Input Status**
- **Output Status**

For some types of reports Data Selection Criteria may be used for additional filtering. Different criteria sets will be discussed below for every report type.

## Reports - Run Reports

Reports section consists of the following report groups:

- **Cardholder Reports Group**
- **Configuration Reports Group**
- **Event Reports Group**
- **Status Reports Group**

The picture below shows the **REPORTS** screen in the Millenium Xtra Security Management System.

**Report Results**

Report Name: Cardholder Build on: 4/29/2011 6:16:33 PM

Report parameters: All Records

Page 1 of 1 20 records per page, 2 records total

#	Last Name	First Name	MI	Employee ID	Printed Card Number	Encoded Card Number	Active	Expiration Date	Activation Date	Page Type	Card Class
1	Alberts	Frank		1	1	1	<input checked="" type="checkbox"/>	1/1/2003	1/1/2003		
2	Daniels	Charles		2	2	2	<input type="checkbox"/>	1/1/2003	1/1/2003		

Print Preview Download to File Back Help

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The Millenium Xtra Security Management System comes with standard reports that give you a printout of necessary data. All Millenium Xtra Security Management System reports involve a two-step process. For example, you can display or print a report on Controller Configuration, Operators List or Holidays established in the software. First, the operator uses selection criteria to set up report options. Then the report displays on the screen and may be printed prints if you click the **Print Preview** button. With the help of **Download to File** button the report also can be saved locally to a file.

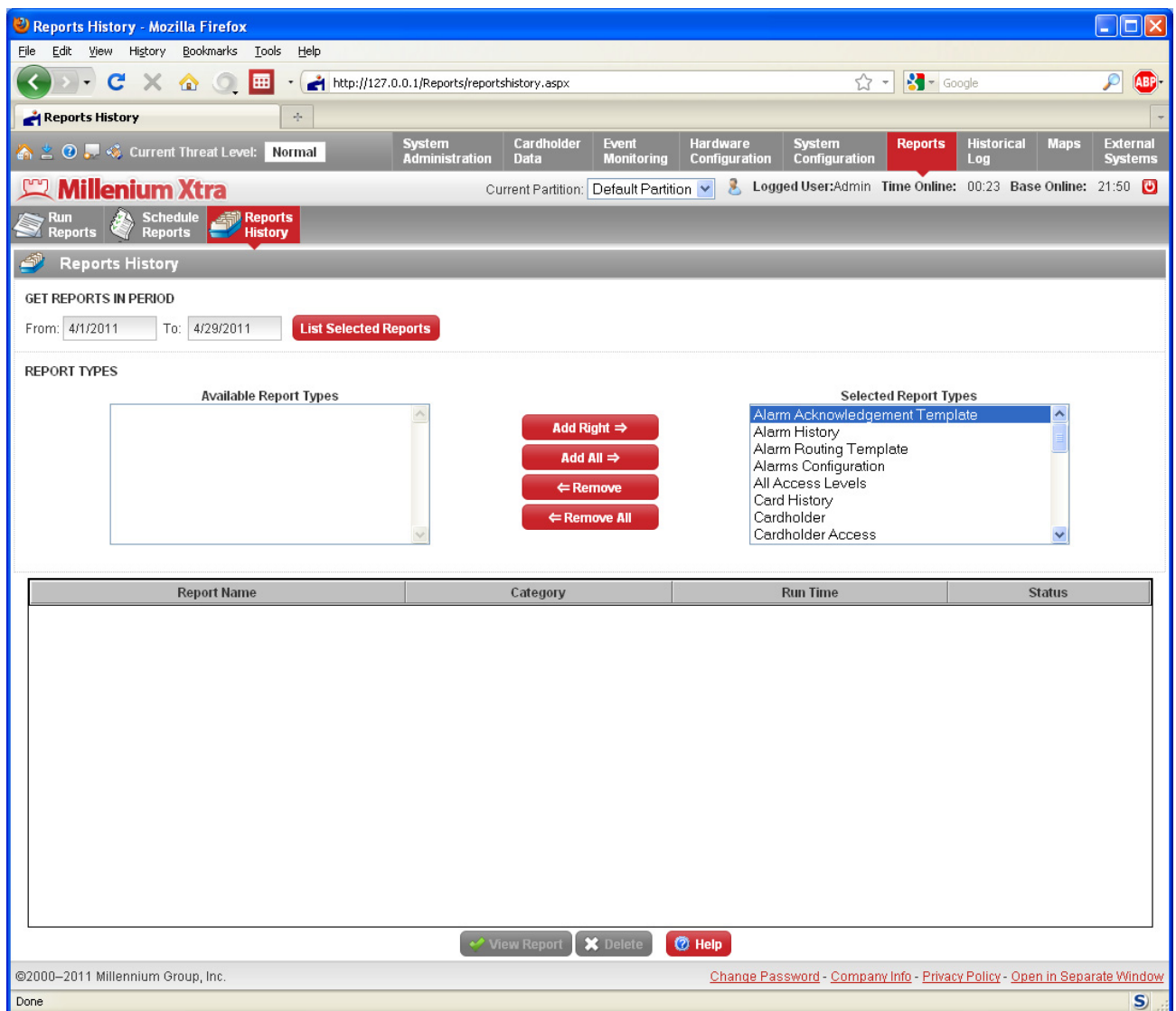
**Cardholder Reports:** this group of reports includes **Cardholder Report**, **Cardholder Access Report** and **Occupancy Report**. For example, Cardholder Report lets the operator obtain the information about all cardholders who are present in the Millenium Xtra Security Management System database. This information includes all of the employee ID's, their first and last names, their printed and encoded card numbers, activation and expiration dates for every cardholder's card, their card classes, badge types and statuses ("active" or "not active"), etc.

**Configuration Reports:** this group of reports includes **Alarm Acknowledgement Template**, **Alarm Routing Template**, **Alarm Configuration**, **All Access Levels**, **Controller Configuration**, **Door Configuration**, **Groups**, **Holidays**, **Input Configuration**, **Operator Level Privileges**, **Operator List**, **Output Configuration**, **List & Scheduler** and **Time Periods** reports. These reports also involve a two-step process.

**Event Reports:** this group of reports includes **Alarm History Report**, **Card History Report** and **Event Report**. These reports also involve a two-step process.

**Status Reports:** this group of reports includes **Door Status**, **Input Status** and **Output Status** reports. These reports also involve a two-step process. First, the operator uses selection criteria to set up report options. Then the report displays on the screen and may be printed prints if you click the **Print Preview** button. With the help of **Download to File** button the report also can be saved locally to a file.

## Reports - Reports History



## Reports - Reports History

For viewing the report about the Reports History (i.e. reports obtained via Run Reports or Schedule Reports sections), please select "Reports" Top Menu section and then – "Reports History" tab in a Horizontal Menu.

### 1. Get Reports in Period

Input required From: and To: date values in corresponding fields. Popup Calendar form makes your input easier.

**2. List Selected Reports button** – lists selected reports within **From:** – **To:** time period and displays them in bottom window.

### 3. Report Types

Select Report Types to include (provide the Reports History Map). Use Add Right, Remove, Add All, Remove All buttons to provide your selection.

At least one report type should be placed inside Selected Report Types window. By default, all Available Report Types are placed inside Selected Report Types window.

If Selected Report Types window is empty, "No one report type was selected" red color message is displayed and View Report button is inactive.

All the selected reports will be displayed in the bottom window.

Available report fields are:

- Report Name
- Category
- Run Time
- Status

Navigate through the displayed reports using your mouse. To select necessary report - just click on it.

Press View Report button to view the selected Report.

Press Delete button to delete the selected Report.

## Reports - Schedule Reports

## Reports - Schedule Reports

For scheduling different Reports, please select "Reports" Top Menu section and then – "Schedule Reports" tab in a Horizontal Menu. All available types of Reports are included in Selected Report: dropdown, which are the following:

Selected Report:

- **All Access Levels**
- **Alarm History**
- **Card History**
- **Cardholder Access**
- **Occupancy**

- **Cardholder**
- **Door Configuration**
- **Door Status**
- **Event Report**
- **Holidays**
- **Input Configuration**
- **Input Status**
- **Output Configuration**
- **Output Status**
- **Reports (list & scheduler)**
- **Time Periods**
- **Operator Level Privileges**
- **Operator List**
- **Alarm Routing Template**
- **Groups**
- **Controller Configuration**
- **Alarms Configuration**
- **Alarm Acknowledgement Template**
- **CardView History**

## 1. Data Selection Criteria

Each of these Reports uses the same **Data Selection Criteria** as it was discussed in Run Reports section for the corresponding Report.

Content of **Data Selection Criteria** depends exactly on what type of report has been chosen.

Most of reports (All Access Levels, Cardholder Access, Occupancy, Cardholder, Door Configuration, Door Status, Holidays, Input Configuration, Input Status, Output Configuration, Output Status, Time Periods, Alarm Routing Template, Groups, Controller Configuration, Alarms Configuration, Alarm Acknowledgement Template) use the following **Data Selection Criteria**:

Alpha-numeric: **from:** **to:**

\***All** checkbox

Event Report and Alarm History Reports use the following **Data Selection Criteria**:

**Date Range:** from to \*

**Category:**

**Text filter** (log data including)

Card History and CardView History Reports use the following **Data Selection Criteria**:

**Date Range:** from to \*

or **Employee ID#:** from to \* All

or **Last Names:** from to \*

or **Card Number**



Operator Level Privileges, Operator List Reports and Reports (list & scheduler) do not use any **Data Selection Criteria** at all.

## 2. Notification

Use Notification: window controls to schedule reports according to your needs.

Each of Scheduled Reports may be instructed to notify Millenium Xtra Operator via E-mail.

Input required e-mail into the Notification E-mail: field. The notification will be sent to this e-mail.

This field is not necessary.

## 3. Scheduler settings

Use **Scheduler settings**: window controls to schedule reports according to your needs.

Scheduler Type:

**One Time** Radio button - for making one-time Scheduled Reports.

**Periodic** Radio button - for making periodic Scheduled Reports.

**Task Enabled** checkbox - If checked, the current Scheduled Report is enabled.

**On date:** field - for the date selection for scheduled report. Click here and the Calendar popup will appear.

Select the required date.

**At time:** field - for the time of current Scheduled Report selection. Select the required time.

**Delete on successfully finished** checkbox - If checked, the current Scheduled Report will be deleted from scheduler after successful run.

If **Periodic** Radio button is chosen, two windows will appear:

**Run On Day:**

Sunday, Monday, Tuesday, Wednesday, Thursday, Friday, Saturday or Day of Month.

Select the desired option (check the appropriate checkbox)

**Occurs:** - has two options.

**Once at** - input the time to run current Scheduled Report once.

**Every** - see the explanation below.


If **Every** option is chosen, following controls will appear:


**Hour(s) / Minute(s)** Combo box - select the desired unit

**Starting at:** field - input the "starting at" time for the current Scheduled Report here

**Ending at:** - input the "ending at" time for the current Scheduled Report here


**Note:** *Minutes* values can be entered in the range of 1 to 1440; *Hours* values can be entered in the range of 1 to 23.

Press  Clear/New button if your current Scheduled Report values were input incorrectly.

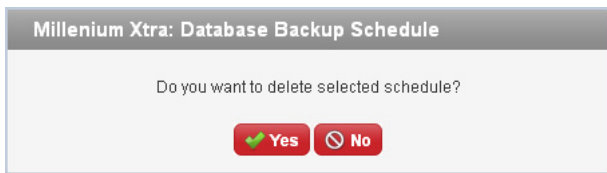
Press  Add/Update button if you wish to save your current Scheduled Report.

Saved schedule items appear in the bottom part of a screen.

The operator could not edit saved schedule items, they could only be deleted.

Press  Delete Selected button if you wish to delete the selected (in the bottom part of a screen) Scheduled Report item.

Confirmation popup will ask you if you want to remove item:

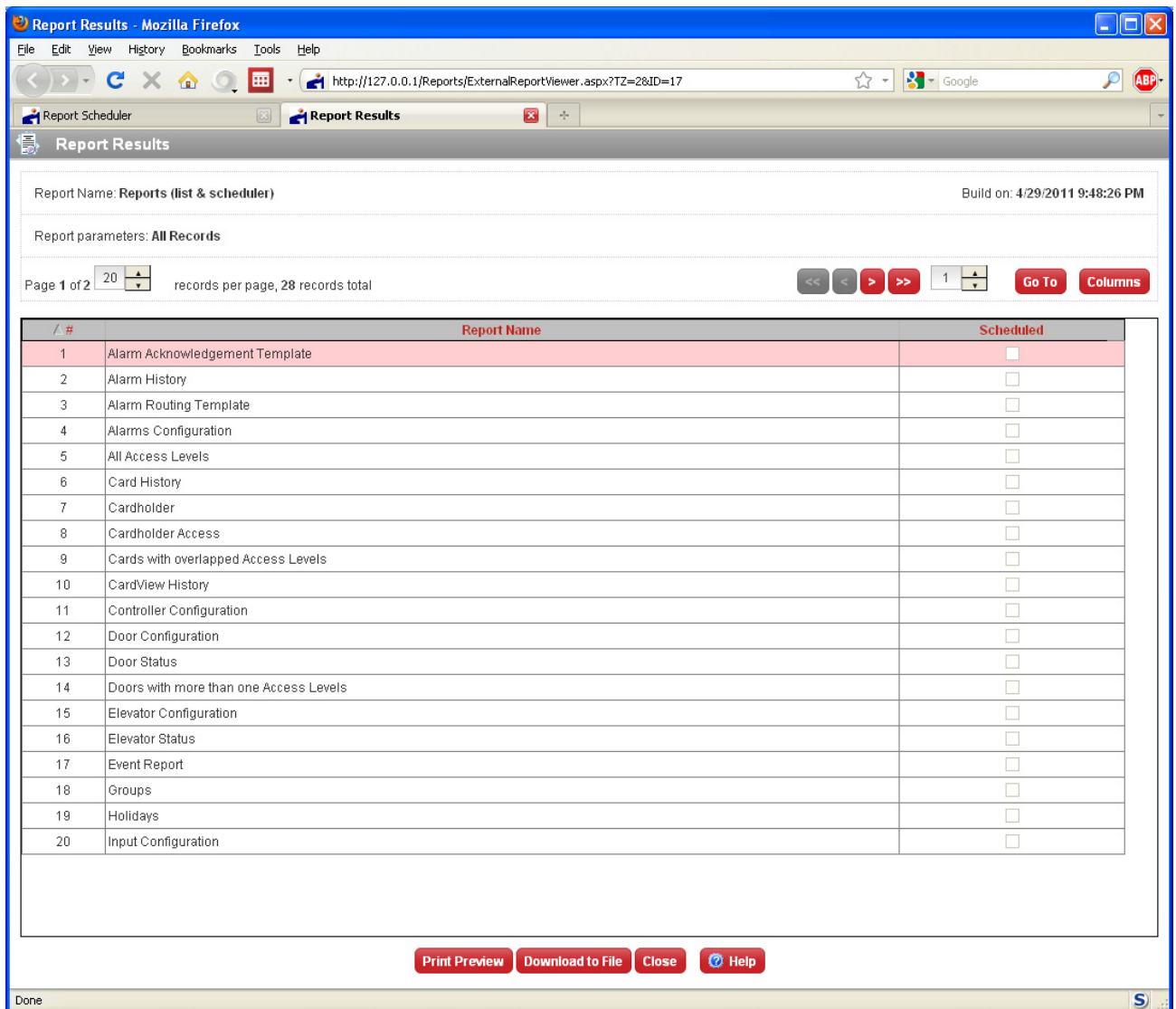


Do you want to delete selected schedule?

If "Delete on successfully finished" checkbox is checked, the successfully performed schedule items will be deleted automatically.

**View Report** View Report button - press this button to view the current report immediately.

Report Results window will appear.



Millenium Xtra Operator can select which fields are necessary to display.

To select fields which will be displayed, press Columns button.

Select column visibility using correspondent checkbox(-es).

Select All button checks all the checkboxes.  
Invert Selection button inverts your selection.  
Press OK button to apply your selection.  
Press Cancel button to cancel your selection.

If the number of records for output is too much to display on one screen, Millenium Xtra Operator can set up the number of records per page using the "records per page" selector. Just type in the required decimal number. Buttons <<, <, >, >> are used for navigation from one record to another and from one page to another. Page number selector with the "Go To" button is used for quick navigation to the certain page.

Print Preview button outputs the report data in a simple printable format.

Download to File button enables to save your report locally in a file.

Supported output file formats are the following:

- Comma delimited (default)
- Tab delimited
- XML
- ADO.NET Dataset

Press Close button to return to the Report Scheduler screen.

## Cardholder Reports

### Run Reports - Cardholder Reports - Cardholder

The screenshot shows the 'Report Configuration' window in Mozilla Firefox. The browser's address bar shows the URL 'http://127.0.0.1/Reports/Default.aspx?ID=6'. The application's navigation bar includes tabs for 'System Administration', 'Cardholder Data', 'Event Monitoring', 'Hardware Configuration', 'System Configuration', 'Reports' (which is active), 'Historical Log', 'Maps', and 'External Systems'. Below the navigation bar, the 'Millenium Xtra' logo is displayed, along with 'Current Partition: Default Partition', 'Logged User: Admin', 'Time Online: 05:19', and 'Base Online: 18:18'. The left sidebar contains a tree view with 'Cardholder Reports' expanded, showing sub-items: 'Cardholder', 'Cardholder Access', 'Cards with overlapped Access', 'CardView History', 'Configuration Reports', 'Event Reports', and 'Status Reports'. The main content area is titled 'Report Configuration' and contains a 'SELECTED REPORT' dropdown menu set to 'Cardholder'. Below this is the 'DATA SELECTION CRITERIA' section, which includes 'Alpha-numeric' fields for 'from' and 'to', and a checked 'All' checkbox. At the bottom of this section are three buttons: 'Run' (green), 'Cancel' (red), and 'Help' (blue). The footer of the application shows the copyright '©2000–2011 Millennium Group, Inc.' and links for 'Change Password', 'Company Info', 'Privacy Policy', and 'Open in Separate Window'.

### Cardholder Report

To obtain the **Cardholder Report**, select **Cardholder Reports - Cardholder** menu item from the **Left-side Menu**.

Alternatively, you may select the required type of report using the **Selected Report** dropdown on every screen.

**Cardholder Report** has the following **Field Set** by default:

#, Last Name, First Name, MI, Employee ID, Printed Card Number, Expiration Date, Activation Date, Bage Type, Card Class.

**Cardholder Report** has following **Data Selection Criteria**:


Alpha-numeric: **from:** **to:**

\***All** checkbox

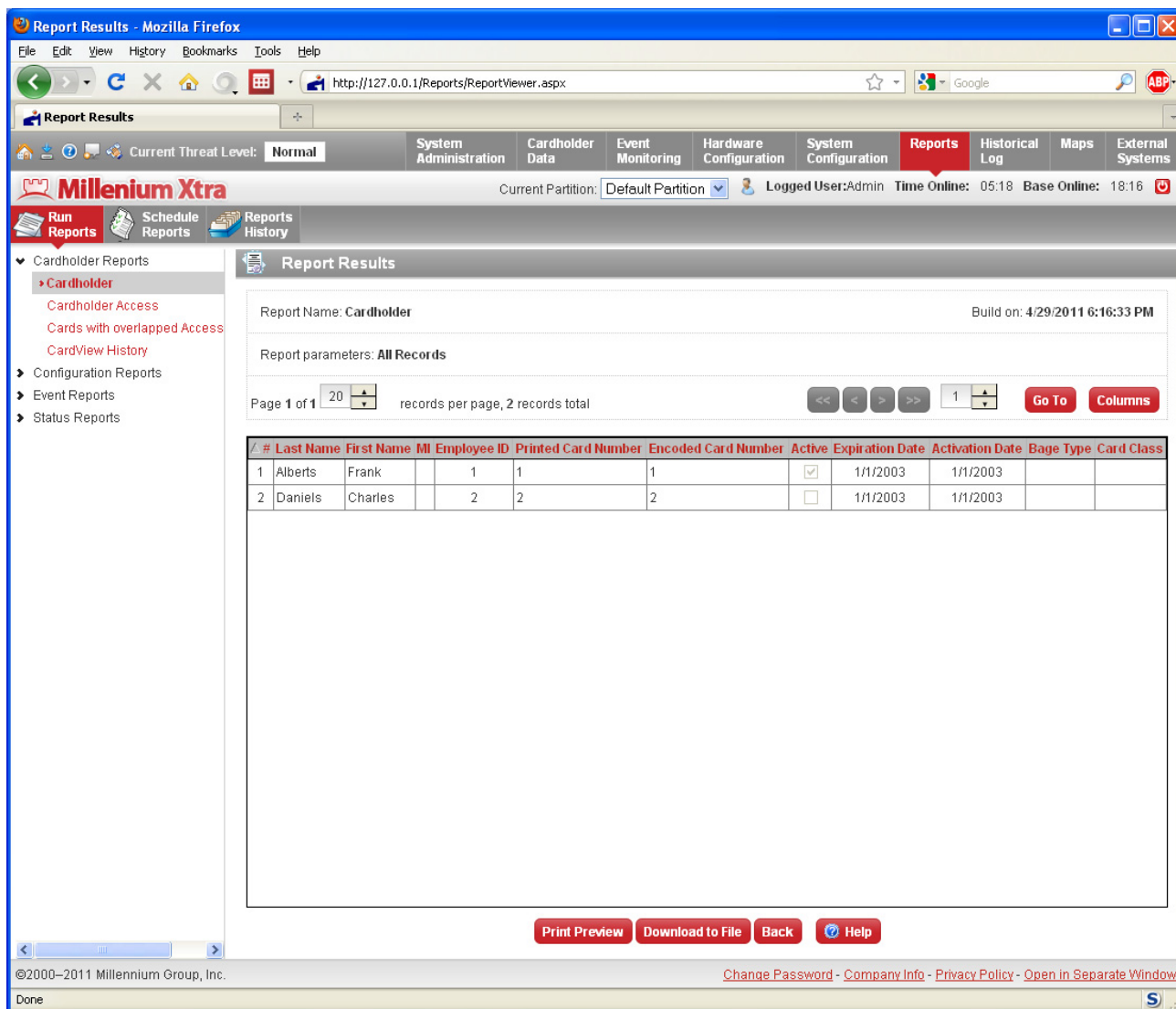
When **All** checkbox is checked, all records will be output.

**From:** and **To:** criteria are referred only to **Last Name** field.

**From:** and **To:** Must be typed exactly like this name is stored in database (i.e. From: Atkinson To: Zimmerman) to include boundary conditions. Criteria also may be input in a form From: A To: Y, or From: 1 To: Z, or From: Ab To: Wh etc. From: value should be "less" then To: value (in alphanumerical sense), otherwise error popup message will be displayed.

After **Data Selection Criteria** is defined, press Run  button to obtain the report.

Report Results window will appear:



Report Results - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://127.0.0.1/Reports/ReportViewer.aspx

Report Results

Current Threat Level: Normal

System Administration Cardholder Data Event Monitoring Hardware Configuration System Configuration Reports Historical Log Maps External Systems

Millenium Xtra

Current Partition: Default Partition Logged User: Admin Time Online: 05:18 Base Online: 18:16

Run Reports Schedule Reports Reports History

Cardholder Reports

Cardholder

Cardholder Access

Cards with overlapped Access

CardView History

Configuration Reports

Event Reports

Status Reports

Report Results

Report Name: Cardholder Build on: 4/29/2011 6:16:33 PM

Report parameters: All Records

Page 1 of 1 20 records per page, 2 records total

Go To Columns

#	Last Name	First Name	MI	Employee ID	Printed Card Number	Encoded Card Number	Active	Expiration Date	Activation Date	Bage Type	Card Class
1	Alberts	Frank		1	1	1	<input checked="" type="checkbox"/>	1/1/2003	1/1/2003		
2	Daniels	Charles		2	2	2	<input type="checkbox"/>	1/1/2003	1/1/2003		

Print Preview Download to File Back Help

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Done

Millenium Xtra Operator can select which fields are necessary to display.

To select fields which will be displayed, press  Columns button.

Millenium Xtra: Report Results - Visible Columns

Visibility	Column
<input checked="" type="checkbox"/>	#
<input checked="" type="checkbox"/>	Last Name
<input checked="" type="checkbox"/>	First Name
<input checked="" type="checkbox"/>	MI
<input checked="" type="checkbox"/>	Employee ID
<input checked="" type="checkbox"/>	Access Level 1
<input checked="" type="checkbox"/>	Access Level 2
<input checked="" type="checkbox"/>	Access Level 3
<input checked="" type="checkbox"/>	Access Level 4
<input checked="" type="checkbox"/>	Access Level 5
<input checked="" type="checkbox"/>	Access Level 6

Select column visibility using correspondent checkbox(-es).

Select All button checks all the checkboxes.

Invert Selection button inverts your selection.

Press  OK button to apply your selection.

Press  Cancel button to cancel your selection.

If the number of records for output is too much to display on one screen, Millenium Xtra Operator can set up the number of records per page using the "records per page" selector. Just type in the required decimal number. Buttons <<, <, >, >> are used for navigation from one record to another and from one page to another. Page number selector with the "Go To" button is used for quick navigation to the certain page.

Print Preview button outputs the report data in a simple printable format.

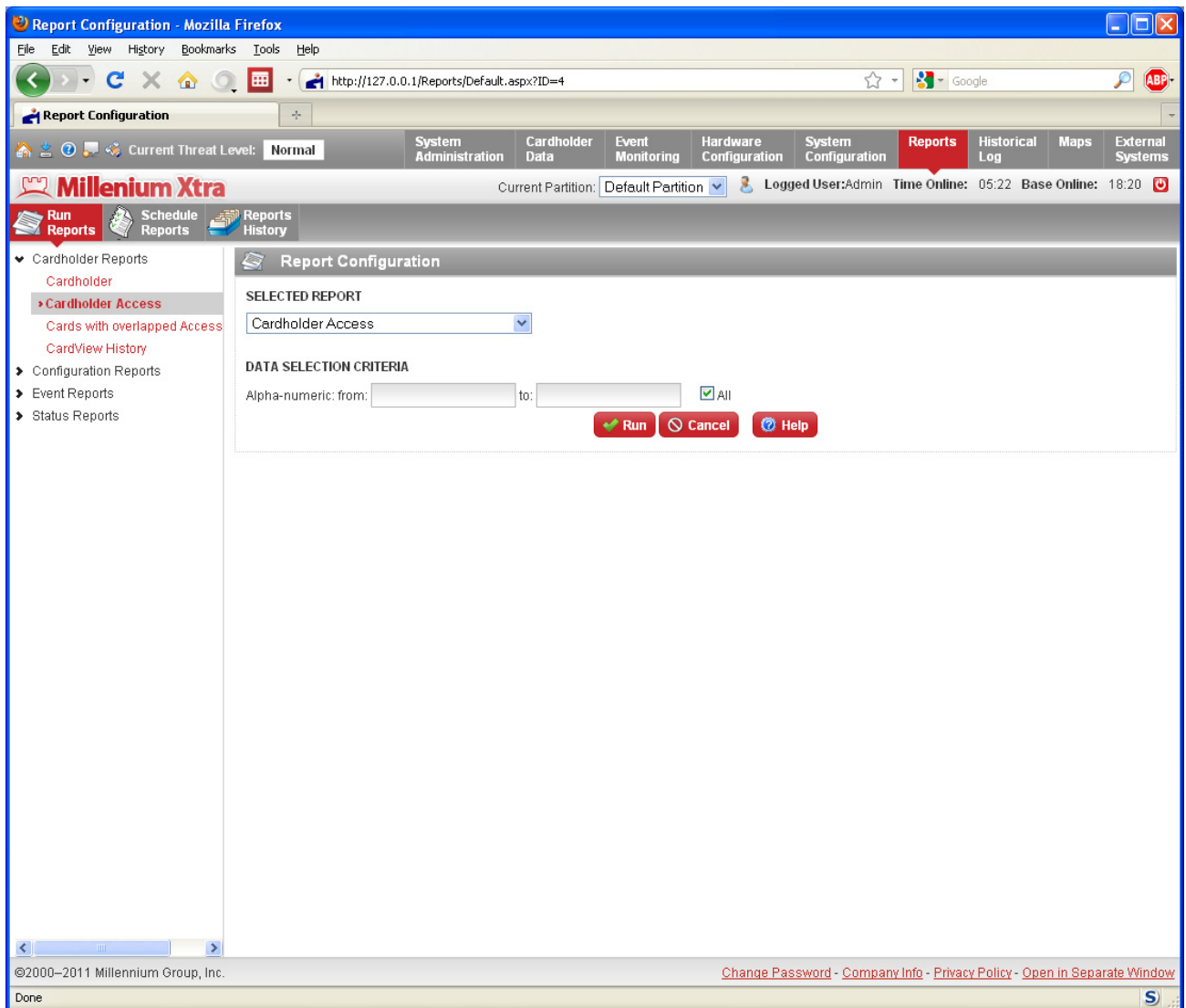
Download to File button enables to save your report locally in a file.

Supported output file formats are the following:

- Comma delimited (default)
- Tab delimited
- XML
- ADO.NET Dataset

Press  Back button to enter another **Data Selection Criteria**.

## Run Reports - Cardholder Reports - Cardholder Access



### Cardholder Access Report

To obtain required the **Cardholder Access Report**, select **Cardholder Reports - Cardholder Access** menu item from the **Left-side Menu**.

Alternatively, you may select the required type of report using the **Selected Report** dropdown on every screen.

**Cardholder Access Report** has the following **Field Set** by default:

#, Last Name, First Name, MI, Employee ID, Access Level 1, Access Level 2, Access Level 3, Access Level 4, Access Level 5, Access Level 6

**Cardholder Access Report** has following **Data Selection Criteria**:

Alpha-numeric: **from:** **to:**

\***All** checkbox

When **All** checkbox is checked, all records will be output.

**From:** and **To:** criteria are referred only to **Last Name** field.

**From:** and **To:** Must be typed exactly like this name is stored in database (i.e. From: Atkinson To: Zimmerman) to include boundary conditions. Criteria also may be input in a form From: A To: Y, or From: 1 To: Z, or From: Ab To: Wh etc. From: value should be "less" then To: value (in alphanumerical sense), otherwise error popup message will be displayed.

After **Data Selection Criteria** is defined, press Run button to obtain the report.

Report Results window will appear:

**Report Results - Mozilla Firefox**

File Edit View History Bookmarks Tools Help

http://127.0.0.1/Reports/ReportViewer.aspx

**Report Results**

Current Threat Level: **Normal** System Administration Cardholder Data Event Monitoring Hardware Configuration System Configuration **Reports** Historical Log Maps External Systems

**Millenium Xtra** Current Partition: **Default Partition** Logged User: Admin Time Online: 05:23 Base Online: 18:21

**Run Reports** **Schedule Reports** **Reports History**

▼ Cardholder Reports  
Cardholder  
▶ **Cardholder Access**  
Cards with overlapped Access  
CardView History  
▶ Configuration Reports  
▶ Event Reports  
▶ Status Reports

**Report Results**

Report Name: **Cardholder Access** Build on: 4/29/2011 6:21:34 PM

Report parameters: **All Records**

Page 1 of 1 20 records per page, 2 records total

Go To Columns

#	Last Name	First Name	MI	Employee ID	Access Level 1	Access Level 2	Access Level 3	Access Level 4	Access Level 5	Access Level 6
1	Alberts	Frank		1	Access Level 1					
2	Daniels	Charles		2	Access Level 2					

Print Preview Download to File Back Help

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Done

Millenium Xtra Operator can select which fields are necessary to display.

To select fields which will be displayed, press **Columns** Columns button.



Millenium Xtra: Report Results - Visible Columns

Visibility	Column
<input checked="" type="checkbox"/>	#
<input checked="" type="checkbox"/>	Last Name
<input checked="" type="checkbox"/>	First Name
<input checked="" type="checkbox"/>	MI
<input checked="" type="checkbox"/>	Employee ID
<input checked="" type="checkbox"/>	Access Level 1
<input checked="" type="checkbox"/>	Access Level 2
<input checked="" type="checkbox"/>	Access Level 3
<input checked="" type="checkbox"/>	Access Level 4
<input checked="" type="checkbox"/>	Access Level 5
<input checked="" type="checkbox"/>	Access Level 6

Select column visibility using correspondent checkbox(-es).

Select All button checks all the checkboxes.

Invert Selection button inverts your selection.

Press  OK button to apply your selection.

Press  Cancel button to cancel your selection.

If the number of records for output is too much to display on one screen, Millenium Xtra Operator can set up the number of records per page using the "records per page" selector. Just type in the required decimal number. Buttons <<, <, >, >> are used for navigation from one record to another and from one page to another. Page number selector with the "Go To" button is used for quick navigation to the certain page.

Print Preview button outputs the report data in a simple printable format.

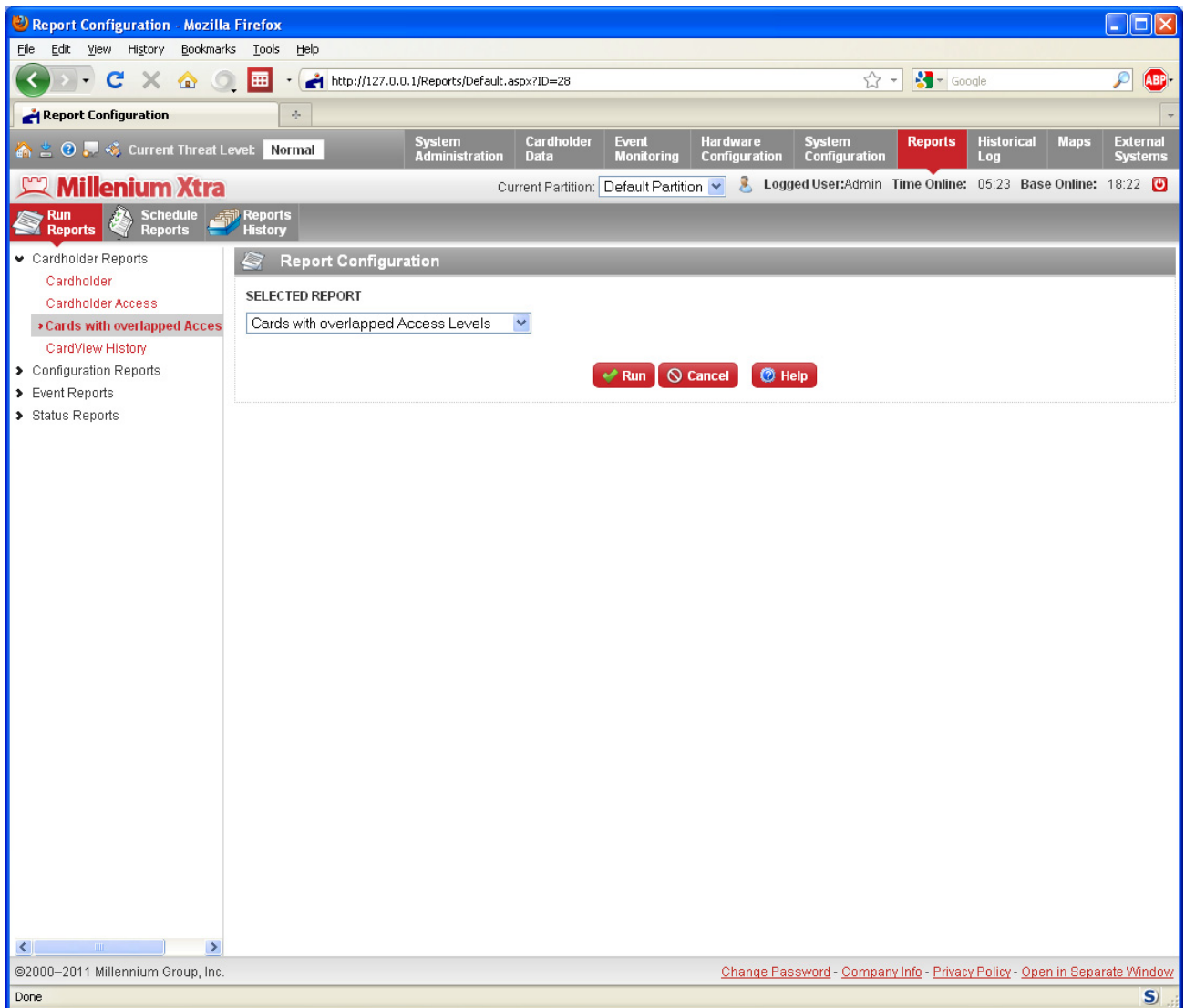
Download to File button enables to save your report locally in a file.

Supported output file formats are the following:

- Comma delimited (default)
- Tab delimited
- XML
- ADO.NET Dataset

Press  Back button to enter another **Data Selection Criteria**.

## Run Reports - Cardholder Reports - Cards with overlapped Access Levels



### Cards with overlapped Access Levels

This reports shows cardholders that have access to the same door with two different access groups and/or timezones.

To obtain the required **Cards with overlapped Access Levels Report**, select **Cardholder Reports - Cards with overlapped Access Levels** menu item from the **Left-side Menu**.

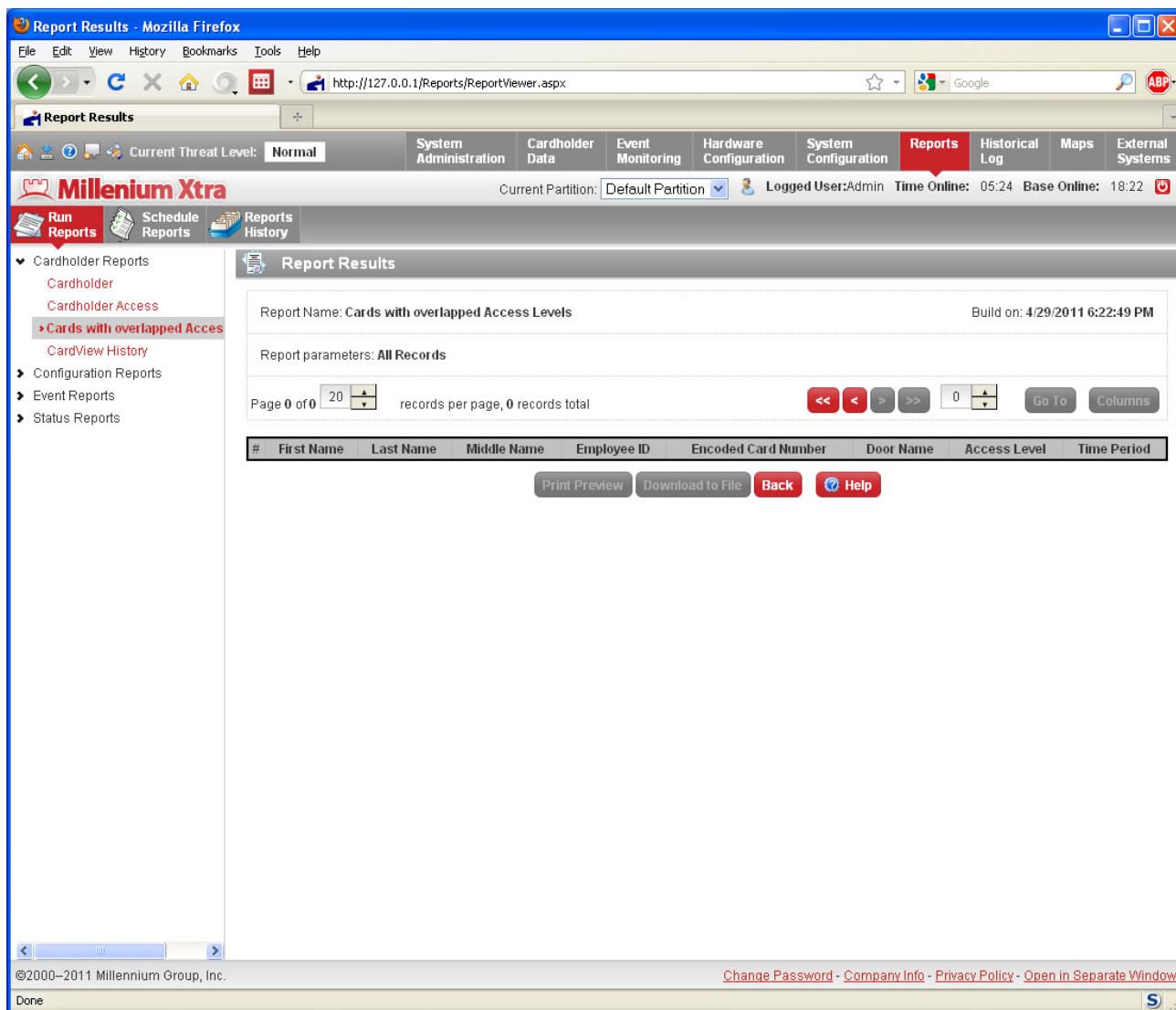
Alternatively, you may select the required type of report using the **Selected Report** dropdown on every screen.

**Cards with overlapped Access Levels Report** has the following **Field Set** by default:

#, First Name, Last Name, Middle Name, Employee ID, Encoded Card Number, Door Name, Access Level, Time Period

**Cards with overlapped Access Levels Report** has no **Data Selection Criteria**:

After pressing Run button to obtain the report, Report Results window will appear:



Millenium Xtra Operator can select which fields are necessary to display.

To select fields which will be displayed, press **Columns** Columns button.

Millenium Xtra: Report Results - Visible Columns

Visibility	Column
<input checked="" type="checkbox"/>	#
<input checked="" type="checkbox"/>	Last Name
<input checked="" type="checkbox"/>	First Name
<input checked="" type="checkbox"/>	MI
<input checked="" type="checkbox"/>	Employee ID
<input checked="" type="checkbox"/>	Access Level 1
<input checked="" type="checkbox"/>	Access Level 2
<input checked="" type="checkbox"/>	Access Level 3
<input checked="" type="checkbox"/>	Access Level 4
<input checked="" type="checkbox"/>	Access Level 5
<input checked="" type="checkbox"/>	Access Level 6

Select column visibility using correspondent checkbox(-es).

Select All button checks all the checkboxes.

Invert Selection button inverts your selection.

Press  OK button to apply your selection.

Press  Cancel button to cancel your selection.

If the number of records for output is too much to display on one screen, Millenium Xtra Operator can set up the number of records per page using the "records per page" selector. Just type in the required decimal number. Buttons <<, <, >, >> are used for navigation from one record to another and from one page to another. Page number selector with the "Go To" button is used for quick navigation to the certain page.

Print Preview button outputs the report data in a simple printable format.

Download to File button enables to save your report locally in a file.

Supported output file formats are the following:

- Comma delimited (default)
- Tab delimited
- XML
- ADO.NET Dataset

Press  Back button to enter another **Data Selection Criteria**.

## Run Reports - Cardholder Reports – CardView History

### CardView History

To obtain required the **CardView History Report**, select **Cardholder Reports - CardView History** menu item from the **Left-side Menu**.

Alternatively, you may select the required type of report using the **Selected Report** dropdown on every screen.

**CardView History Report** has the following **Field Set** by default:

#, Cardholder Object ID, Employee ID, First Name, Last Name, MI, Primary Location, Master Area, Department, Supervisor, Internal Phone, Issue Date, Employment Date, Company Email, Employee Class, Comment, Ada Shunt, Badge, Reissue Date, Vehicle Model, Vehicle Year, Vehicle Color, Liscence Plate, Parking Designation, Parking Assignment, Email, Comment 2, Image File Name, Sign File Name, Image Public Name, Sign Public Name, Card 1 Card ID, Card 1 Printed Card Number, Card 1 Encoded Card Number, Card 1 PIN, Card 1 Expiration Date, Card 1 Activation Date, Card 1 Card Class, Card 1 Bage

Type, Card 1 Access Level 1, Card 1 Access Level 2, Card 1 Access Level 3, Card 1 Access Level 4, Card 1 Access Level 5, Card 1 Access Level 6, Card 1 Active, Card 2 Card ID, Card 2 Printed Card Number, Card 2 Encoded Card Number, Card 2 PIN, Card 2 Expiration Date, Card 2 Activation Date, Card 2 Card Class, Card 2 Bage Type, Card 2 Access Level 1, Card 2 Access Level 2, Card 2 Access Level 3, Card 2 Access Level 4, Card 2 Access Level 5, Card 2 Access Level 6, Card 2 Active, Card 3 Card ID, Card 3 Printed Card Number, Card 3 Encoded Card Number, Card 3 PIN, Card 3 Expiration Date, Card 3 Activation Date, Card 3 Card Class, Card 3 Bage Type, Card 3 Access Level 1, Card 3 Access Level 2, Card 3 Access Level 3, Card 3 Access Level 4, Card 3 Access Level 5, Card 3 Access Level 6, Card 3 Active, Transaction Name, Value Type, Date

**CardView History Report** has following **Data Selection Criteria**:

- Date Range: **from:** **to:**

or

- Employee ID#: **from:** **to:**
- Last Names: **from:** **to:**

\***All** checkbox (for all Last Names)

- Card Number: (enter the required Card Number here)

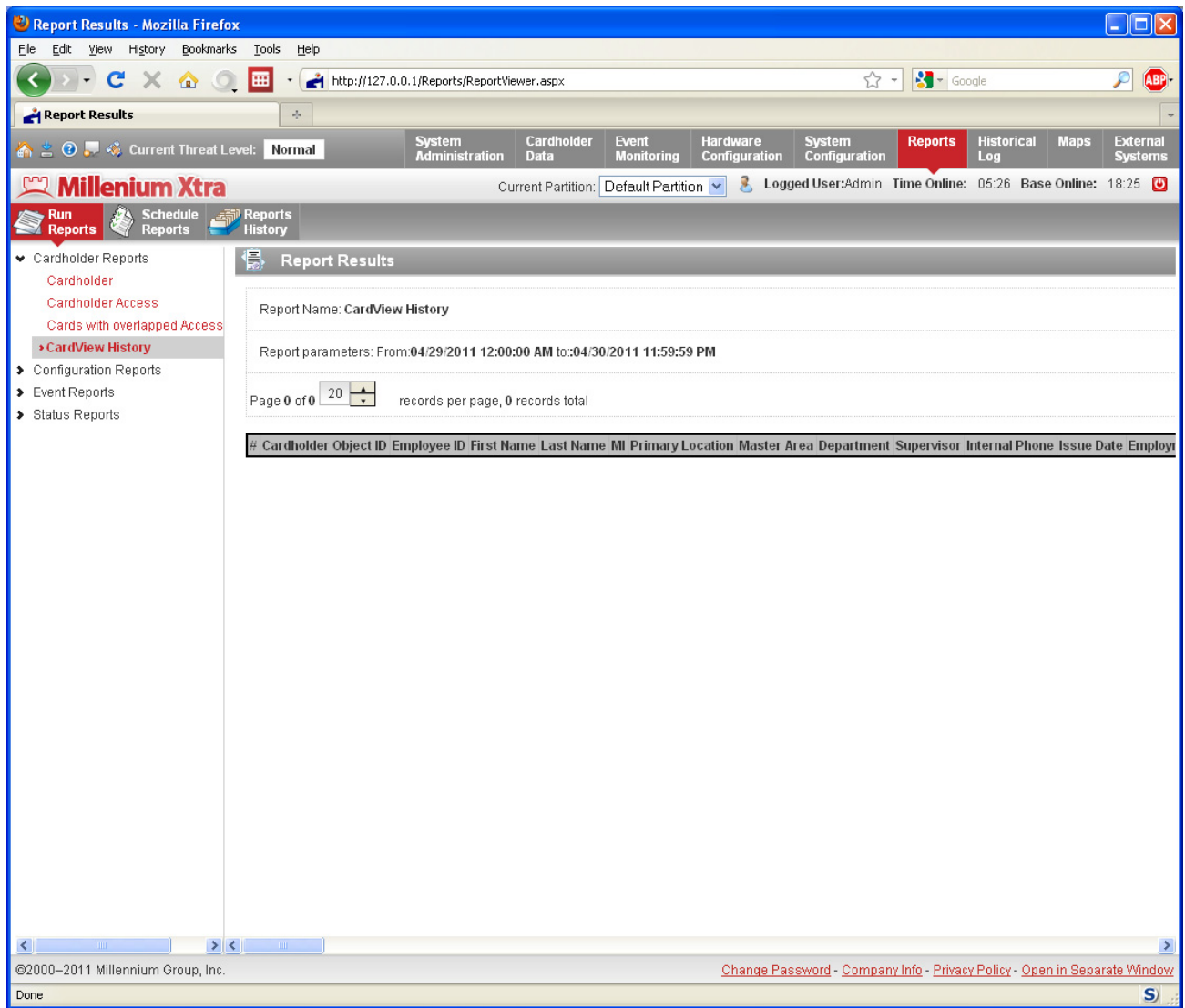
When **All** checkbox is checked, all records with all Last Names will be output.

**From:** and **To:** criteria are referred only to **Date Range**, **Employee ID#**, **Last Names** fields.

**From:** and **To:** Must be typed exactly like this name is stored in database (i.e. From: Atkinson To: Zimmerman) to include boundary conditions. Criteria also may be input in a form From: A To: Y, or From: 1 To: Z, or From: Ab To: Wh etc. From: value should be "less" then To: value (in alphanumerical sense), otherwise error popup message will be displayed.

After **Data Selection Criteria** is defined, press Run button to obtain the report.

Report Results window will appear:



Millenium Xtra Operator can select which fields are necessary to display.

To select fields which will be displayed, press **Columns** Columns button.

Millenium Xtra: Report Results - Visible Columns

Visibility	Column
<input checked="" type="checkbox"/>	#
<input checked="" type="checkbox"/>	Last Name
<input checked="" type="checkbox"/>	First Name
<input checked="" type="checkbox"/>	MI
<input checked="" type="checkbox"/>	Employee ID
<input checked="" type="checkbox"/>	Access Level 1
<input checked="" type="checkbox"/>	Access Level 2
<input checked="" type="checkbox"/>	Access Level 3
<input checked="" type="checkbox"/>	Access Level 4
<input checked="" type="checkbox"/>	Access Level 5
<input checked="" type="checkbox"/>	Access Level 6

Select column visibility using correspondent checkbox(-es).

Select All button checks all the checkboxes.

Invert Selection button inverts your selection.

Press  OK button to apply your selection.

Press  Cancel button to cancel your selection.

If the number of records for output is too much to display on one screen, Millenium Xtra Operator can set up the number of records per page using the "records per page" selector. Just type in the required decimal number. Buttons <<, <, >, >> are used for navigation from one record to another and from one page to another. Page number selector with the "Go To" button is used for quick navigation to the certain page.

Print Preview button outputs the report data in a simple printable format.

Download to File button enables to save your report locally in a file.

Supported output file formats are the following:

- Comma delimited (default)
- Tab delimited
- XML
- ADO.NET Dataset

Press  Back button to enter another **Data Selection Criteria**.



## Configuration Reports

### Run Reports - Configuration Reports - Alarm Acknowledgement Template

The screenshot shows the 'Report Configuration' page in the Millenium Xtra application. The browser window is titled 'Report Configuration - Mozilla Firefox' and the address bar shows 'http://127.0.0.1/Reports/Default.aspx?ID=25'. The application interface includes a top navigation bar with tabs for 'System Administration', 'Cardholder Data', 'Event Monitoring', 'Hardware Configuration', 'System Configuration', 'Reports' (selected), 'Historical Log', 'Maps', and 'External Systems'. Below this is a status bar showing 'Current Partition: Default Partition', 'Logged User: Admin', 'Time Online: 05:27', and 'Base Online: 18:25'. The left sidebar contains a 'Left-side Menu' with categories like 'Cardholder Reports', 'Configuration Reports', 'Event Reports', and 'Status Reports'. Under 'Configuration Reports', the 'Alarm Acknowledgement Template' is selected. The main content area is titled 'Report Configuration' and features a 'SELECTED REPORT' dropdown menu set to 'Alarm Acknowledgement Template'. Below this is a 'DATA SELECTION CRITERIA' section with an 'Alpha-numeric: from:' field, a 'to:' field, and a checked 'All' checkbox. At the bottom of this section are 'Run', 'Cancel', and 'Help' buttons. The footer of the application shows '©2000–2011 Millennium Group, Inc.' and links for 'Change Password', 'Company Info', 'Privacy Policy', and 'Open in Separate Window'.

### Alarm Acknowledgement Template Report

To obtain the **Alarm Acknowledgement Template Report**, select **Configuration Reports - Alarm Acknowledgement Template** menu item from the **Left-side Menu**.

Alternatively, you may select the required type of report using the Selected Report dropdown on every screen.

**Alarm Acknowledgement Template Report** has the following **Field Set** by default:

#, Ack. Template Name, Priority, Number of Acknowledgements, Primary Ack. Time, Secondary Ack. Time, Alarm Action Message, Active Alarm Clear, Auto Alarm Clear, Ack. Comment Required.

**Alarm Acknowledgement Template Report** has following **Data Selection Criteria**:

Alpha-numeric: **from:** **to:**

\*All checkbox

When **All** checkbox is checked, all records will be output.

**From:** and **To:** criteria are referred only to **Ack. Template Name** field. Must be typed exactly like this name is stored in database (i.e. From: Invalid Card Holder Events To: Input Trouble Event) to include boundary conditions. Criteria also may be input in a form From: A To: Y, or From: 1 To: Z, or From: Ab To: Wh etc. From: value should be "less" than To: value (in alphanumerical sense), otherwise error popup message will be displayed.

After **Data Selection Criteria** is defined, press Run button to obtain the report.

Report Results window will appear:

The screenshot shows the 'Report Results' window in Mozilla Firefox. The browser address bar shows 'http://127.0.0.1/Reports/ReportViewer.aspx'. The application header includes 'Millenium Xtra' and 'Current Partition: Default Partition'. The 'Reports' menu is active, showing 'Run Reports', 'Schedule Reports', and 'Reports History'. The left sidebar lists various report categories, with 'Alarm Acknowledgement Template' selected. The main content area displays the report results for 'Alarm Acknowledgement Template' with parameters set to 'All Records'. The report shows 5 records per page, with 5 records total. The table below lists the records:

#	Ack. Template Name	Priority	Number of Acknowledgements	Primary Ack. Time	Secondary Ack. Time	Alarm Action
1	All controller functions	1	0			Investigate alarm for the controller iden
2	Door Alarms Template	10	0			Door operation alarm. Investigate door
3	Invalid Card Holder Events	20	0			Cardholder operation event. Investigate
4	Input Alarm Events	10	0			Input operation alarm. Investigate input
5	Input Trouble Event	20	0			Input operation alarm. Investigate input

At the bottom of the window, there are buttons for 'Print Preview', 'Download to File', 'Back', and 'Home'. The footer includes copyright information for Millennium Group, Inc. and links for 'Change Password', 'Company Info', 'Privacy Policy', and 'Open in Separate Window'.

Millenium Xtra Operator can select which fields are necessary to display.

To select fields which will be displayed, press **Columns** Columns button.

Millenium Xtra: Report Results - Visible Columns

Visibility	Column
<input checked="" type="checkbox"/>	#
<input checked="" type="checkbox"/>	Last Name
<input checked="" type="checkbox"/>	First Name
<input checked="" type="checkbox"/>	MI
<input checked="" type="checkbox"/>	Employee ID
<input checked="" type="checkbox"/>	Access Level 1
<input checked="" type="checkbox"/>	Access Level 2
<input checked="" type="checkbox"/>	Access Level 3
<input checked="" type="checkbox"/>	Access Level 4
<input checked="" type="checkbox"/>	Access Level 5
<input checked="" type="checkbox"/>	Access Level 6

Select column visibility using correspondent checkbox(-es).

Select All button checks all the checkboxes.

Invert Selection button inverts your selection.

Press  OK button to apply your selection.

Press  Cancel button to cancel your selection.

If the number of records for output is too much to display on one screen, Millenium Xtra Operator can set up the number of records per page using the "records per page" selector. Just type in the required decimal number. Buttons <<, <, >, >> are used for navigation from one record to another and from one page to another. Page number selector with the "Go To" button is used for quick navigation to the certain page.

Print Preview button outputs the report data in a simple printable format.

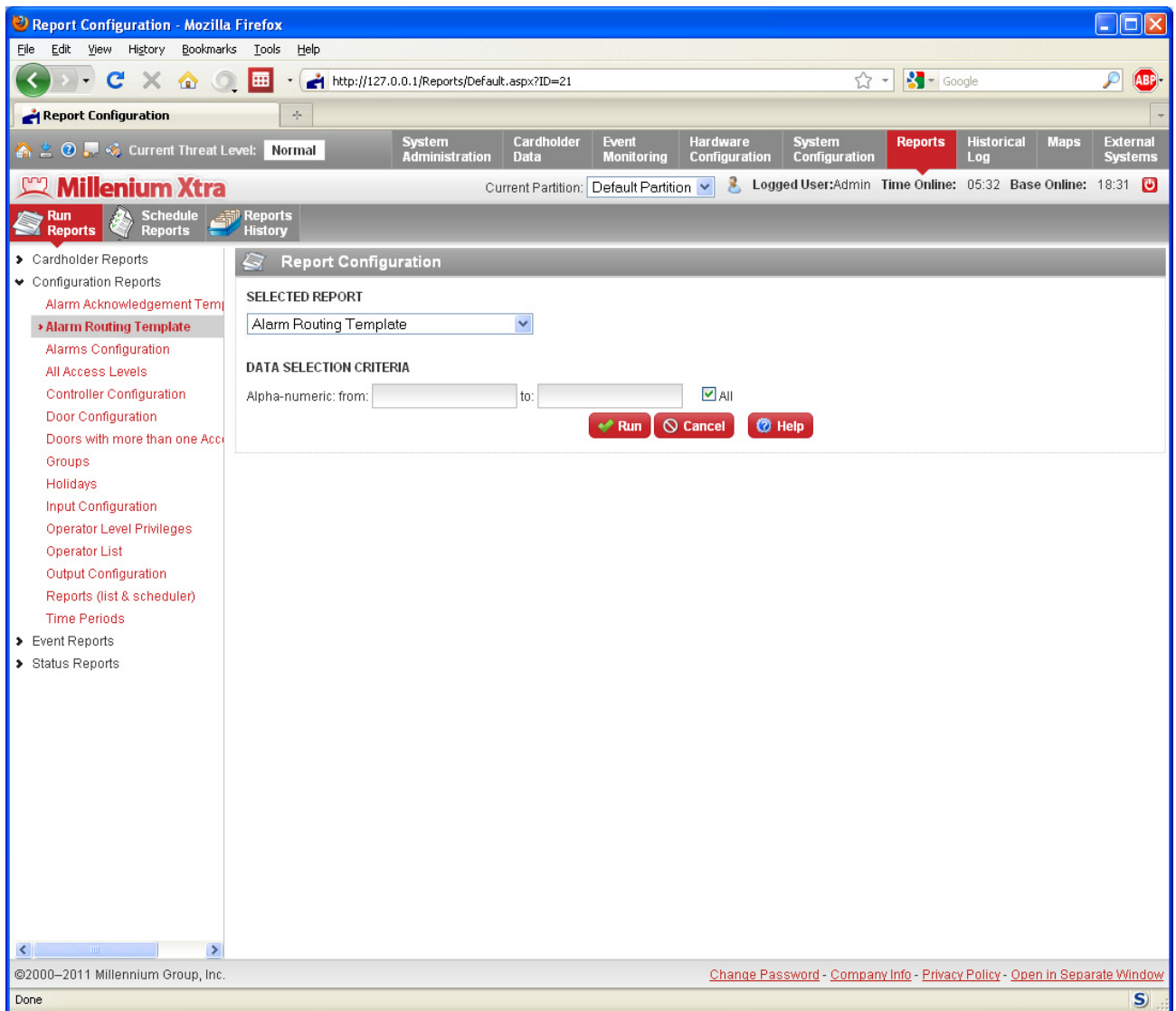
Download to File button enables to save your report locally in a file.

Supported output file formats are the following:

- Comma delimited (default)
- Tab delimited
- XML
- ADO.NET Dataset

Press  Back button to enter another **Data Selection Criteria**.

## Run Reports - Configuration Reports - Alarm Routing Template



### Alarm Routing Template Report

To obtain the **Alarm Routing Template Report**, select **Configuration Reports - Alarm Routing Template** menu item from the **Left-side Menu**.

Alternatively, you may select the required type of report using the **Selected Report** dropdown on every screen.

**Alarm Routing Template Report** has the following **Field Set** by default:

#, Routing Template Name, Active, Operator Name, Time Period, Routing Level, Routing Type.

**Alarm Routing Template Report** has following **Data Selection Criteria**:

Alpha-numeric: **from:** **to:**

\***All** checkbox

When **All** checkbox is checked, all records will be output.

**From:** and **To:** criteria are referred only to **Routing Template Name** field. Must be typed exactly like this name is stored in database (i.e. From: Alarm Default Routing To: Alarm Default Routing) to include boundary conditions. Criteria also may be input in a form From: A To: Y, or From: 1 To: Z, or From: Ab To: Wh etc. From: value should be "less" than To: value (in alphanumerical sense), otherwise error popup message will be displayed.

After **Data Selection Criteria** is defined, press Run button to obtain the report.

Report Results window will appear:

**Report Results - Mozilla Firefox**

File Edit View History Bookmarks Tools Help

http://127.0.0.1/Reports/ReportViewer.aspx

Report Results

Current Threat Level: Normal

System Administration Cardholder Data Event Monitoring Hardware Configuration System Configuration **Reports** Historical Log Maps External Systems

Millenium Xtra

Current Partition: Default Partition Logged User: Admin Time Online: 07:02 Base Online: 20:00

Run Reports Schedule Reports Reports History

Cardholder Reports

Configuration Reports

Alarm Acknowledgement Template

**Alarm Routing Template**

Alarms Configuration

All Access Levels

Controller Configuration

Door Configuration

Doors with more than one Access Level

Groups

Holidays

Input Configuration

Operator Level Privileges

Operator List

Output Configuration

Reports (list & scheduler)

Time Periods

Event Reports

Status Reports

**Report Results**

Report Name: Alarm Routing Template Build on: 4/29/2011 6:31:50 PM

Report parameters: All Records

Page 1 of 1 20 records per page, 4 records total

Go To Columns

#	Routing Template Name	Active	Operator Name	Time Period	Routing Level	Routing Type
1	Alarm Default Routing	<input checked="" type="checkbox"/>	ADMIN	Always	Primary	User/Operator
2	Alarm Default Routing	<input checked="" type="checkbox"/>	ADMIN2	Always	Primary	User/Operator
3	Event Default Routing	<input checked="" type="checkbox"/>	ADMIN	Always	Primary	User/Operator
4	Event Default Routing	<input checked="" type="checkbox"/>	ADMIN2	Always	Primary	User/Operator

Print Preview Download to File Back Help

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Done

Millenium Xtra Operator can select which fields are necessary to display.

To select fields which will be displayed, press **Columns** Columns button.

Millenium Xtra: Report Results - Visible Columns

Visibility	Column
<input checked="" type="checkbox"/>	#
<input checked="" type="checkbox"/>	Last Name
<input checked="" type="checkbox"/>	First Name
<input checked="" type="checkbox"/>	MI
<input checked="" type="checkbox"/>	Employee ID
<input checked="" type="checkbox"/>	Access Level 1
<input checked="" type="checkbox"/>	Access Level 2
<input checked="" type="checkbox"/>	Access Level 3
<input checked="" type="checkbox"/>	Access Level 4
<input checked="" type="checkbox"/>	Access Level 5
<input checked="" type="checkbox"/>	Access Level 6

Select column visibility using correspondent checkbox(-es).

Select All button checks all the checkboxes.

Invert Selection button inverts your selection.

Press  OK button to apply your selection.

Press  Cancel button to cancel your selection.

If the number of records for output is too much to display on one screen, Millenium Xtra Operator can set up the number of records per page using the "records per page" selector. Just type in the required decimal number. Buttons <<, <, >, >> are used for navigation from one record to another and from one page to another. Page number selector with the "Go To" button is used for quick navigation to the certain page.

Print Preview button outputs the report data in a simple printable format.

Download to File button enables to save your report locally in a file.

Supported output file formats are the following:

- Comma delimited (default)
- Tab delimited
- XML
- ADO.NET Dataset

Press  Back button to enter another **Data Selection Criteria**.

## Run Reports - Configuration Reports - Alarms Configuration

### Alarms Configuration Report

To obtain the **Alarms Configuration Report**, select **Configuration Reports - Alarms Configuration** menu item from the **Left-side Menu**.

Alternatively, you may select the required type of report using the **Selected Report** dropdown on every screen.

**Alarms Configuration Report** has the following **Field Set** by default:

#, Alarm/Event Definition Name, Alarm, Ask. Template, Alarm Trigger Delay, Alarm Time Period, Output Name, Output Time Period, Routing Template, Camera Template, Linked to Input Group, Input Name, Input Time Period, Input Duration Time, UnShunt.

**Alarms Configuration Report** has following **Data Selection Criteria**:

Alpha-numeric: **from:** **to:**



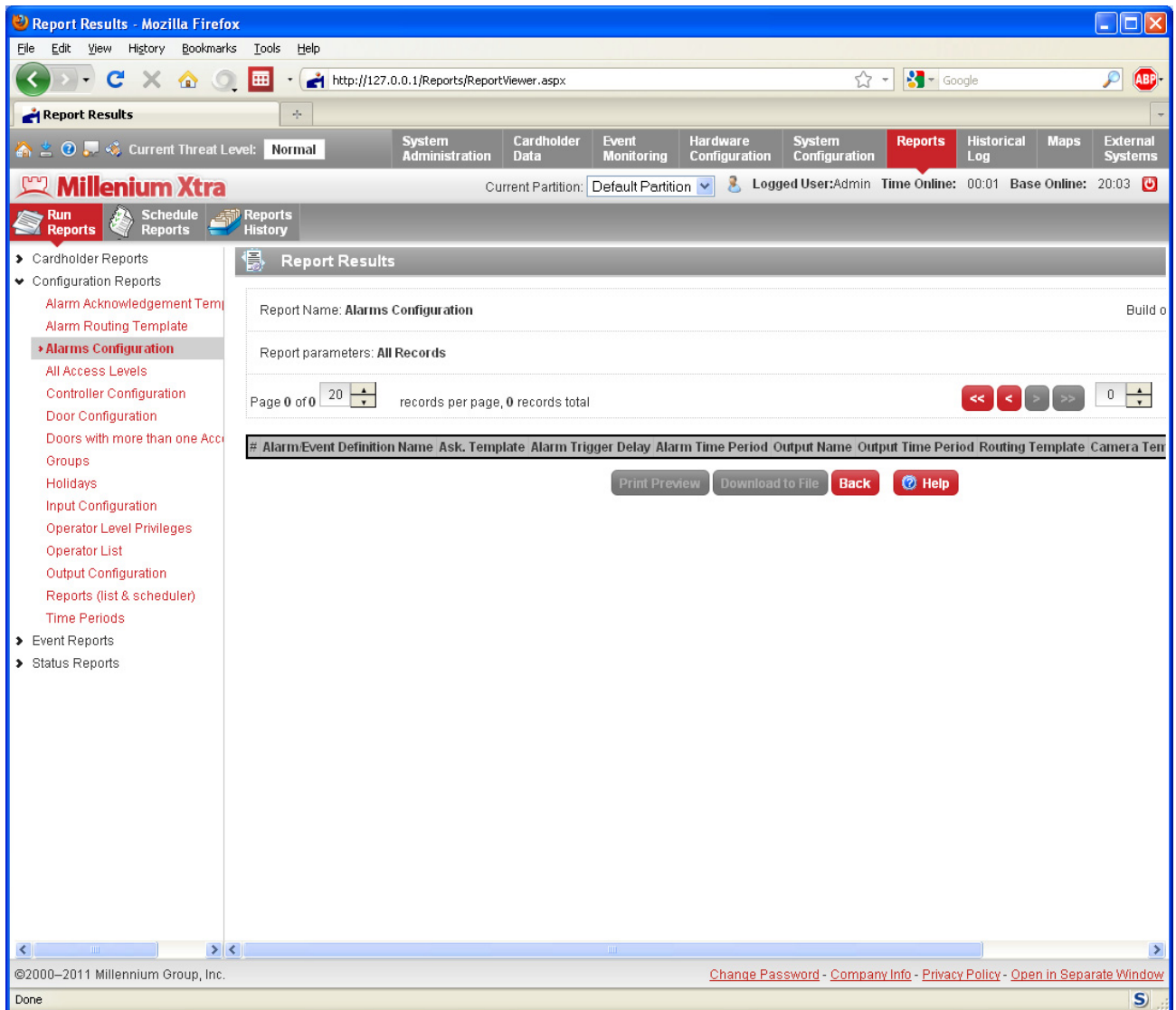
\*All checkbox

When **All** checkbox is checked, all records will be output.

**From:** and **To:** criteria are referred only to **Alarm/Event Definition Name** field. Must be typed exactly like this name is stored in database to include boundary conditions. Criteria also may be input in a form From: A To: Y, or From: 1 To: Z, or From: Ab To: Wh etc. From: value should be "less" then To: value (in alphanumerical sense), otherwise error popup message will be displayed.

After **Data Selection Criteria** is defined, press Run button to obtain the report.

Report Results window will appear:



Millenium Xtra Operator can select which fields are necessary to display.

To select fields which will be displayed, press **Columns** Columns button.



Millenium Xtra: Report Results - Visible Columns

Visibility	Column
<input checked="" type="checkbox"/>	#
<input checked="" type="checkbox"/>	Last Name
<input checked="" type="checkbox"/>	First Name
<input checked="" type="checkbox"/>	MI
<input checked="" type="checkbox"/>	Employee ID
<input checked="" type="checkbox"/>	Access Level 1
<input checked="" type="checkbox"/>	Access Level 2
<input checked="" type="checkbox"/>	Access Level 3
<input checked="" type="checkbox"/>	Access Level 4
<input checked="" type="checkbox"/>	Access Level 5
<input checked="" type="checkbox"/>	Access Level 6

Select column visibility using correspondent checkbox(-es).

Select All button checks all the checkboxes.

Invert Selection button inverts your selection.

Press  OK button to apply your selection.

Press  Cancel button to cancel your selection.

If the number of records for output is too much to display on one screen, Millenium Xtra Operator can set up the number of records per page using the "records per page" selector. Just type in the required decimal number. Buttons <<, <, >, >> are used for navigation from one record to another and from one page to another. Page number selector with the "Go To" button is used for quick navigation to the certain page.

Print Preview button outputs the report data in a simple printable format.

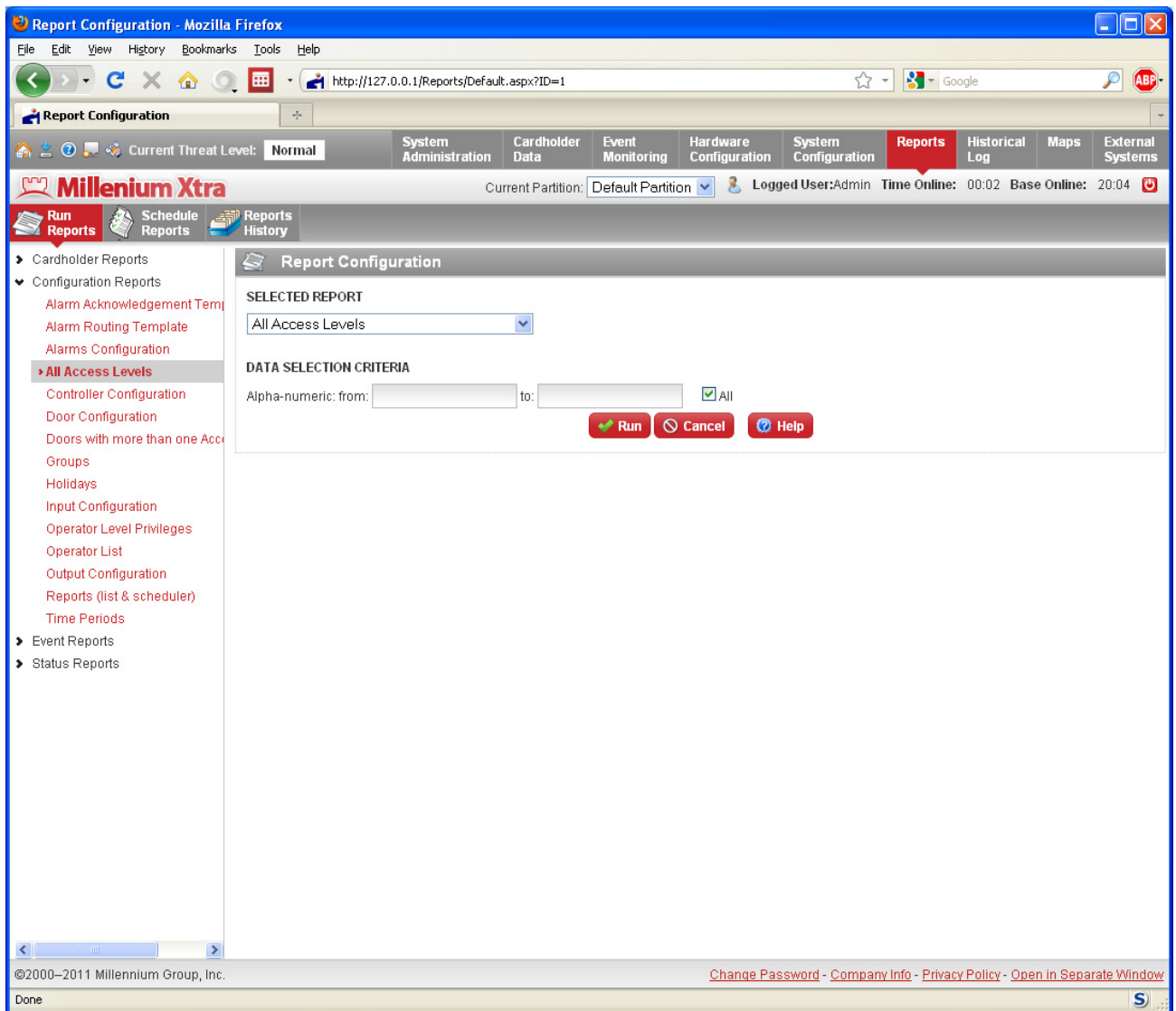
Download to File button enables to save your report locally in a file.

Supported output file formats are the following:

- Comma delimited (default)
- Tab delimited
- XML
- ADO.NET Dataset

Press  Back button to enter another **Data Selection Criteria**.

## Run Reports - Configuration Reports - All Access Levels



### All Access Levels Report

To obtain the **All Access Levels Report**, select **Configuration Reports - All Access Levels** menu item from the **Left-side Menu**.

Alternatively, you may select the required type of report using the **Selected Report** dropdown on every screen.

**All Access Levels Report** has the following **Field Set** by default:

#, Access Level Name, Object Type, Object Name, Time Period Name.

**All Access Levels Report** has following **Data Selection Criteria**:

Alpha-numeric: **from:** **to:**

\***All** checkbox

When **All** checkbox is checked, all records will be output.

From: and To: criteria are referred only to **Access Level Name** field. Must be typed exactly like this name is stored in database (i.e. From: Access Level 1 To: Access Level 2) to include boundary conditions. Criteria also may be input in a form From: A To: Y, or From: 1 To: Z, or From: Ab To: Wh etc. From: value should be "less" than To: value (in alphanumerical sense), otherwise error popup message will be displayed.

After **Data Selection Criteria** is defined, press Run button to obtain the report.

Report Results window will appear:

**Report Results - Mozilla Firefox**

File Edit View History Bookmarks Tools Help

http://127.0.0.1/Reports/ReportViewer.aspx

Report Results

Current Threat Level: Normal

System Administration Cardholder Data Event Monitoring Hardware Configuration System Configuration **Reports** Historical Log Maps External Systems

Millenium Xtra

Current Partition: Default Partition Logged User: Admin Time Online: 00:03 Base Online: 20:05

Run Reports Schedule Reports Reports History

Cardholder Reports

Configuration Reports

Alarm Acknowledgement Template

Alarm Routing Template

Alarms Configuration

**All Access Levels**

Controller Configuration

Door Configuration

Doors with more than one Access Level

Groups

Holidays

Input Configuration

Operator Level Privileges

Operator List

Output Configuration

Reports (list & scheduler)

Time Periods

Event Reports

Status Reports

**Report Results**

Report Name: All Access Levels Build on: 4/29/2011 8:05:20 PM

Report parameters: All Records

Page 1 of 1 20 records per page, 3 records total

Go To Columns

#	Access Level Name	Object Type	Object Name	Time Period Name
1	Access Level 1	Door	Controller-1-Door-1	Always
2	Access Level 1	Door	Controller-2-Door-1	Always
3	Access Level 2	Door	Controller-1-Door-2	Always

Print Preview Download to File Back Help

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Done

Millenium Xtra Operator can select which fields are necessary to display.

To select fields which will be displayed, press **Columns** Columns button.

Millenium Xtra: Report Results - Visible Columns

Visibility	Column
<input checked="" type="checkbox"/>	#
<input checked="" type="checkbox"/>	Last Name
<input checked="" type="checkbox"/>	First Name
<input checked="" type="checkbox"/>	MI
<input checked="" type="checkbox"/>	Employee ID
<input checked="" type="checkbox"/>	Access Level 1
<input checked="" type="checkbox"/>	Access Level 2
<input checked="" type="checkbox"/>	Access Level 3
<input checked="" type="checkbox"/>	Access Level 4
<input checked="" type="checkbox"/>	Access Level 5
<input checked="" type="checkbox"/>	Access Level 6

Select column visibility using correspondent checkbox(-es).

Select All button checks all the checkboxes.

Invert Selection button inverts your selection.

Press  OK button to apply your selection.

Press  Cancel button to cancel your selection.

If the number of records for output is too much to display on one screen, Millenium Xtra Operator can set up the number of records per page using the "records per page" selector. Just type in the required decimal number. Buttons <<, <, >, >> are used for navigation from one record to another and from one page to another. Page number selector with the "Go To" button is used for quick navigation to the certain page.

Print Preview button outputs the report data in a simple printable format.

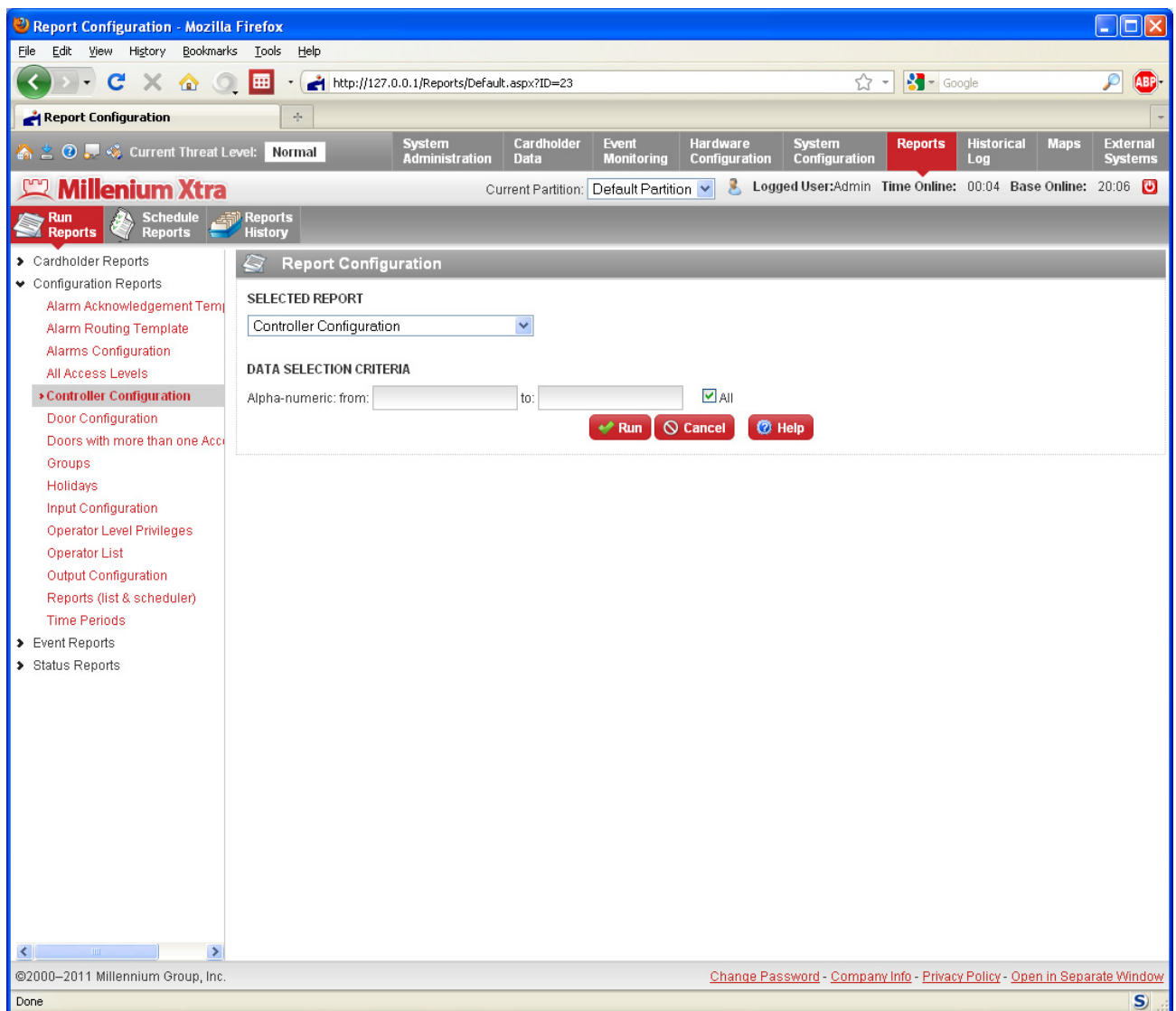
Download to File button enables to save your report locally in a file.

Supported output file formats are the following:

- Comma delimited (default)
- Tab delimited
- XML
- ADO.NET Dataset

Press  Back button to enter another **Data Selection Criteria**.

## Run Reports - Configuration Reports - Controller Configuration



### Controller Configuration Report

To obtain the **Controller Configuration Report**, select **Configuration Reports - Controller Configuration** menu item from the **Left-side Menu**.

Alternatively, you may select the required type of report using the **Selected Report** dropdown on every screen.

**Controller Configuration Report** has the following **Field Set** by default:

#, Controller Name, Location, On Line, Address, Type, Site, Timezone, Daylight Saving, User Name, Password, Controller to Host, Port, IP Address, MAC Address.

**Controller Configuration Report** has following **Data Selection Criteria**:

Alpha-numeric: **from:** **to:**

\***All** checkbox

When **All** checkbox is checked, all records will be output.

**From:** and **To:** criteria are referred only to **Controller Name** field. Must be typed exactly like this name is stored in database (i.e. From:Controller-1 To:Controller-1) to include boundary conditions. Criteria also may be input in a form From: A To: Y, or From: 1 To: Z, or From: Ab To: Wh etc. From: value should be "less" then To: value (in alphanumerical sense), otherwise error popup message will be displayed.

After **Data Selection Criteria** is defined, press Run button to obtain the report.

Report Results window will appear:

The screenshot shows the 'Report Results' window in Mozilla Firefox. The browser address bar shows 'http://127.0.0.1/Reports/ReportViewer.aspx'. The application header includes 'Current Threat Level: Normal' and various navigation tabs like 'System Administration', 'Cardholder Data', 'Event Monitoring', 'Hardware Configuration', 'System Configuration', 'Reports', 'Historical Log', 'Maps', and 'External Systems'. The 'Reports' tab is active, showing a sidebar with categories like 'Cardholder Reports', 'Configuration Reports', 'Event Reports', and 'Status Reports'. Under 'Configuration Reports', 'Controller Configuration' is selected. The main content area displays the report details: 'Report Name: Controller Configuration', 'Report parameters: All Records', and 'Page 1 of 1' with '20' records per page and '3 records total'. Below this is a table with the following data:

#	Controller Name	Location	On Line	Address	Type	Site	Time Zone	Daylight Saving	User Nam
1	Controller-1	Location-A	<input checked="" type="checkbox"/>	0	DCD	Site-1 Communication	(GMT -05:00) Eastern Time(US&Canada)	<input checked="" type="checkbox"/>	
2	Controller-2	Location-B	<input type="checkbox"/>	1	DCD - 1	Site-1 Communication	(GMT -05:00) Eastern Time(US&Canada)	<input checked="" type="checkbox"/>	
3	Controller-3	Location-A	<input checked="" type="checkbox"/>	111	DCD	Site-1 Communication	(GMT -05:00) Eastern Time(US&Canada)	<input checked="" type="checkbox"/>	

At the bottom of the window, there are buttons for 'Print Preview', 'Download to File', 'Back', and 'Help'. The footer shows '©2000–2011 Millenium Group, Inc.' and links for 'Change Password', 'Company Info', 'Privacy Policy', and 'Open in Separate Window'.

Millenium Xtra Operator can select which fields are necessary to display.

To select fields which will be displayed, press **Columns** Columns button.

Millenium Xtra: Report Results - Visible Columns

Visibility	Column
<input checked="" type="checkbox"/>	#
<input checked="" type="checkbox"/>	Last Name
<input checked="" type="checkbox"/>	First Name
<input checked="" type="checkbox"/>	MI
<input checked="" type="checkbox"/>	Employee ID
<input checked="" type="checkbox"/>	Access Level 1
<input checked="" type="checkbox"/>	Access Level 2
<input checked="" type="checkbox"/>	Access Level 3
<input checked="" type="checkbox"/>	Access Level 4
<input checked="" type="checkbox"/>	Access Level 5
<input checked="" type="checkbox"/>	Access Level 6

Select column visibility using correspondent checkbox(-es).

Select All button checks all the checkboxes.

Invert Selection button inverts your selection.

Press  OK button to apply your selection.

Press  Cancel button to cancel your selection.

If the number of records for output is too much to display on one screen, Millenium Xtra Operator can set up the number of records per page using the "records per page" selector. Just type in the required decimal number. Buttons <<, <, >, >> are used for navigation from one record to another and from one page to another. Page number selector with the "Go To" button is used for quick navigation to the certain page.

Print Preview button outputs the report data in a simple printable format.

Download to File button enables to save your report locally in a file.

Supported output file formats are the following:

- Comma delimited (default)
- Tab delimited
- XML
- ADO.NET Dataset

Press  Back button to enter another **Data Selection Criteria**.

## Run Reports - Configuration Reports - Door Configuration

The screenshot shows the 'Report Configuration' page in the Millenium Xtra web application. The browser window is titled 'Report Configuration - Mozilla Firefox' and the address bar shows 'http://127.0.0.1/Reports/Default.aspx?ID=7'. The application interface includes a top navigation bar with tabs for 'System Administration', 'Cardholder Data', 'Event Monitoring', 'Hardware Configuration', 'System Configuration', 'Reports' (selected), 'Historical Log', 'Maps', and 'External Systems'. Below this is a 'Current Threat Level: Normal' indicator and a 'Current Partition: Default Partition' dropdown. The main content area is titled 'Report Configuration' and features a 'SELECTED REPORT' dropdown menu set to 'Door Configuration'. Below this is a 'DATA SELECTION CRITERIA' section with an 'Alpha-numeric: from: to:' input field and an 'All' checkbox. At the bottom of this section are three buttons: 'Run' (green), 'Cancel' (red), and 'Help' (blue). A left-side menu is visible, listing various report categories including 'Cardholder Reports', 'Configuration Reports' (expanded), 'Event Reports', and 'Status Reports'. The 'Door Configuration' item is highlighted under 'Configuration Reports'. The footer of the application shows copyright information '©2000-2011 Millenium Group, Inc.' and links for 'Change Password', 'Company Info', 'Privacy Policy', and 'Open in Separate Window'.

### Door Configuration Report

To obtain the **Door Configuration Report**, select **Configuration Reports - Door Configuration** menu item from the **Left-side Menu**.

Alternatively, you may select the required type of report using the **Selected Report** dropdown on every screen.

**Door Configuration Report** has the following **Field Set** by default:

#, Door Name, Location, On Line, Address, Controller, Unlock On REX, Shunt On REX, REX Disable TP, Relock After Open, Relock After Close, In Reader, Out Reader, Auto Unlock TP.

**Door Configuration Report** has following **Data Selection Criteria**:

Alpha-numeric: **from:** **to:**

\***All** checkbox



When **All** checkbox is checked, all records will be output.

**From:** and **To:** criteria are referred only to **Door Name** field. Must be typed exactly like this name is stored in database (i.e. From:Controller-1-Door-1 To:Controller-1-Door-2) to include boundary conditions. Criteria also may be input in a form From: A To: Y, or From: 1 To: Z, or From: Ab To: Wh etc. From: value should be "less" than To: value (in alphanumerical sense), otherwise error popup message will be displayed.

After **Data Selection Criteria** is defined, press Run button to obtain the report.

Report Results window will appear:

Report Results - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://127.0.0.1/Reports/ReportViewer.aspx

Report Results

Current Threat Level: Normal

System Administration Cardholder Data Event Monitoring Hardware Configuration System Configuration **Reports** Historical Log Maps External Systems

Millenium Xtra

Current Partition: Default Partition Logged User:Admin Time Online: 00:05 Base Online: 20:07

Run Reports Schedule Reports Reports History

Cardholder Reports

Configuration Reports

Alarm Acknowledgement Template

Alarm Routing Template

Alarms Configuration

All Access Levels

Controller Configuration

**Door Configuration**

Doors with more than one Access Level

Groups

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Input Configuration

Operator Level Privileges

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Event Reports

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Report Results

Report Name: Door Configuration

Report parameters: All Records

Page 1 of 1 20 records per page, 3 records total

#	Door Name	Location	On Line	Address	Controller	Unlock On REX	Shunt On REX	REX Disable TP	Relock After Open	Relock After Close
1	Controller-1-Door-1	Location-A	<input checked="" type="checkbox"/>	0	Controller-1	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
2	Controller-1-Door-2	Location-A	<input checked="" type="checkbox"/>	1	Controller-1	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
3	Controller-2-Door-1	Location-B	<input type="checkbox"/>	1	Controller-2	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>

Print Preview Download to File Back Help

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Done

Millenium Xtra Operator can select which fields are necessary to display.

To select fields which will be displayed, press **Columns** Columns button.

Millenium Xtra: Report Results - Visible Columns

Visibility	Column
<input checked="" type="checkbox"/>	#
<input checked="" type="checkbox"/>	Last Name
<input checked="" type="checkbox"/>	First Name
<input checked="" type="checkbox"/>	MI
<input checked="" type="checkbox"/>	Employee ID
<input checked="" type="checkbox"/>	Access Level 1
<input checked="" type="checkbox"/>	Access Level 2
<input checked="" type="checkbox"/>	Access Level 3
<input checked="" type="checkbox"/>	Access Level 4
<input checked="" type="checkbox"/>	Access Level 5
<input checked="" type="checkbox"/>	Access Level 6

Select column visibility using correspondent checkbox(-es).

Select All button checks all the checkboxes.

Invert Selection button inverts your selection.

Press  OK button to apply your selection.

Press  Cancel button to cancel your selection.

If the number of records for output is too much to display on one screen, Millenium Xtra Operator can set up the number of records per page using the "records per page" selector. Just type in the required decimal number. Buttons <<, <, >, >> are used for navigation from one record to another and from one page to another. Page number selector with the "Go To" button is used for quick navigation to the certain page.

Print Preview button outputs the report data in a simple printable format.

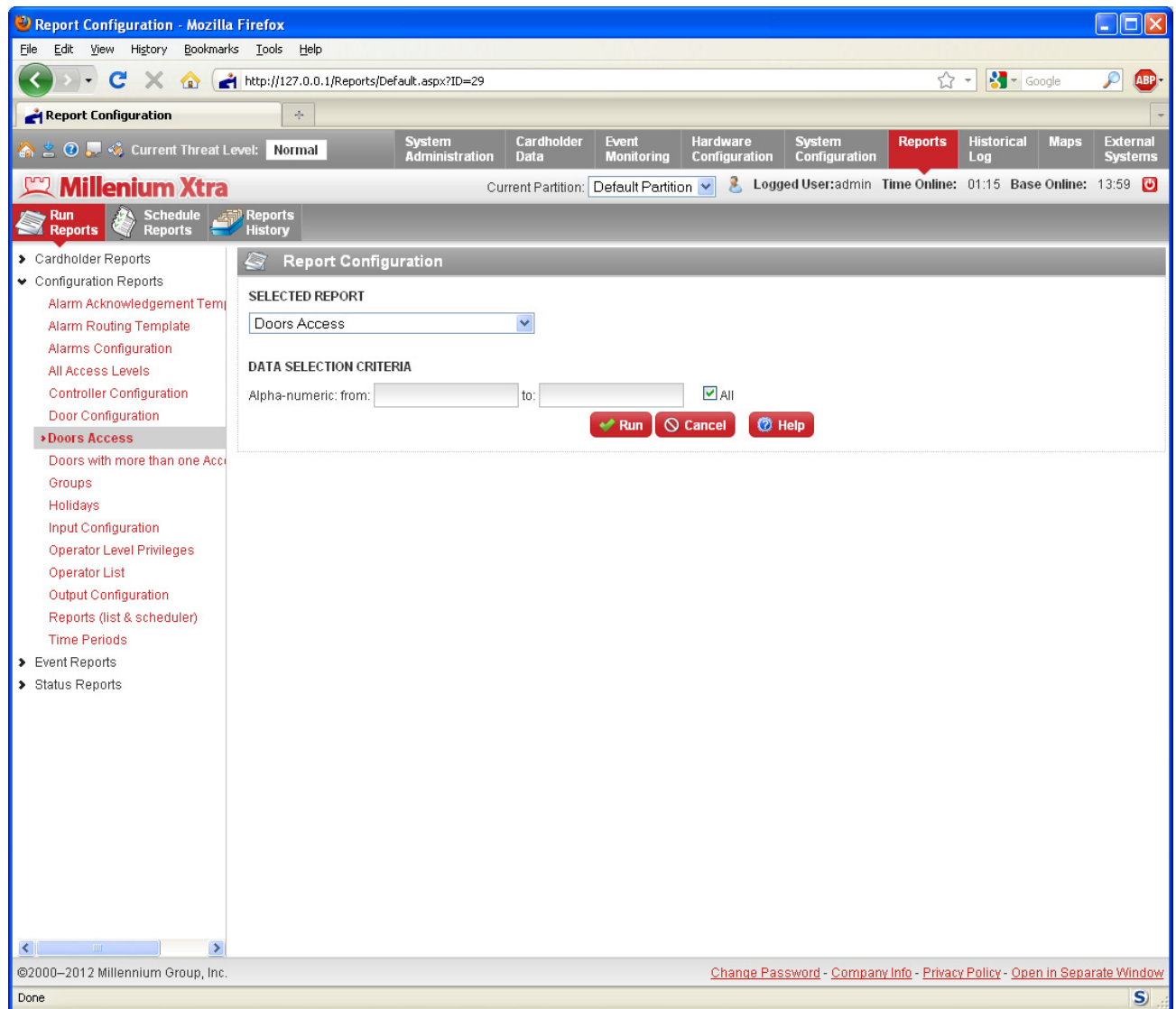
Download to File button enables to save your report locally in a file.

Supported output file formats are the following:

- Comma delimited (default)
- Tab delimited
- XML
- ADO.NET Dataset

Press  Back button to enter another **Data Selection Criteria**.

## Run Reports - Configuration Reports - Doors Access



### Doors Access Report

To obtain the **Doors Access Report**, select **Configuration Reports – Doors Access** menu item from the **Left-side Menu**.

Alternatively, you may select the required type of report using the **Selected Report** dropdown on every screen.

**Door Access Report** shows info about **who** (First Name, Last Name, Mid Name), **when** (Time Period) and **in what door** (Door Name) has the rights to pass through (according to the corresponding Access Level).

**Door Access Report** has the following **Field Set** by default:

Ascending Order, Door Name, Employee ID, First Name, Last Name, Mid Name, Access Level, Time Period.

**Door Access Report** has following **Data Selection Criteria**:

Alpha-numeric: **from:** **to:**

\*All checkbox

When **All** checkbox is checked, all records will be output.

**From:** and **To:** criteria are referred only to **Door Name** field. Must be typed exactly like this name is stored in database (i.e. From:Controller-1-Door-1 To:Controller-2-Door-1) to include boundary conditions. Criteria also may be input in a form From: A To: Y, or From: 1 To: Z, or From: Ab To: Wh etc. From: value should be "less" then To: value (in alphanumerical sense), otherwise error popup message will be displayed.

After **Data Selection Criteria** is defined, press Run button to obtain the report.

Report Results window will appear:

The screenshot shows the 'Report Results' window in Mozilla Firefox. The browser address bar shows 'http://127.0.0.1/Reports/ReportViewer.aspx'. The application interface includes a top navigation bar with tabs like 'System Administration', 'Cardholder Data', 'Event Monitoring', 'Hardware Configuration', 'System Configuration', 'Reports', 'Historical Log', 'Maps', and 'External Systems'. The 'Reports' tab is active. Below the navigation bar, there's a 'Run Reports' section with a sidebar menu on the left listing various report categories like 'Cardholder Reports', 'Configuration Reports', and 'Doors Access'. The main area displays the 'Doors Access' report. It shows the report name 'Doors Access', build date '4/12/2012 2:10:47 PM', and report parameters 'All Records'. Below this, there's a table with 7 columns: 'Door Name', 'Employee ID', 'First Name', 'Last Name', 'Mid Name', 'Access Level', and 'Time Period'. The table contains two rows of data. At the bottom of the window, there are buttons for 'Print Preview', 'Download to File', 'Back', and 'Help'.

Door Name	Employee ID	First Name	Last Name	Mid Name	Access Level	Time Period
Controller-1-Door-1	1	Frank	Alberts		Access Level 1	Always
Controller-2-Door-1	1	Frank	Alberts		Access Level 1	Always

Millenium Xtra Operator can select which fields are necessary to display.

To select fields which will be displayed, press **Columns** Columns button.

Millenium Xtra: Report Results - Visible Columns

Visibility	Column
<input checked="" type="checkbox"/>	#
<input checked="" type="checkbox"/>	Last Name
<input checked="" type="checkbox"/>	First Name
<input checked="" type="checkbox"/>	MI
<input checked="" type="checkbox"/>	Employee ID
<input checked="" type="checkbox"/>	Access Level 1
<input checked="" type="checkbox"/>	Access Level 2
<input checked="" type="checkbox"/>	Access Level 3
<input checked="" type="checkbox"/>	Access Level 4
<input checked="" type="checkbox"/>	Access Level 5
<input checked="" type="checkbox"/>	Access Level 6

Select column visibility using correspondent checkbox(-es).

Select All button checks all the checkboxes.

Invert Selection button inverts your selection.

Press  OK button to apply your selection.

Press  Cancel button to cancel your selection.

If the number of records for output is too much to display on one screen, Millenium Xtra Operator can set up the number of records per page using the "records per page" selector. Just type in the required decimal number. Buttons <<, <, >, >> are used for navigation from one record to another and from one page to another. Page number selector with the "Go To" button is used for quick navigation to the certain page.

Print Preview button outputs the report data in a simple printable format.

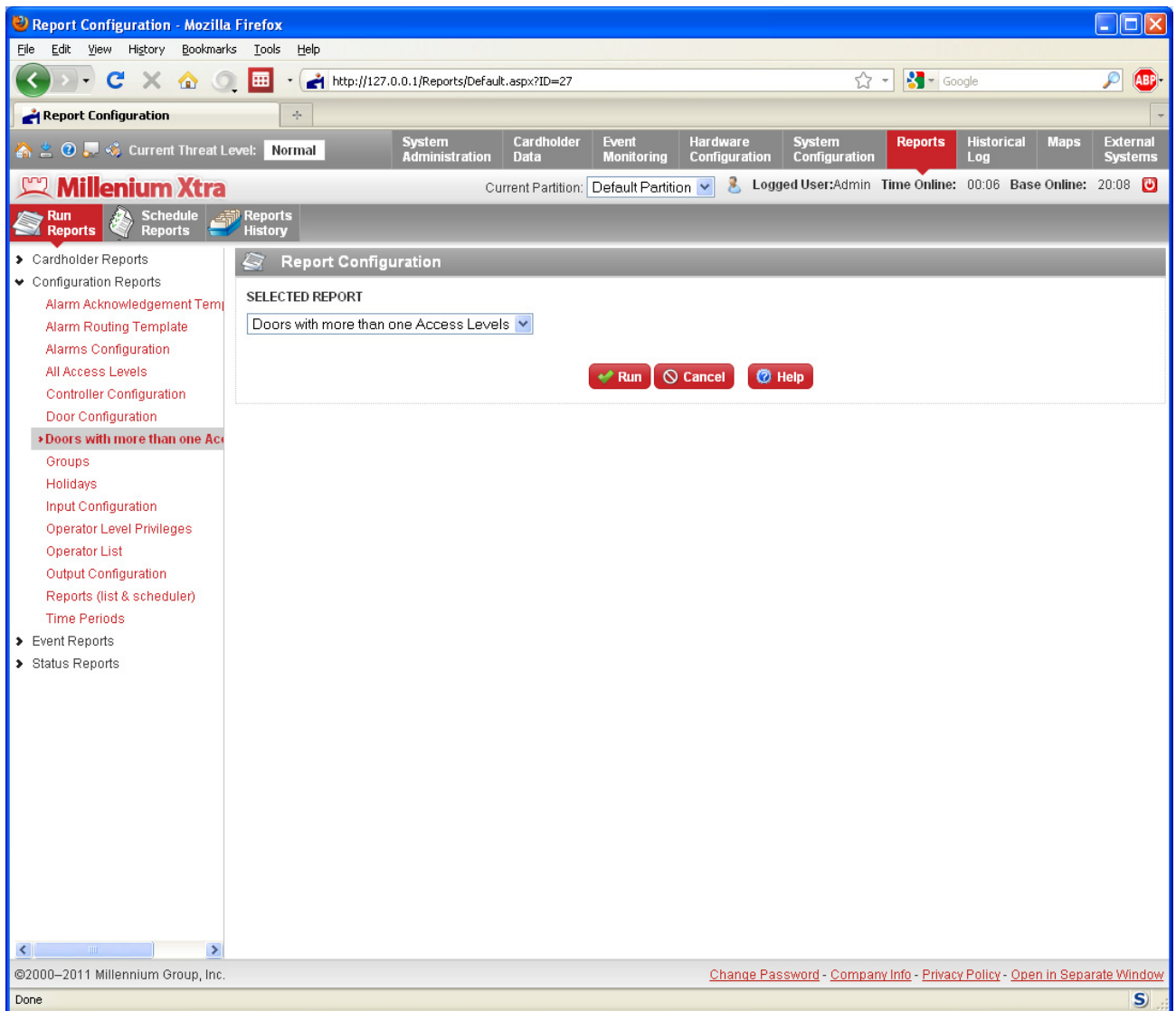
Download to File button enables to save your report locally in a file.

Supported output file formats are the following:

- Comma delimited (default)
- Tab delimited
- XML
- ADO.NET Dataset

Press  Back button to enter another **Data Selection Criteria**.

## Run Reports - Configuration Reports - Doors with more then one Access Levels



### Doors with more then one Access Levels Report

To obtain the **Doors with more then one Access Levels Report**, select **Configuration Reports - Doors with more then one Access Levels** menu item from the **Left-side Menu**.

Alternatively, you may select the required type of report using the **Selected Report** dropdown on every screen.

**Doors with more then one Access Levels Report** has the following **Field Set** by default:

#, Door Name, Access Level, Time Period.

**Door Configuration Report** has no **Data Selection Criteria**:

After pressing Run button to obtain the report, Report Results window will appear:

Report Results - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://127.0.0.1/Reports/ReportViewer.aspx

Report Results

Current Threat Level: Normal System Administration Cardholder Data Event Monitoring Hardware Configuration System Configuration Reports Historical Log Maps External Systems

Millenium Xtra Current Partition: Default Partition Logged User: Admin Time Online: 00:07 Base Online: 20:09

Run Reports Schedule Reports Reports History

Cardholder Reports

Configuration Reports

Alarm Acknowledgement Template

Alarm Routing Template

Alarms Configuration

All Access Levels

Controller Configuration

Door Configuration

Doors with more than one Access Levels

Groups

Holidays

Input Configuration

Operator Level Privileges

Operator List

Output Configuration

Reports (list & scheduler)

Time Periods

Event Reports

Status Reports

Report Results

Report Name: Doors with more than one Access Levels Build on: 4/29/2011 8:09:06 PM

Report parameters: All Records

Page 0 of 0 20 records per page, 0 records total

Print Preview Download to File Back Help

#	Door Name	Access Level	Time Period
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Millenium Xtra Operator can select which fields are necessary to display.

To select fields which will be displayed, press **Columns** Columns button.

Millenium Xtra: Report Results - Visible Columns

Visibility	Column
<input checked="" type="checkbox"/>	#
<input checked="" type="checkbox"/>	Last Name
<input checked="" type="checkbox"/>	First Name
<input checked="" type="checkbox"/>	MI
<input checked="" type="checkbox"/>	Employee ID
<input checked="" type="checkbox"/>	Access Level 1
<input checked="" type="checkbox"/>	Access Level 2
<input checked="" type="checkbox"/>	Access Level 3
<input checked="" type="checkbox"/>	Access Level 4
<input checked="" type="checkbox"/>	Access Level 5
<input checked="" type="checkbox"/>	Access Level 6

Select column visibility using correspondent checkbox(-es).

Select All button checks all the checkboxes.

Invert Selection button inverts your selection.

Press  OK button to apply your selection.

Press  Cancel button to cancel your selection.

If the number of records for output is too much to display on one screen, Millenium Xtra Operator can set up the number of records per page using the "records per page" selector. Just type in the required decimal number. Buttons <<, <, >, >> are used for navigation from one record to another and from one page to another. Page number selector with the "Go To" button is used for quick navigation to the certain page.

Print Preview button outputs the report data in a simple printable format.

Download to File button enables to save your report locally in a file.

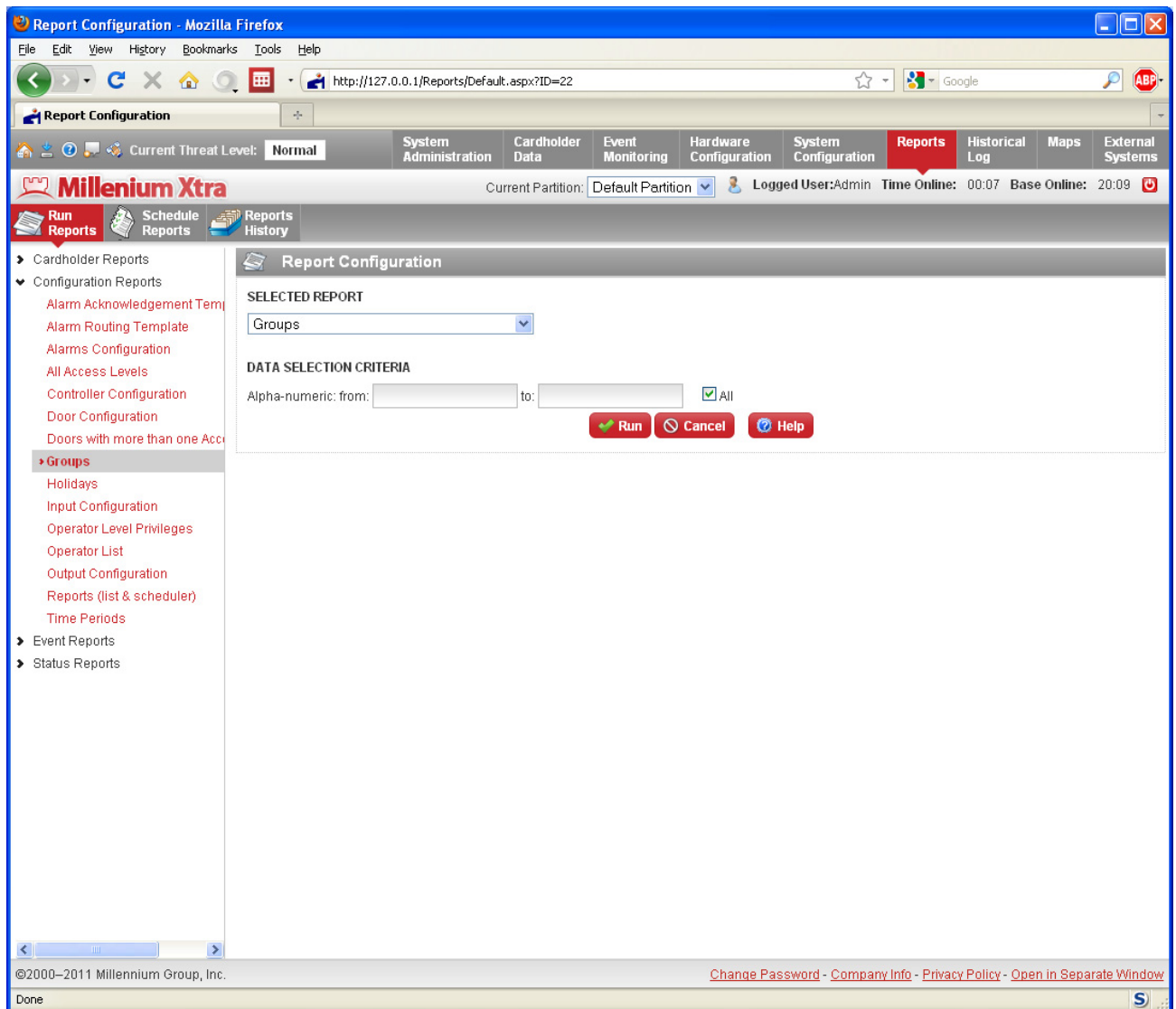
Supported output file formats are the following:

- Comma delimited (default)
- Tab delimited
- XML
- ADO.NET Dataset

Press  Back button to enter another **Data Selection Criteria**.



## Run Reports - Configuration Reports - Groups



### Groups Report

To obtain the **Groups Report**, select **Configuration Reports - Groups** menu item from the **Left-side Menu**.

Alternatively, you may select the required type of report using the **Selected Report** dropdown on every screen.

**Groups Report** has the following **Field Set** by default:

Ascending Order#, Group Name, Object Name.

**Groups Report** has following **Data Selection Criteria**:

Alpha-numeric: **from:** **to:**

\***All** checkbox

When **All** checkbox is checked, all records will be output.

From: and To: criteria are referred only to **Group Name** field. Must be typed exactly like this name is stored in database (i.e. From:Site-1 Communication To:Site-2 Communication) to include boundary conditions. Criteria also may be input in a form From: A To: Y, or From: 1 To: Z, or From: Ab To: Wh etc. From: value should be "less" then To: value (in alphanumerical sense), otherwise error popup message will be displayed.

After **Data Selection Criteria** is defined, press Run button to obtain the report.

Report Results window will appear:

Report Results - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://127.0.0.1/Reports/ReportViewer.aspx

Report Results

Current Threat Level: Normal

System Administration Cardholder Data Event Monitoring Hardware Configuration System Configuration Reports Historical Log Maps External Systems

Millenium Xtra

Current Partition: Default Partition Logged User: Admin Time Online: 00:08 Base Online: 20:10

Run Reports Schedule Reports Reports History

Cardholder Reports

Configuration Reports

Alarm Acknowledgement Template

Alarm Routing Template

Alarms Configuration

All Access Levels

Controller Configuration

Door Configuration

Doors with more than one Access Level

Groups

Holidays

Input Configuration

Operator Level Privileges

Operator List

Output Configuration

Reports (list & scheduler)

Time Periods

Event Reports

Status Reports

Report Results

Report Name: Groups Build on: 4/29/2011 8:10:15 PM

Report parameters: All Records

Page 1 of 1 20 records per page, 5 records total

#	Group Name	Object Name
1	Door Group - 1	Controller-1-Door-1
2	Door Group - 1	Controller-1-Door-2
3	Site-1 Communication	Controller-1
4	Site-1 Communication	Controller-2
5	Site-1 Communication	Controller-3

Print Preview Download to File Back Help

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Done

Millenium Xtra Operator can select which fields are necessary to display.

To select fields which will be displayed, press **Columns** Columns button.

Millenium Xtra: Report Results - Visible Columns

Visibility	Column
<input checked="" type="checkbox"/>	#
<input checked="" type="checkbox"/>	Last Name
<input checked="" type="checkbox"/>	First Name
<input checked="" type="checkbox"/>	MI
<input checked="" type="checkbox"/>	Employee ID
<input checked="" type="checkbox"/>	Access Level 1
<input checked="" type="checkbox"/>	Access Level 2
<input checked="" type="checkbox"/>	Access Level 3
<input checked="" type="checkbox"/>	Access Level 4
<input checked="" type="checkbox"/>	Access Level 5
<input checked="" type="checkbox"/>	Access Level 6

Select column visibility using correspondent checkbox(-es).

Select All button checks all the checkboxes.

Invert Selection button inverts your selection.

Press  OK button to apply your selection.

Press  Cancel button to cancel your selection.

If the number of records for output is too much to display on one screen, Millenium Xtra Operator can set up the number of records per page using the "records per page" selector. Just type in the required decimal number. Buttons <<, <, >, >> are used for navigation from one record to another and from one page to another. Page number selector with the "Go To" button is used for quick navigation to the certain page.

Print Preview button outputs the report data in a simple printable format.

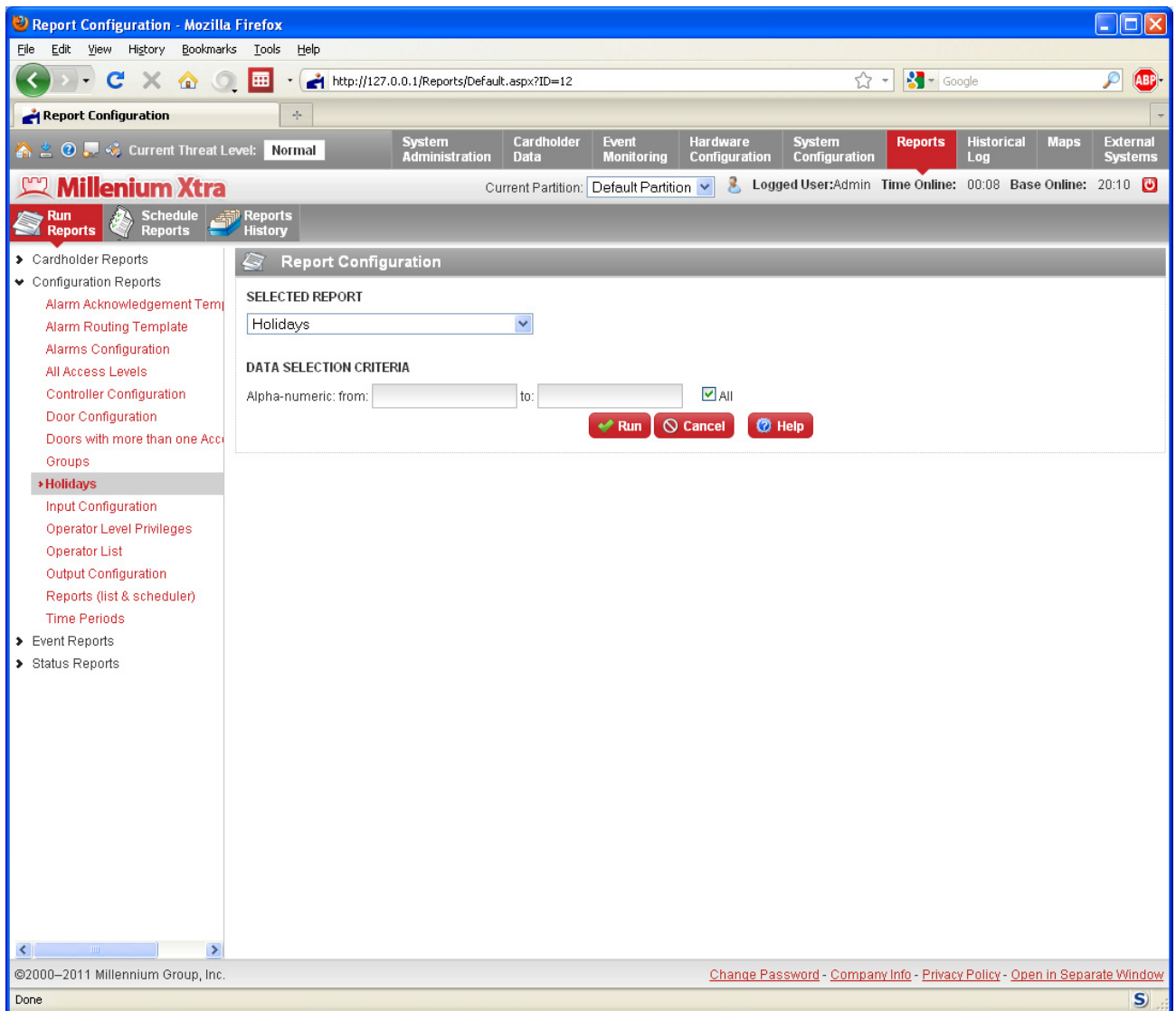
Download to File button enables to save your report locally in a file.

Supported output file formats are the following:

- Comma delimited (default)
- Tab delimited
- XML
- ADO.NET Dataset

Press  Back button to enter another **Data Selection Criteria**.

## Run Reports - Configuration Reports - Holidays



### Holidays Report

To obtain the **Holidays Report**, select **Configuration Reports - Holidays** menu item from the **Left-side Menu**.

Alternatively, you may select the required type of report using the **Selected Report** dropdown on every screen.

**Holidays Report** has the following **Field Set** by default:

#, Holiday Name, Date, Type, Occurrence, Day if Week, Month, Holiday List 1, Holiday List 2.

**Holidays Report** has following **Data Selection Criteria**:

Alpha-numeric: **from:** **to:**

\***All** checkbox

When **All** checkbox is checked, all records will be output.

**From:** and **To:** criteria are referred only to **Holiday Name** field. Must be typed exactly like this name is stored in database (i.e. From:July 4th To:Thanksgiving) to include boundary conditions. Criteria also may be input in a form From: A To: Y, or From: 1 To: Z, or From: Ab To: Wh etc. From: value should be "less" then To: value (in alphanumerical sense), otherwise error popup message will be displayed.

After **Data Selection Criteria** is defined, press Run button to obtain the report.

Report Results window will appear:

**Report Results - Mozilla Firefox**

File Edit View History Bookmarks Tools Help

http://127.0.0.1/Reports/ReportViewer.aspx

Report Results

Current Threat Level: Normal

System Administration Cardholder Data Event Monitoring Hardware Configuration System Configuration **Reports** Historical Log Maps External Systems

Millenium Xtra

Current Partition: Default Partition Logged User:Admin Time Online: 00:09 Base Online: 20:11

Run Reports Schedule Reports Reports History

Cardholder Reports

Configuration Reports

Alarm Acknowledgement Template

Alarm Routing Template

Alarms Configuration

All Access Levels

Controller Configuration

Door Configuration

Doors with more than one Account

Groups

**Holidays**

Input Configuration

Operator Level Privileges

Operator List

Output Configuration

Reports (list & scheduler)

Time Periods

Event Reports

Status Reports

**Report Results**

Report Name: **Holidays** Build on: 4/29/2011 8:11:14 PM

Report parameters: **All Records**

Page 1 of 1 20 records per page, 2 records total

<< < > >> 1 Go To Columns

#	Holiday Name	Date	Type	Occurrence	Day if Week	Month
1	July 4th	7/4/2003	Annual			
2	Thanksgiving		Relative		Thursday	November

Print Preview Download to File Back Help

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Done

Millenium Xtra Operator can select which fields are necessary to display.

To select fields which will be displayed, press **Columns** Columns button.

Millenium Xtra: Report Results - Visible Columns

Visibility	Column
<input checked="" type="checkbox"/>	#
<input checked="" type="checkbox"/>	Last Name
<input checked="" type="checkbox"/>	First Name
<input checked="" type="checkbox"/>	MI
<input checked="" type="checkbox"/>	Employee ID
<input checked="" type="checkbox"/>	Access Level 1
<input checked="" type="checkbox"/>	Access Level 2
<input checked="" type="checkbox"/>	Access Level 3
<input checked="" type="checkbox"/>	Access Level 4
<input checked="" type="checkbox"/>	Access Level 5
<input checked="" type="checkbox"/>	Access Level 6

Select column visibility using correspondent checkbox(-es).

Select All button checks all the checkboxes.

Invert Selection button inverts your selection.

Press  OK button to apply your selection.

Press  Cancel button to cancel your selection.

If the number of records for output is too much to display on one screen, Millenium Xtra Operator can set up the number of records per page using the "records per page" selector. Just type in the required decimal number. Buttons <<, <, >, >> are used for navigation from one record to another and from one page to another. Page number selector with the "Go To" button is used for quick navigation to the certain page.

Print Preview button outputs the report data in a simple printable format.

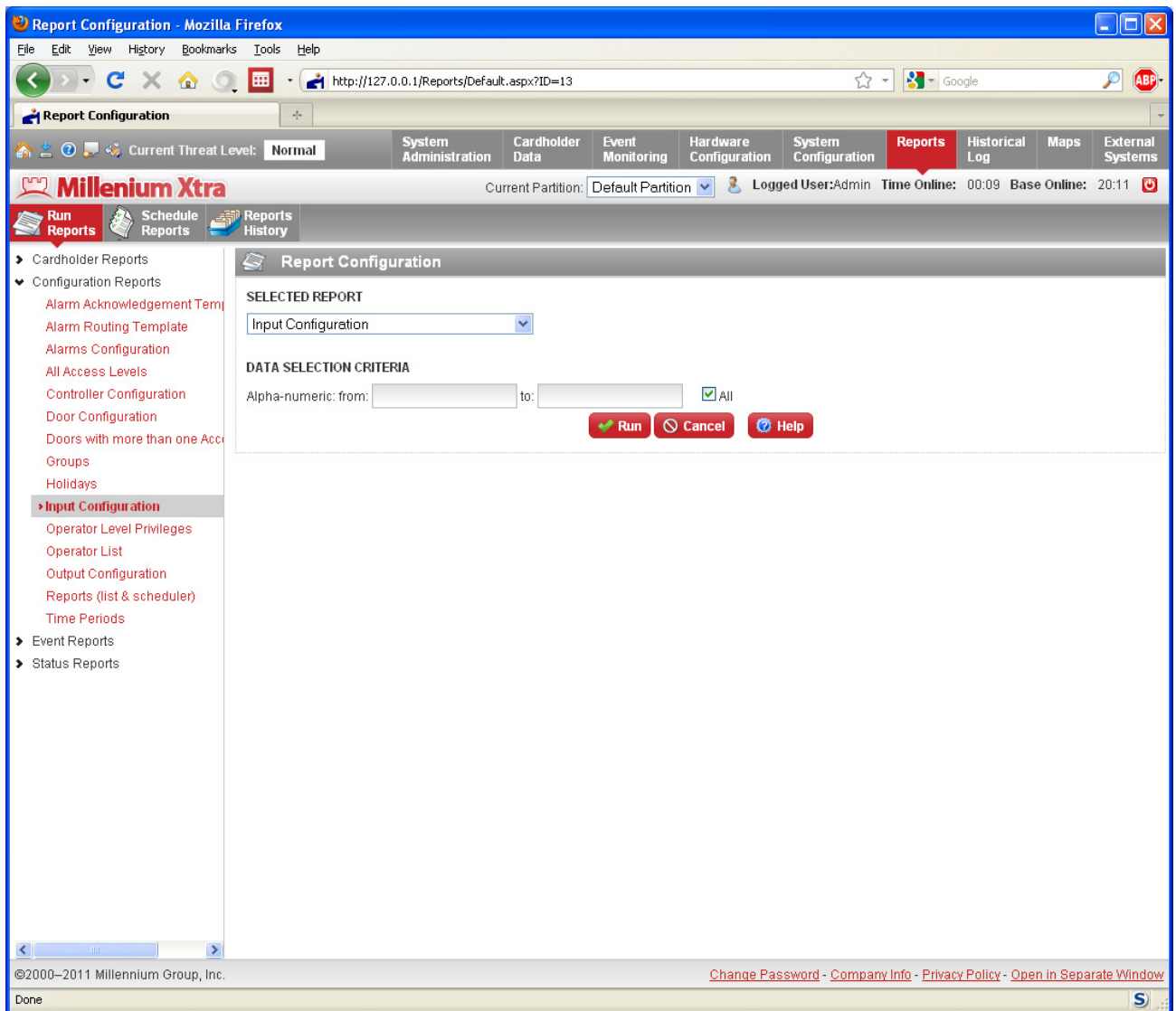
Download to File button enables to save your report locally in a file.

Supported output file formats are the following:

- Comma delimited (default)
- Tab delimited
- XML
- ADO.NET Dataset

Press  Back button to enter another **Data Selection Criteria**.

## Run Reports - Configuration Reports - Input Configuration



### Input Configuration Report

To obtain the **Input Configuration Report**, select **Configuration Reports - Input Configuration** menu item from the **Left-side Menu**.

Alternatively, you may select the required type of report using the **Selected Report** dropdown on every screen.

**Input Configuration Report** has the following **Field Set** by default:

#, Input Name, Location, On Line, Address, Controller, Norm. Open, Supervised, Latching, Entry Delay Time, 1st Active Output, 1st Fault Output.

**Input Configuration Report** has following **Data Selection Criteria**:

Alpha-numeric: **from:** **to:**

\***All** checkbox



When **All** checkbox is checked, all records will be output.

**From:** and **To:** criteria are referred only to **Input Name** field. Must be typed exactly like this name is stored in database (i.e. From:Controller-1-Inp-5 To:Controller-1-Inp-8) to include boundary conditions. Criteria also may be input in a form From: A To: Y, or From: 1 To: Z, or From: Ab To: Wh etc. From: value should be "less" than To: value (in alphanumerical sense), otherwise error popup message will be displayed.

After **Data Selection Criteria** is defined, press Run button to obtain the report.

Report Results window will appear:

The screenshot shows the 'Report Results' window in Mozilla Firefox. The browser address bar shows 'http://127.0.0.1/Reports/ReportViewer.aspx'. The application header includes 'Millenium Xtra' and 'Current Partition: Default Partition'. The 'Reports' menu is active, showing 'Run Reports', 'Schedule Reports', and 'Reports History'. The left sidebar lists various report categories, with 'Input Configuration' selected. The main content area displays the 'Report Results' for 'Input Configuration', built on 4/29/2011 8:12:25 PM. The report parameters are 'All Records'. The page shows 'Page 1 of 1' with 20 records per page, totaling 6 records. A table of results is displayed with columns: #, Input Name, Location, On Line, Address, Controller, Norm. Open, Supervised, Latching, Entry Delay Time, 1st Active Output, and 1st Fault Output. The table contains 6 rows of data for various input configurations. At the bottom, there are buttons for 'Print Preview', 'Download to File', 'Back', and 'Help'. The footer includes copyright information for Millenium Group, Inc. and links for 'Change Password', 'Company Info', 'Privacy Policy', and 'Open in Separate Window'.

#	Input Name	Location	On Line	Address	Controller	Norm. Open	Supervised	Latching	Entry Delay Time	1st Active Output	1st Fault Output
1	Controller-1-Inp-1	Location-A	<input checked="" type="checkbox"/>	1	Controller-1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3		
2	Controller-1-Inp-2	Location-A	<input checked="" type="checkbox"/>	7	Controller-1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3		
3	Controller-1-Inp-3	Location-A	<input checked="" type="checkbox"/>	2	Controller-1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3		
4	Controller-1-Inp-4	Location-A	<input checked="" type="checkbox"/>	3	Controller-1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3		
5	Controller-2-Inp-1	Location-B	<input type="checkbox"/>	1	Controller-2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3		
6	Controller-2-Inp-2	Location-B	<input type="checkbox"/>	7	Controller-2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3		

Millenium Xtra Operator can select which fields are necessary to display.

To select fields which will be displayed, press **Columns** Columns button.



Millenium Xtra: Report Results - Visible Columns

Visibility	Column
<input checked="" type="checkbox"/>	#
<input checked="" type="checkbox"/>	Last Name
<input checked="" type="checkbox"/>	First Name
<input checked="" type="checkbox"/>	MI
<input checked="" type="checkbox"/>	Employee ID
<input checked="" type="checkbox"/>	Access Level 1
<input checked="" type="checkbox"/>	Access Level 2
<input checked="" type="checkbox"/>	Access Level 3
<input checked="" type="checkbox"/>	Access Level 4
<input checked="" type="checkbox"/>	Access Level 5
<input checked="" type="checkbox"/>	Access Level 6

Select column visibility using correspondent checkbox(-es).

Select All button checks all the checkboxes.

Invert Selection button inverts your selection.

Press  OK button to apply your selection.

Press  Cancel button to cancel your selection.

If the number of records for output is too much to display on one screen, Millenium Xtra Operator can set up the number of records per page using the "records per page" selector. Just type in the required decimal number. Buttons <<, <, >, >> are used for navigation from one record to another and from one page to another. Page number selector with the "Go To" button is used for quick navigation to the certain page.

Print Preview button outputs the report data in a simple printable format.

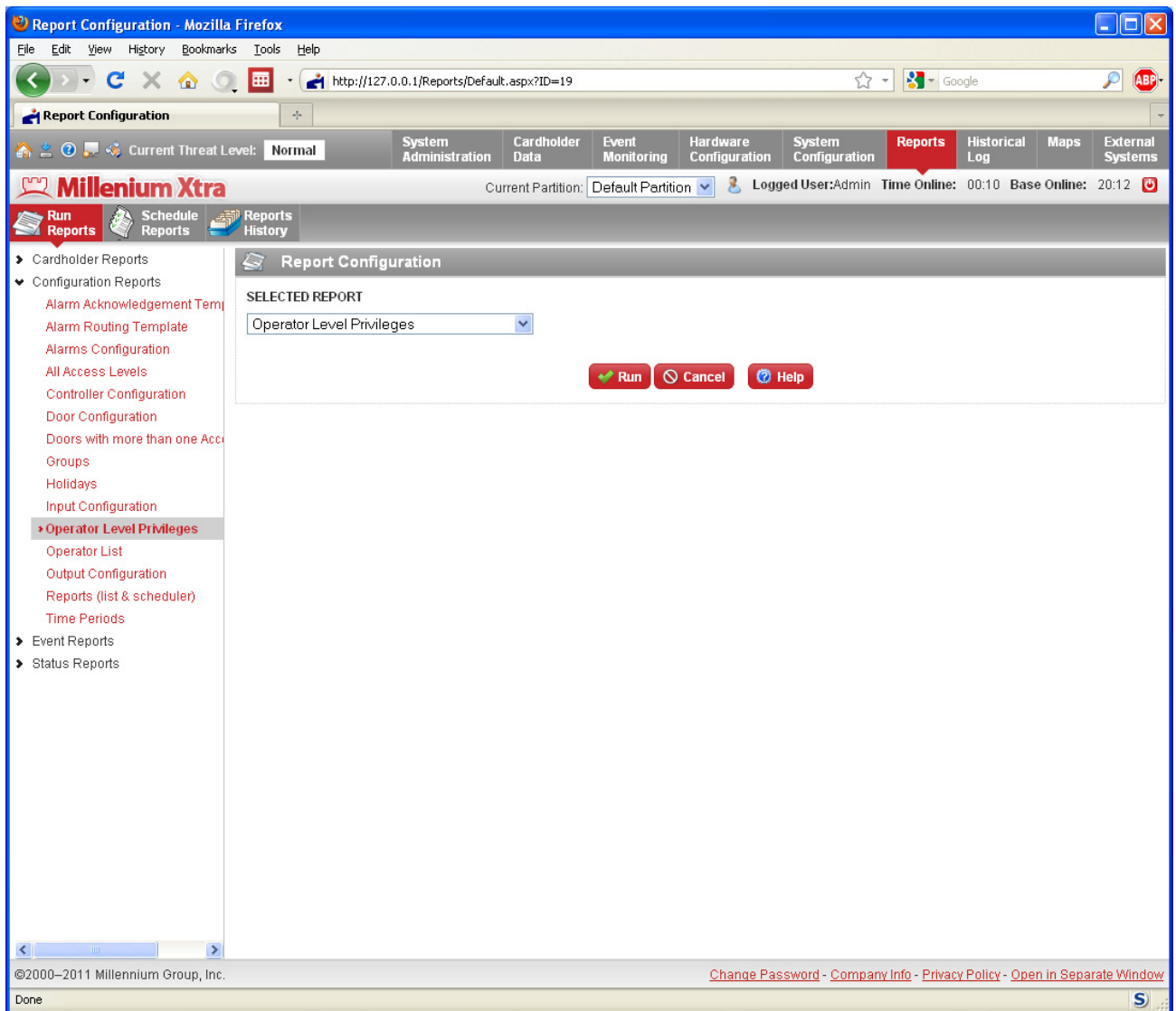
Download to File button enables to save your report locally in a file.

Supported output file formats are the following:

- Comma delimited (default)
- Tab delimited
- XML
- ADO.NET Dataset

Press  Back button to enter another **Data Selection Criteria**.

## Run Reports - Configuration Reports - Operator Level Privileges



### Operator Level Privileges Report

To obtain the **Operator Level Privileges Report**, select **Configuration Reports - Operator Level Privileges** menu item from the **Left-side Menu**.

Alternatively, you may select the required type of report using the **Selected Report** dropdown on every screen.

**Operator Level Privileges Report** has the following **Field Set** by default:

#, Privilege Name, Level 1, Level 2, Level 3, Level 4, Level 5, Level 6.

**Operator Level Privileges Report** has no **Data Selection Criteria**.

Press Run button to obtain the report. Report Results window will appear:

Report Results - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://127.0.0.1/Reports/ReportViewer.aspx

Report Results

Current Threat Level: Normal

System Administration Cardholder Data Event Monitoring Hardware Configuration System Configuration **Reports** Historical Log Maps External Systems

Millenium Xtra

Current Partition: Default Partition Logged User: Admin Time Online: 00:11 Base Online: 20:13

Run Reports Schedule Reports Reports History

Cardholder Reports

Configuration Reports

Alarm Acknowledgement Template

Alarm Routing Template

Alarms Configuration

All Access Levels

Controller Configuration

Door Configuration

Doors with more than one Access

Groups

Holidays

Input Configuration

**Operator Level Privileges**

Operator List

Output Configuration

Reports (list & scheduler)

Time Periods

Event Reports

Status Reports

Report Results

Report Name: Operator Level Privileges Build on: 4/29/2011 8:13:24 PM

Report parameters: All Records

Page 1 of 5 20 records per page, 91 records total

Go To Columns

#	Privilege Name	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
1	Edit Data						
2	Users/Privileges	Full Control	View	View	No Privileges	No Privileges	No Privileges
3	Company Information	Full Control	View	View	No Privileges	No Privileges	No Privileges
4	Customer Settings	Full Control	View	View	No Privileges	No Privileges	No Privileges
5	Partitions	Full Control	View	View	No Privileges	No Privileges	No Privileges
6	Backup Settings/Schedule	Full Control	View	View	No Privileges	No Privileges	No Privileges
7	Configuration						
8	Hardware Objects	Full Control	View	View	No Privileges	No Privileges	No Privileges
9	Alarm/Event Definition	Full Control	View	View	No Privileges	No Privileges	No Privileges
10	Event Routing Template	Full Control	View	View	No Privileges	No Privileges	No Privileges
11	Alarm Ack. Template	Full Control	View	View	No Privileges	No Privileges	No Privileges
12	Time Zones	Full Control	View	View	No Privileges	No Privileges	No Privileges
13	Holidays	Full Control	View	View	No Privileges	No Privileges	No Privileges
14	Access Levels	Full Control	View	View	No Privileges	No Privileges	No Privileges
15	Access Policies	Full Control	View	View	No Privileges	No Privileges	No Privileges
16	Groups	Full Control	View	View	No Privileges	No Privileges	No Privileges
17	Card Format Configuration	Full Control	View	View	No Privileges	No Privileges	No Privileges
18	Cardholder						
19	Cardholder User Defined fields	Full Control	View	View	No Privileges	No Privileges	No Privileges
20	Cardholder Data Records	Full Control	View	View	No Privileges	No Privileges	No Privileges

Print Preview Download to File Back Help

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Done

Millenium Xtra Operator can select which fields are necessary to display.

To select fields which will be displayed, press **Columns** Columns button.

Millenium Xtra: Report Results - Visible Columns

Visibility	Column
<input checked="" type="checkbox"/>	#
<input checked="" type="checkbox"/>	Last Name
<input checked="" type="checkbox"/>	First Name
<input checked="" type="checkbox"/>	MI
<input checked="" type="checkbox"/>	Employee ID
<input checked="" type="checkbox"/>	Access Level 1
<input checked="" type="checkbox"/>	Access Level 2
<input checked="" type="checkbox"/>	Access Level 3
<input checked="" type="checkbox"/>	Access Level 4
<input checked="" type="checkbox"/>	Access Level 5
<input checked="" type="checkbox"/>	Access Level 6

Select column visibility using correspondent checkbox(-es).

Select All button checks all the checkboxes.

Invert Selection button inverts your selection.

Press  OK button to apply your selection.

Press  Cancel button to cancel your selection.

If the number of records for output is too much to display on one screen, Millenium Xtra Operator can set up the number of records per page using the "records per page" selector. Just type in the required decimal number. Buttons <<, <, >, >> are used for navigation from one record to another and from one page to another. Page number selector with the "Go To" button is used for quick navigation to the certain page.

Print Preview button outputs the report data in a simple printable format.

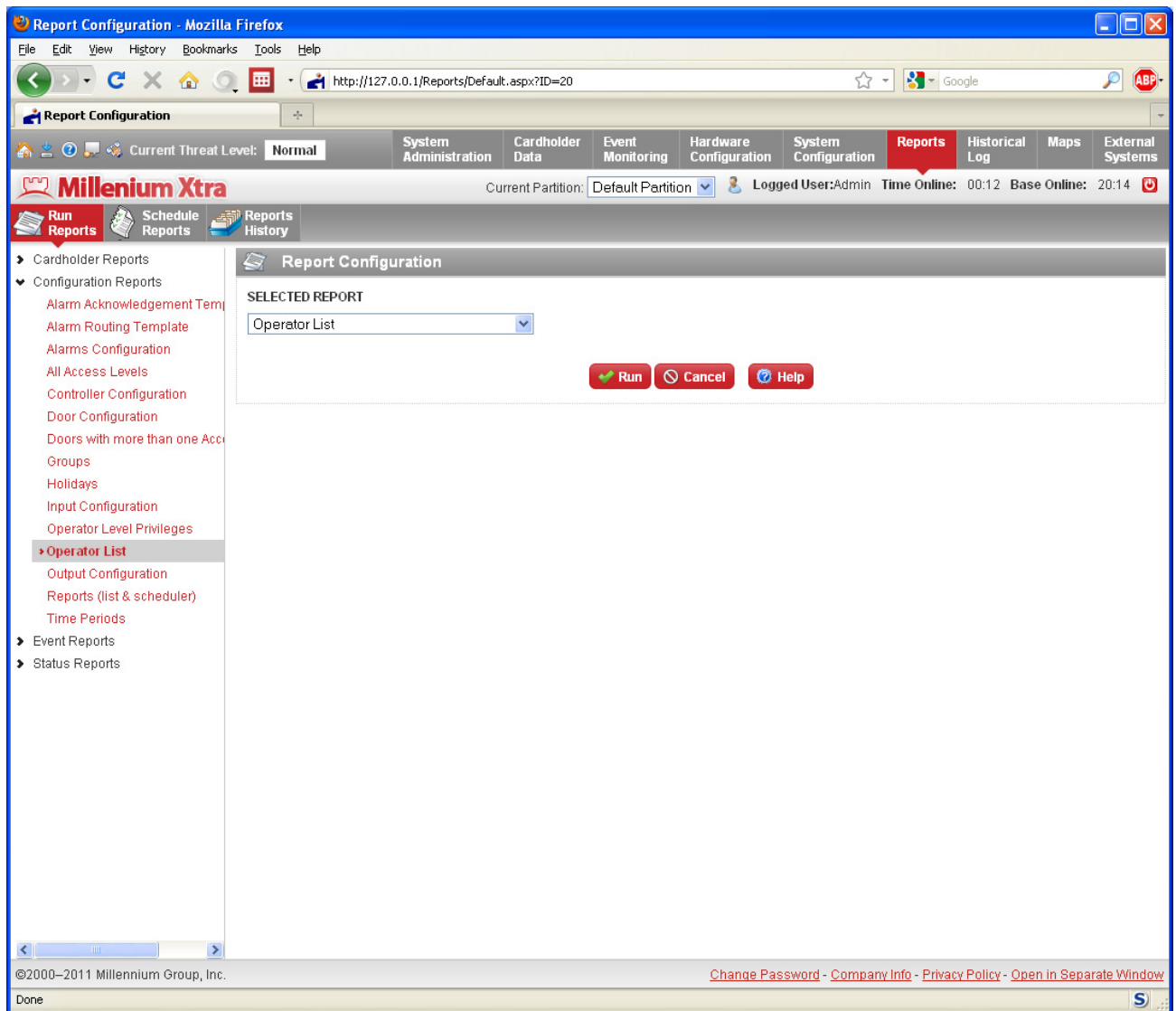
Download to File button enables to save your report locally in a file.

Supported output file formats are the following:

- Comma delimited (default)
- Tab delimited
- XML
- ADO.NET Dataset

Press  Back button to return back.

## Run Reports - Configuration Reports - Operator List



### Operator List Report

To obtain the **Operator List Report**, select **Configuration Reports - Operator List** menu item from the **Left-side Menu**.

Alternatively, you may select the required type of report using the **Selected Report** dropdown on every screen.

**Operator List Report** has the following **Field Set** by default:

#, Level Name, First Name, Last Name, MI, Login Name.

**Operator List Report** has no **Data Selection Criteria**.

Press Run button to obtain the report. Report Results window will appear:

Report Results - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://127.0.0.1/Reports/ReportViewer.aspx

Report Results

Current Threat Level: Normal System Administration Cardholder Data Event Monitoring Hardware Configuration System Configuration Reports Historical Log Maps External Systems

Millennium Xtra Current Partition: Default Partition Logged User: Admin Time Online: 00:12 Base Online: 20:14

Run Reports Schedule Reports Reports History

Cardholder Reports Configuration Reports

Alarm Acknowledgement Template Alarm Routing Template Alarms Configuration All Access Levels Controller Configuration Door Configuration Doors with more than one Access Level Groups Holidays Input Configuration Operator Level Privileges

Operator List

Output Configuration Reports (list & scheduler) Time Periods

Event Reports Status Reports

Report Results

Report Name: Operator List Build on: 4/29/2011 8:14:35 PM

Report parameters: All Records

Page 1 of 1 20 records per page, 2 records total

Go To Columns

#	Level Name	First Name	Last Name	MI	Login Name
1	Privilege Level 1	admin	admin		ADMIN
2	Privilege Level 1	admin2	admin2		ADMIN2

Print Preview Download to File Back Help

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javascript: \_\_doPostBack('ctl00\$MainContentPlaceHolder\$CancelButton','')

Millennium Xtra Operator can select which fields are necessary to display.

To select fields which will be displayed, press **Columns** Columns button.

Millenium Xtra: Report Results - Visible Columns

Visibility	Column
<input checked="" type="checkbox"/>	#
<input checked="" type="checkbox"/>	Last Name
<input checked="" type="checkbox"/>	First Name
<input checked="" type="checkbox"/>	MI
<input checked="" type="checkbox"/>	Employee ID
<input checked="" type="checkbox"/>	Access Level 1
<input checked="" type="checkbox"/>	Access Level 2
<input checked="" type="checkbox"/>	Access Level 3
<input checked="" type="checkbox"/>	Access Level 4
<input checked="" type="checkbox"/>	Access Level 5
<input checked="" type="checkbox"/>	Access Level 6

Select column visibility using correspondent checkbox(-es).

Select All button checks all the checkboxes.

Invert Selection button inverts your selection.

Press  OK button to apply your selection.

Press  Cancel button to cancel your selection.

If the number of records for output is too much to display on one screen, Millenium Xtra Operator can set up the number of records per page using the "records per page" selector. Just type in the required decimal number. Buttons <<, <, >, >> are used for navigation from one record to another and from one page to another. Page number selector with the "Go To" button is used for quick navigation to the certain page.

Print Preview button outputs the report data in a simple printable format.

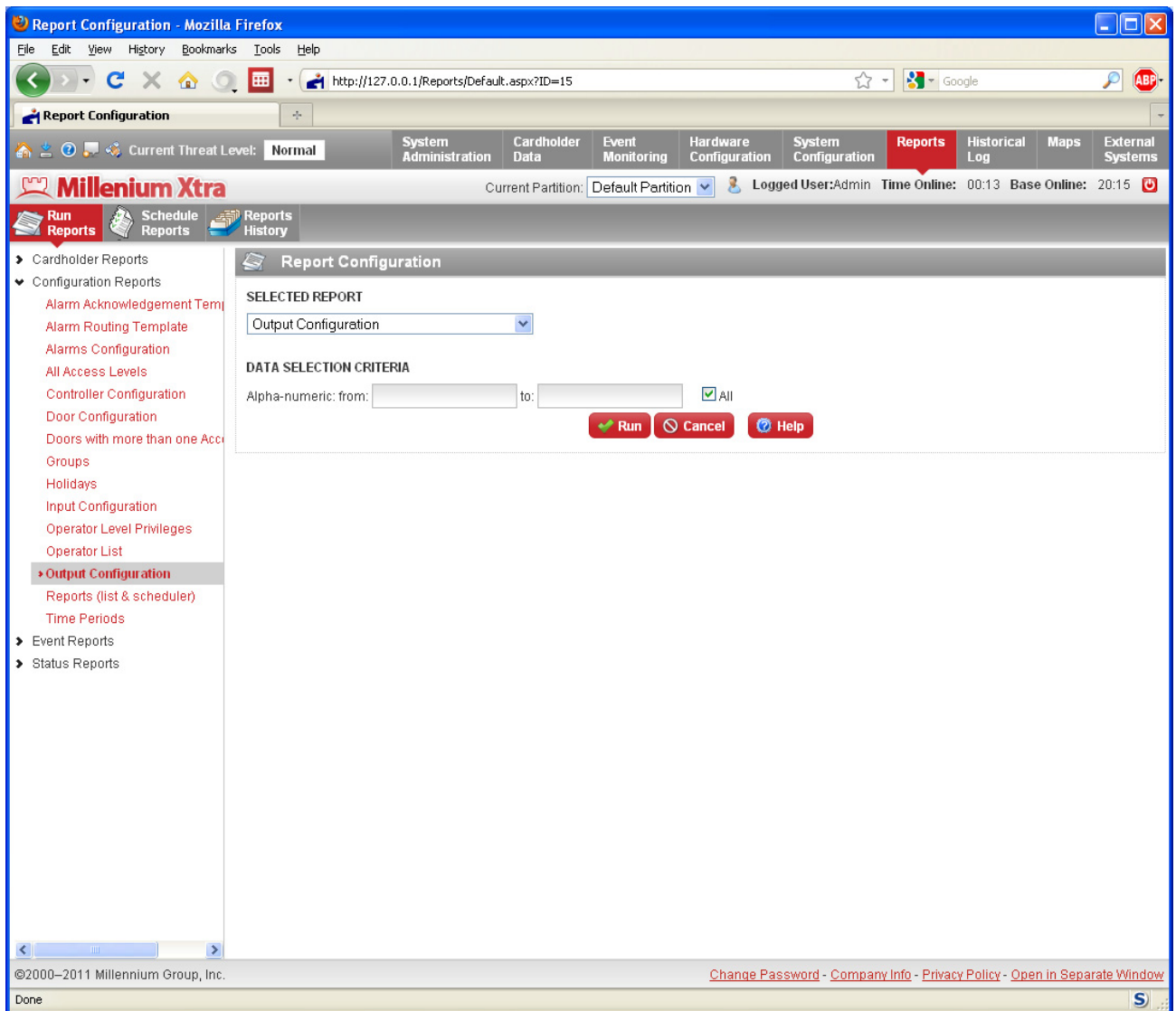
Download to File button enables to save your report locally in a file.

Supported output file formats are the following:

- Comma delimited (default)
- Tab delimited
- XML
- ADO.NET Dataset

Press  Back button to return back.

## Run Reports - Configuration Reports - Output Configuration



### Output Configuration Report

To obtain the **Output Configuration Report**, select **Configuration Reports - Output Configuration** menu item from the **Left-side Menu**.

Alternatively, you may select the required type of report using the **Selected Report** dropdown on every screen.

**Output Configuration Report** has the following **Field Set** by default:

#, Output Name, Location, On Line, Address, Controller, Fail Safe, Pulse or Repeat, Duration, Auto On TP.

**Output Configuration Report** has following **Data Selection Criteria**:

Alpha-numeric: **from:** **to:**

\***All** checkbox



When **All** checkbox is checked, all records will be output.

**From:** and **To:** criteria are referred only to **Output Name** field. Must be typed exactly like this name is stored in database (i.e. From:Controller-1-Output-3 To:Controller-1-Output-5) to include boundary conditions. Criteria also may be input in a form From: A To: Y, or From: 1 To: Z, or From: Ab To: Wh etc. From: value should be "less" then To: value (in alphanumerical sense), otherwise error popup message will be displayed.

After **Data Selection Criteria** is defined, press Run button to obtain the report.

Report Results window will appear:

**Report Results - Mozilla Firefox**

File Edit View History Bookmarks Tools Help

http://127.0.0.1/Reports/ReportViewer.aspx

Report Results

Current Threat Level: Normal

System Administration Cardholder Data Event Monitoring Hardware Configuration System Configuration **Reports** Historical Log Maps External Systems

Millenium Xtra

Current Partition: Default Partition Logged User: Admin Time Online: 00:13 Base Online: 20:15

Run Reports Schedule Reports Reports History

Cardholder Reports

Configuration Reports

Alarm Acknowledgement Template

Alarm Routing Template

Alarms Configuration

All Access Levels

Controller Configuration

Door Configuration

Doors with more than one Access Level

Groups

Holidays

Input Configuration

Operator Level Privileges

Operator List

**Output Configuration**

Reports (list & scheduler)

Time Periods

Event Reports

Status Reports

**Report Results**

Report Name: **Output Configuration** Build on: 4/29/2011 8:15:38 PM

Report parameters: **All Records**

Page 1 of 1 20 records per page, 2 records total

Go To Columns

#	Output Name	Location	On Line	Address	Controller	Fail Safe	Pulse or Repeat	Duration	Auto On TP
1	Controller-1-RCD-1 Supervisor Relay	Location-A	<input checked="" type="checkbox"/>	0	Controller-1	<input type="checkbox"/>	Continuous		
2	Controller-2-RCD-1 Supervisor Relay	Location-B	<input type="checkbox"/>	0	Controller-2	<input type="checkbox"/>	Continuous		

Print Preview Download to File Back Help

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Done

Millenium Xtra Operator can select which fields are necessary to display.

To select fields which will be displayed, press **Columns** Columns button.

Millenium Xtra: Report Results - Visible Columns

Visibility	Column
<input checked="" type="checkbox"/>	#
<input checked="" type="checkbox"/>	Last Name
<input checked="" type="checkbox"/>	First Name
<input checked="" type="checkbox"/>	MI
<input checked="" type="checkbox"/>	Employee ID
<input checked="" type="checkbox"/>	Access Level 1
<input checked="" type="checkbox"/>	Access Level 2
<input checked="" type="checkbox"/>	Access Level 3
<input checked="" type="checkbox"/>	Access Level 4
<input checked="" type="checkbox"/>	Access Level 5
<input checked="" type="checkbox"/>	Access Level 6

Select column visibility using correspondent checkbox(-es).

Select All button checks all the checkboxes.

Invert Selection button inverts your selection.

Press  OK button to apply your selection.

Press  Cancel button to cancel your selection.

If the number of records for output is too much to display on one screen, Millenium Xtra Operator can set up the number of records per page using the "records per page" selector. Just type in the required decimal number. Buttons <<, <, >, >> are used for navigation from one record to another and from one page to another. Page number selector with the "Go To" button is used for quick navigation to the certain page.

Print Preview button outputs the report data in a simple printable format.

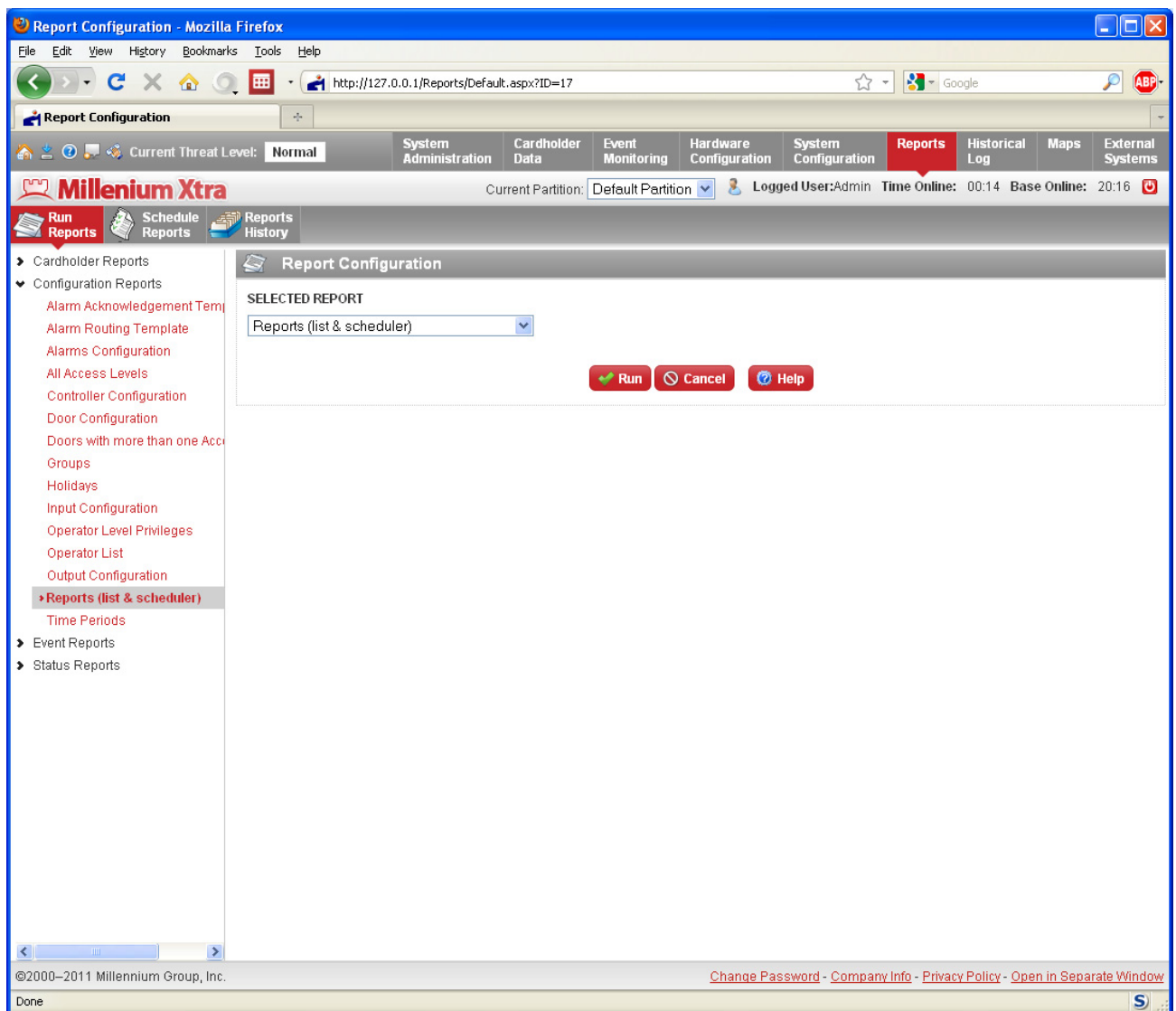
Download to File button enables to save your report locally in a file.

Supported output file formats are the following:

- Comma delimited (default)
- Tab delimited
- XML
- ADO.NET Dataset

Press  Back button to enter another **Data Selection Criteria**.

## Run Reports - Configuration Reports - Reports (list & scheduler)



### Reports (list & scheduler) Report

To obtain the **Reports (list & scheduler) Report**, select **Configuration Reports - Reports (list & scheduler)** menu item from the **Left-side Menu**.

Alternatively, you may select the required type of report using the **Selected Report** dropdown on every screen.

**Reports (list & scheduler) Report** has the following **Field Set** by default:

#, Report Name, Scheduled.

**Reports (list & scheduler) Report** has following **Data Selection Criteria**:

Alpha-numeric: **from:** **to:**

\***All** checkbox

When **All** checkbox is checked, all records will be output.

**From:** and **To:** criteria are referred only to **Report Name** field. Must be typed exactly like this name is stored in database (i.e. From:Alarm Acknowledgement Template To:Elevator Status) to include boundary conditions. Criteria also may be input in a form From: A To: Y, or From: 1 To: Z, or From: Ab To: Wh etc. From: value should be "less" then To: value (in alphanumerical sense), otherwise error popup message will be displayed.

After **Data Selection Criteria** is defined, press Run button to obtain the report.

Report Results window will appear:

The screenshot shows the 'Report Results' window in Mozilla Firefox. The browser address bar shows 'http://127.0.0.1/Reports/ReportViewer.aspx'. The page title is 'Report Results - Mozilla Firefox'. The page content includes a navigation menu on the left with categories like 'Cardholder Reports', 'Configuration Reports', 'Event Reports', and 'Status Reports'. The 'Reports (list & scheduler)' report is selected. The main content area shows the report details, including the report name, build date, and a list of reports with columns for Report Name and Scheduled. The 'Columns' button is visible at the bottom right.

#	Report Name	Scheduled
1	Alarm Acknowledgement Template	<input type="checkbox"/>
2	Alarm History	<input type="checkbox"/>
3	Alarm Routing Template	<input type="checkbox"/>
4	Alarms Configuration	<input type="checkbox"/>
5	All Access Levels	<input type="checkbox"/>
6	Card History	<input type="checkbox"/>
7	Cardholder	<input type="checkbox"/>
8	Cardholder Access	<input type="checkbox"/>
9	Cards with overlapped Access Levels	<input type="checkbox"/>
10	CardView History	<input type="checkbox"/>
11	Controller Configuration	<input type="checkbox"/>
12	Door Configuration	<input type="checkbox"/>
13	Door Status	<input type="checkbox"/>
14	Doors with more than one Access Levels	<input type="checkbox"/>
15	Elevator Configuration	<input type="checkbox"/>
16	Elevator Status	<input type="checkbox"/>
17	Event Report	<input type="checkbox"/>
18	Groups	<input type="checkbox"/>

Millenium Xtra Operator can select which fields are necessary to display.

To select fields which will be displayed, press **Columns** Columns button.

Millenium Xtra: Report Results - Visible Columns

Visibility	Column
<input checked="" type="checkbox"/>	#
<input checked="" type="checkbox"/>	Last Name
<input checked="" type="checkbox"/>	First Name
<input checked="" type="checkbox"/>	MI
<input checked="" type="checkbox"/>	Employee ID
<input checked="" type="checkbox"/>	Access Level 1
<input checked="" type="checkbox"/>	Access Level 2
<input checked="" type="checkbox"/>	Access Level 3
<input checked="" type="checkbox"/>	Access Level 4
<input checked="" type="checkbox"/>	Access Level 5
<input checked="" type="checkbox"/>	Access Level 6

Select column visibility using correspondent checkbox(-es).

Select All button checks all the checkboxes.

Invert Selection button inverts your selection.

Press  OK button to apply your selection.

Press  Cancel button to cancel your selection.

If the number of records for output is too much to display on one screen, Millenium Xtra Operator can set up the number of records per page using the "records per page" selector. Just type in the required decimal number. Buttons <<, <, >, >> are used for navigation from one record to another and from one page to another. Page number selector with the "Go To" button is used for quick navigation to the certain page.

Print Preview button outputs the report data in a simple printable format.

Download to File button enables to save your report locally in a file.

Supported output file formats are the following:

- Comma delimited (default)
- Tab delimited
- XML
- ADO.NET Dataset

Press  Back button to enter another **Data Selection Criteria**.

## Run Reports - Configuration Reports - Time Periods

The screenshot shows the 'Report Configuration' page in the Millenium Xtra application. The browser window is titled 'Report Configuration - Mozilla Firefox' and the address bar shows 'http://127.0.0.1/Reports/Default.aspx?ID=18'. The application interface includes a top navigation bar with tabs for 'System Administration', 'Cardholder Data', 'Event Monitoring', 'Hardware Configuration', 'System Configuration', 'Reports' (selected), 'Historical Log', 'Maps', and 'External Systems'. Below this is a 'Current Threat Level: Normal' indicator and a 'Current Partition: Default Partition' dropdown. The left sidebar contains a tree view with 'Run Reports' selected, and 'Configuration Reports' expanded, showing 'Time Periods' as the active report. The main content area is titled 'Report Configuration' and contains a 'SELECTED REPORT' dropdown set to 'Time Periods'. Below this is the 'DATA SELECTION CRITERIA' section, which includes 'Alpha-numeric: from:' and 'to:' input fields, and an 'All' checkbox. At the bottom of this section are 'Run', 'Cancel', and 'Help' buttons. The footer of the application shows '©2000–2011 Millenium Group, Inc.' and links for 'Change Password', 'Company Info', 'Privacy Policy', and 'Open in Separate Window'.

### Time Periods Report

To obtain the **Time Periods Report**, select **Configuration Reports - Time Periods** menu item from the **Left-side Menu**.

Alternatively, you may select the required type of report using the **Selected Report** dropdown on every screen.

**Time Periods Report** has the following **Field Set** by default:

#, Time Period Name, Active, Holiday List 1, Holiday List 2, From Time, To Time, Days.

**Time Periods Report** has following **Data Selection Criteria**:

Alpha-numeric: **from:** **to:**

\***All** checkbox

When **All** checkbox is checked, all records will be output.

**From:** and **To:** criteria are referred only to **Time Period Name** field. Must be typed exactly like this name is stored in database (i.e. From:Always To:Always) to include boundary conditions. Criteria also may be input in a form From: A To: Y, or From: 1 To: Z, or From: Ab To: Wh etc. From: value should be "less" than To: value (in alphanumerical sense), otherwise error popup message will be displayed.

After **Data Selection Criteria** is defined, press Run button to obtain the report.

Report Results window will appear:

**Report Results - Mozilla Firefox**

File Edit View History Bookmarks Tools Help

http://127.0.0.1/Reports/ReportViewer.aspx

Report Results

Current Threat Level: **Normal**

System Administration Cardholder Data Event Monitoring Hardware Configuration System Configuration **Reports** Historical Log Maps External Systems

Millenium Xtra

Current Partition: Default Partition Logged User: Admin Time Online: 00:03 Base Online: 21:29

Run Reports Schedule Reports Reports History

Cardholder Reports

Configuration Reports

- Alarm Acknowledgement Template
- Alarm Routing Template
- Alarms Configuration
- All Access Levels
- Controller Configuration
- Door Configuration
- Doors with more than one Access Level
- Groups
- Holidays
- Input Configuration
- Operator Level Privileges
- Operator List
- Output Configuration
- Reports (list & scheduler)
- Time Periods**

Event Reports

Status Reports

**Report Results**

Report Name: **Time Periods** Build on: 4/29/2011 9:29:18 PM

Report parameters: **All Records**

Page 1 of 1 20 records per page, 2 records total

<< < > >> 1 Go To Columns

#	Time Period Name	Active	Holiday List	From Time	To Time	Days
1	Always	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	12:00:00 AM	11:59:59 PM	All Day
2	8-5pm Mon-Fri	<input checked="" type="checkbox"/>	<input type="checkbox"/>	8:00:00 AM	5:30:00 PM	Monday-Friday

Print Preview Download to File Back Help

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Done

Millenium Xtra Operator can select which fields are necessary to display.

To select fields which will be displayed, press **Columns** Columns button.

Millenium Xtra: Report Results - Visible Columns

Visibility	Column
<input checked="" type="checkbox"/>	#
<input checked="" type="checkbox"/>	Last Name
<input checked="" type="checkbox"/>	First Name
<input checked="" type="checkbox"/>	MI
<input checked="" type="checkbox"/>	Employee ID
<input checked="" type="checkbox"/>	Access Level 1
<input checked="" type="checkbox"/>	Access Level 2
<input checked="" type="checkbox"/>	Access Level 3
<input checked="" type="checkbox"/>	Access Level 4
<input checked="" type="checkbox"/>	Access Level 5
<input checked="" type="checkbox"/>	Access Level 6

Select column visibility using correspondent checkbox(-es).

Select All button checks all the checkboxes.

Invert Selection button inverts your selection.

Press  OK button to apply your selection.

Press  Cancel button to cancel your selection.

If the number of records for output is too much to display on one screen, Millenium Xtra Operator can set up the number of records per page using the "records per page" selector. Just type in the required decimal number. Buttons <<, <, >, >> are used for navigation from one record to another and from one page to another. Page number selector with the "Go To" button is used for quick navigation to the certain page.

Print Preview button outputs the report data in a simple printable format.

Download to File button enables to save your report locally in a file.

Supported output file formats are the following:

- Comma delimited (default)
- Tab delimited
- XML
- ADO.NET Dataset

Press  Back button to enter another **Data Selection Criteria**.



## Event Reports

### Run Reports - Event Reports - Alarm History

### Alarm History Report

To obtain the **Alarm History Report**, select **Event Reports - Alarm History** menu item from the **Left-side Menu**.

Alternatively, you may select the required type of report using the **Selected Report** dropdown on every screen.

**Alarm History Report** has the following **Field Set** by default:

#, Date/Time, Category, Alarm Name, Alarm Priority, Status, Condition, Acknowledge Comment.

**Alarm History Report** has following **Data Selection Criteria**:

Date Range: **from:** **to:** (one day preceding to current by default)

**Category** drop-down (All, System, Controller, Door, Reader, Input, Output, Elevator, Cardholder, Operator)

**Category** drop-down has "All" value by default. It means that all the above mentioned categories will be processed.

**Text filter** (log data including) field. It is referred only to **Status** field.

If **Text filter** field is blank - all records will be chosen;

If **Text filter** field has wild card '\*' symbol(-s) - wild card criteria will be applied;

If **Text filter** field has one or more space ' ' symbol(-s) - logical 'OR' will be applied to all parts of string, divided by spaces.

Date Range: **From:** and **To:** criteria is referred only to Date/Time field. This is mandatory criteria. If "From:" or "To:" will be empty, popup error message "Date range from is empty." or "Date range to is empty." will appear.

"To:" value could not be earlier then "From:" value, otherwise error popup message "Date from greater than date to." will appear.

After **Data Selection Criteria** is defined, press Run button to obtain the report.

Report Results window will appear:

Report Results - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://127.0.0.1/Reports/ReportViewer.aspx

Report Results

Current Threat Level: Normal

System Administration Cardholder Data Event Monitoring Hardware Configuration System Configuration Reports Historical Log Maps External Systems

Millenium Xtra

Current Partition: Default Partition Logged User: Admin Time Online: 00:04 Base Online: 21:30

Run Reports Schedule Reports Reports History

Cardholder Reports

Configuration Reports

Event Reports

Alarm History

Card History

Event Report

Status Reports

Report Results

Report Name: Alarm History Build on: 4/29/2011 9:30:31 PM

Report parameters: From: 04/29/2011 12:00:00 AM to: 04/30/2011 11:59:59 PM

Page 0 of 0 20 records per page, 0 records total

<< < > >> 0 Go To Columns

#	Date/Time	Category	Alarm Name	Alarm Priority	Status	Condition	Acknowledge	Comment
---	-----------	----------	------------	----------------	--------	-----------	-------------	---------

Print Preview Download to File Back Help

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Done

Millenium Xtra Operator can select which fields are necessary to display.

To select fields which will be displayed, press **Columns** Columns button.

Millenium Xtra: Report Results - Visible Columns

Visibility	Column
<input checked="" type="checkbox"/>	#
<input checked="" type="checkbox"/>	Last Name
<input checked="" type="checkbox"/>	First Name
<input checked="" type="checkbox"/>	MI
<input checked="" type="checkbox"/>	Employee ID
<input checked="" type="checkbox"/>	Access Level 1
<input checked="" type="checkbox"/>	Access Level 2
<input checked="" type="checkbox"/>	Access Level 3
<input checked="" type="checkbox"/>	Access Level 4
<input checked="" type="checkbox"/>	Access Level 5
<input checked="" type="checkbox"/>	Access Level 6

Select column visibility using correspondent checkbox(-es).

**Select All** Select All button checks all the checkboxes.

**Invert Selection** Invert Selection button inverts your selection.

Press **OK** OK button to apply your selection.

Press **Cancel** Cancel button to cancel your selection.

If the number of records for output is too much to display on one screen, Millenium Xtra Operator can set up the number of records per page using the "records per page" selector. Just type in the required decimal number. Buttons <<, <, >, >> are used for navigation from one record to another and from one page to another. Page number selector with the "Go To" button is used for quick navigation to the certain page.

Print Preview button outputs the report data in a simple printable format.

Download to File button enables to save your report locally in a file.

Supported output file formats are the following:

- Comma delimited (default)
- Tab delimited
- XML
- ADO.NET Dataset

Press **Back** Back button to enter another **Data Selection Criteria**.

## Run Reports - Event Reports - Card History

Report Configuration - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://127.0.0.1/Reports/Default.aspx?ID=3

Report Configuration

Current Threat Level: Normal

System Administration Cardholder Data Event Monitoring Hardware Configuration System Configuration Reports Historical Log Maps External Systems

Millenium Xtra

Current Partition: Default Partition Logged User: Admin Time Online: 00:04 Base Online: 21:31

Run Reports Schedule Reports Reports History

Cardholder Reports

Configuration Reports

Event Reports

Alarm History

Card History

Event Report

Status Reports

Report Configuration

SELECTED REPORT

Card History

DATA SELECTION CRITERIA

Date Range: from 04/29/2011 12:00:00 AM to 04/30/2011 11:59:59 PM

Employee ID#: from to

Last Names: from to

or

All

Run Cancel Help

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Change Password - Company Info - Privacy Policy - Open in Separate Window

Done

### Card History Report

To obtain the **Card History Report**, select **Event Reports - Card History** menu item from the **Left-side Menu**.

Alternatively, you may select the required type of report using the **Selected Report** dropdown on every screen.

**Card History Report** has the following **Field Set** by default:

#, Date/Time, Last Name, First Name, MI, Employee ID, Event, Location.

**Card History Report** has following **Data Selection Criteria**:

Date Range: **from:** **to:** (one day preceding to current by default)

a) **Employee ID#:** from: to: (none defined by default) or

b) **Last Names:** from: to: (none defined by default)

**\*All checkbox**

When **All** checkbox is checked, all records will be output.

Criteria "Employee ID#" and "Last Names" may be defined using OR function. It means that only one of these two conditions or any combination of them can be input by Millenium Xtra Operator. Employee ID# is referred only to the Employee ID# field. Last Names is referred only to the Last Name field.

From: and To: Must be typed exactly like this name is stored in database (i.e. From: Atkinson To: Zimmerman) to include boundary conditions. Criteria also may be input in a form From: A To: Y, or From: 1 To: Z, or From: Ab To: Wh etc. From: value should be "less" than To: value (in alphanumerical sense), otherwise error popup message will be displayed.

Date Range: From: and To: criteria is referred only to Date field. This is mandatory criteria. If "From:" or "To:" will be empty, popup error message "Date range from is empty." or "Date range to is empty." will appear.

"To:" value could not be earlier then "From:" value, otherwise error popup message "Date from greater than date to." will appear.

After **Data Selection Criteria** is defined, press Run button to obtain the report.

Report Results window will appear:

Report Results - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://127.0.0.1/Reports/ReportViewer.aspx

Report Results

Current Threat Level: Normal

System Administration Cardholder Data Event Monitoring Hardware Configuration System Configuration Reports Historical Log Maps External Systems

Millennium Xtra

Current Partition: Default Partition Logged User: Admin Time Online: 00:05 Base Online: 21:31

Run Reports Schedule Reports Reports History

Cardholder Reports

Configuration Reports

Event Reports

Alarm History

Card History

Event Report

Status Reports

Report Results

Report Name: Card History Build on: 4/29/2011

Report parameters: From: 04/29/2011 12:00:00 AM to: 04/30/2011 11:59:59 PM

Page 1 of 1 20 records per page, 12 records total

#	Date/Time	Last Name	First Name	MI	Employee ID	Event	Location	Encoded Card Number
1	4/29/2011 3:46:35 PM	Alberts	Frank		1	Admitted	Controller-1-Door-1	1
2	4/29/2011 3:46:40 PM	Alberts	Frank		1	Denied access, it is not proper time period	Controller-1-Door-1	1
3	4/29/2011 3:46:59 PM	Daniels	Charles		2	Denied access, it is not proper time period	Controller-1-Door-2	2
4	4/29/2011 3:47:19 PM	Alberts	Frank		1	Denied access, it is not proper time period	Controller-1-Door-1	1
5	4/29/2011 3:47:32 PM	Daniels	Charles		2	Denied access, it is not proper time period	Controller-1-Door-1	2
6	4/29/2011 3:47:34 PM	Daniels	Charles		2	Admitted	Controller-1-Door-1	2
7	4/29/2011 3:47:47 PM	Alberts	Frank		1	Denied access, it is not proper time period	Controller-1-Door-1	1
8	4/29/2011 3:47:49 PM	Alberts	Frank		1	Denied access, it is not proper time period	Controller-1-Door-1	1
9	4/29/2011 3:48:04 PM	Daniels	Charles		2	Denied access, it is not proper time period	Controller-1-Door-1	2
10	4/29/2011 3:48:09 PM	Daniels	Charles		2	Admitted	Controller-1-Door-1	2
11	4/29/2011 3:48:12 PM	Alberts	Frank		1	Admitted	Controller-1-Door-1	1
12	4/29/2011 3:48:16 PM	Alberts	Frank		1	Admitted	Controller-2-Door-1	1

Print Preview Download to File Back Help

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Done

Millennium Xtra Operator can select which fields are necessary to display.

To select fields which will be displayed, press **Columns** Columns button.

Millenium Xtra: Report Results - Visible Columns

Visibility	Column
<input checked="" type="checkbox"/>	#
<input checked="" type="checkbox"/>	Last Name
<input checked="" type="checkbox"/>	First Name
<input checked="" type="checkbox"/>	MI
<input checked="" type="checkbox"/>	Employee ID
<input checked="" type="checkbox"/>	Access Level 1
<input checked="" type="checkbox"/>	Access Level 2
<input checked="" type="checkbox"/>	Access Level 3
<input checked="" type="checkbox"/>	Access Level 4
<input checked="" type="checkbox"/>	Access Level 5
<input checked="" type="checkbox"/>	Access Level 6

Select column visibility using correspondent checkbox(-es).

Select All button checks all the checkboxes.

Invert Selection button inverts your selection.

Press  OK button to apply your selection.

Press  Cancel button to cancel your selection.

If the number of records for output is too much to display on one screen, Millenium Xtra Operator can set up the number of records per page using the "records per page" selector. Just type in the required decimal number. Buttons <<, <, >, >> are used for navigation from one record to another and from one page to another. Page number selector with the "Go To" button is used for quick navigation to the certain page.

Print Preview button outputs the report data in a simple printable format.

Download to File button enables to save your report locally in a file.

Supported output file formats are the following:

- Comma delimited (default)
- Tab delimited
- XML
- ADO.NET Dataset

Press  Back button to enter another **Data Selection Criteria**.

## Run Reports - Event Reports - Event Report

Report Configuration - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://127.0.0.1/Reports/Default.aspx?ID=11

Report Configuration

Current Threat Level: Normal

System Administration Cardholder Data Event Monitoring Hardware Configuration System Configuration Reports Historical Log Maps External Systems

Millenium Xtra

Current Partition: Default Partition Logged User: Admin Time Online: 00:05 Base Online: 21:32

Run Reports Schedule Reports Reports History

Cardholder Reports

Configuration Reports

Event Reports

Alarm History

Card History

Event Report

Status Reports

Report Configuration

SELECTED REPORT

Event Report

DATA SELECTION CRITERIA

Date Range: from 04/29/2011 12:00:00 AM to 04/30/2011 11:59:59 PM

Category: All

TEXT FILTER (LOG DATA INCLUDING)

Blank - All

space - logical 'OR'

Run Cancel Help

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javascript: \_\_doPostBack('ctl00\$MainContentPlaceHolder\$ReportViewerBlock1\$ReportGridView','Sort\$FirstName')

### Event Report

To obtain the **Event Report**, select **Event Reports - Event Report** menu item from the **Left-side Menu**. Alternatively, you may select the required type of report using the **Selected Report** dropdown on every screen.

**Event Report** has the following **Field Set** by default:

#, Date/Time, Category, Alarm Name, Alarm Priority, Status, Condition, Acknowledge Comment.

**Event Report** has following **Data Selection Criteria**:

Date Range: **from:** **to:** (one day preceding to current by default)

**Category** drop-down (All, System, Controller, Door, Reader, Input, Output, Elevator, Cardholder, Operator)

**Category** drop-down has "All" value by default. It means that all the above mentioned categories will be processed.



**Text filter** (log data including) field. It is referred only to **Status** field.

If **Text filter** field is blank - all records will be chosen;

If **Text filter** field has wild card '\*' symbol(-s) - wild card criteria will be applied;

If **Text filter** field has one or more space ' ' symbol(-s) - logical 'OR' will be applied to all parts of string, divided by spaces.

Date Range: From: and To: criteria is referred only to Date/Time field. This is mandatory criteria. If "From:" or "To:" will be empty, popup error message "Date range from is empty." or "Date range to is empty." will appear.

"To:" value could not be earlier then "From:" value, otherwise error popup message "Date from greater than date to." will appear.

After **Data Selection Criteria** is defined, press Run button to obtain the report.

Report Results window will appear:

**Report Results - Mozilla Firefox**

File Edit View History Bookmarks Tools Help

http://127.0.0.1/Reports/ReportViewer.aspx

**Report Results**

Current Threat Level: **Normal** System Administration Cardholder Data Event Monitoring Hardware Configuration System Configuration **Reports** Historical Log Maps External Systems

Millenium Xtra Current Partition: Default Partition Logged User: Admin Time Online: 00:06 Base Online: 21:32

Run Reports Schedule Reports Reports History

Cardholder Reports  
Configuration Reports  
Event Reports  
Alarm History  
Card History  
**Event Report**  
Status Reports

**Report Results**

Report Name: **Event Report** Build

Report parameters: From: 04/29/2011 12:00:00 AM to: 04/30/2011 11:59:59 PM

Page 1 of 10 20 records per page, 186 records total

#	Date/Time	Category	Name	Alarm Priority	Status	Orig
1	4/29/2011 12:19:50 AM	Operator	ADMIN	5	Operator logged on	
2	4/29/2011 12:32:26 AM	Input	Controller-1-Inp-1	5	Operator command:Online	
3	4/29/2011 12:32:26 AM	Input	Controller-1-Inp-1	5	Operator command failed:Online	
4	4/29/2011 12:32:41 AM	Input	Controller-1-Inp-2	5	Operator command:Online	
5	4/29/2011 12:32:41 AM	Input	Controller-1-Inp-2	5	Operator command failed:Online	
6	4/29/2011 12:32:52 AM	Controller	Controller-1	5	Operator command:Offline	
7	4/29/2011 12:32:52 AM	Controller	Controller-1	5	Executed operator command:Offline	
8	4/29/2011 12:32:56 AM	Controller	Controller-1	5	Operator command:Online	
9	4/29/2011 12:32:56 AM	Controller	Controller-1	5	Executed operator command:Online	
10	4/29/2011 1:06:00 AM	Operator	ADMIN	5	Operator logged off	
11	4/29/2011 12:58:20 PM	Operator	ADMIN	5	Operator logged on	
12	4/29/2011 3:20:59 PM	Audit Event	Admin	50	Database Backup Scheduler has been updated	
13	4/29/2011 3:22:12 PM	Audit Event	Admin	50	Database Backup Scheduler has been updated	
14	4/29/2011 3:22:19 PM	Audit Event	Admin	50	Database Backup Scheduler has been updated	
15	4/29/2011 3:22:25 PM	Audit Event	Admin	50	Database Backup Scheduler has been updated	
16	4/29/2011 3:22:36 PM	Audit Event	Admin	50	Database Backup Scheduler has been updated	
17	4/29/2011 3:28:37 PM	Audit Event	Admin	50	Database Backup Scheduler has been updated	
18	4/29/2011 3:46:35 PM	Cardholder	Frank Alberts (Card #1)	5	Admitted	Controller-1
19	4/29/2011 3:46:40 PM	Cardholder	Frank Alberts (Card #1)	5	Denied access, it is not proper time period	Controller-1
20	4/29/2011 3:46:52 PM	Output	Controller-2-RCD-1 Supervisor Relay	5	Activated	

Print Preview Download to File Back Help

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Done

Millenium Xtra Operator can select which fields are necessary to display.

To select fields which will be displayed, press **Columns** Columns button.

Millenium Xtra: Report Results - Visible Columns

Visibility	Column
<input checked="" type="checkbox"/>	#
<input checked="" type="checkbox"/>	Last Name
<input checked="" type="checkbox"/>	First Name
<input checked="" type="checkbox"/>	MI
<input checked="" type="checkbox"/>	Employee ID
<input checked="" type="checkbox"/>	Access Level 1
<input checked="" type="checkbox"/>	Access Level 2
<input checked="" type="checkbox"/>	Access Level 3
<input checked="" type="checkbox"/>	Access Level 4
<input checked="" type="checkbox"/>	Access Level 5
<input checked="" type="checkbox"/>	Access Level 6

Select column visibility using correspondent checkbox(-es).

Select All button checks all the checkboxes.

Invert Selection button inverts your selection.

Press  OK button to apply your selection.

Press  Cancel button to cancel your selection.

If the number of records for output is too much to display on one screen, Millenium Xtra Operator can set up the number of records per page using the "records per page" selector. Just type in the required decimal number. Buttons <<, <, >, >> are used for navigation from one record to another and from one page to another. Page number selector with the "Go To" button is used for quick navigation to the certain page.

Print Preview button outputs the report data in a simple printable format.

Download to File button enables to save your report locally in a file.

Supported output file formats are the following:

- Comma delimited (default)
- Tab delimited
- XML
- ADO.NET Dataset

Press  Back button to enter another **Data Selection Criteria**.

## Status Reports

### Run Reports - Status Reports - Door Status

### Door Status Report

To obtain the **Door Status Report**, select **Status Reports - Door Status** menu item from the **Left-side Menu**.

Alternatively, you may select the required type of report using the **Selected Report** dropdown on every screen.

**Door Status Report** has the following **Field Set** by default:

#, Door Name, Location, On Line, Status.

**Door Status Report** has following **Data Selection Criteria**:

Alpha-numeric: **from:** **to:**

\*All checkbox

When **All** checkbox is checked, all records will be output.

**From:** and **To:** criteria are referred only to **Door Name** field. Must be typed exactly like this name is stored in database (i.e. From:Controller-1-Door-1 To:Controller-1-Door-2) to include boundary conditions. Criteria also may be input in a form From: A To: Y, or From: 1 To: Z, or From: Ab To: Wh etc. From: value should be "less" then To: value (in alphanumerical sense), otherwise error popup message will be displayed.

After **Data Selection Criteria** is defined, press Run button to obtain the report.

Report Results window will appear:

The screenshot shows the 'Report Results' window in Mozilla Firefox. The browser address bar shows 'http://127.0.0.1/Reports/ReportViewer.aspx'. The application interface includes a top navigation bar with tabs like 'System Administration', 'Cardholder Data', 'Event Monitoring', 'Hardware Configuration', 'System Configuration', 'Reports', 'Historical Log', 'Maps', and 'External Systems'. The 'Reports' tab is active. Below the navigation bar, there's a 'Run Reports' section with a sidebar menu showing 'Cardholder Reports', 'Configuration Reports', 'Event Reports', and 'Status Reports'. The 'Status Reports' section is expanded, showing 'Door Status' as the selected report. The main content area displays the 'Report Results' for 'Door Status'. It includes a 'Report Name: Door Status' and 'Build on: 4/29/2011 9:34:04 PM'. Below this, it shows 'Report parameters: All Records'. A pagination bar indicates 'Page 1 of 1' and 'records per page, 3 records total'. A table with 5 columns is displayed: '#', 'Door Name', 'Location', 'On Line', and 'Status'. The table contains 3 rows of data. At the bottom of the window, there are buttons for 'Print Preview', 'Download to File', 'Back', and 'Help'. The footer shows copyright information for Millennium Group, Inc. and links for 'Change Password', 'Company Info', 'Privacy Policy', and 'Open in Separate Window'.

#	Door Name	Location	On Line	Status
1	Controller-1-Door-1	Location-A	<input checked="" type="checkbox"/>	Operator command failed:Unlock ( 204)
2	Controller-1-Door-2	Location-A	<input checked="" type="checkbox"/>	Operator command failed:Momentary Forgive APB ( 204)
3	Controller-2-Door-1	Location-B	<input type="checkbox"/>	Operator command failed:Unlock ( 204)

Millenium Xtra Operator can select which fields are necessary to display.

To select fields which will be displayed, press **Columns** Columns button.

Millenium Xtra: Report Results - Visible Columns

Visibility	Column
<input checked="" type="checkbox"/>	#
<input checked="" type="checkbox"/>	Last Name
<input checked="" type="checkbox"/>	First Name
<input checked="" type="checkbox"/>	MI
<input checked="" type="checkbox"/>	Employee ID
<input checked="" type="checkbox"/>	Access Level 1
<input checked="" type="checkbox"/>	Access Level 2
<input checked="" type="checkbox"/>	Access Level 3
<input checked="" type="checkbox"/>	Access Level 4
<input checked="" type="checkbox"/>	Access Level 5
<input checked="" type="checkbox"/>	Access Level 6

Select column visibility using correspondent checkbox(-es).

Select All button checks all the checkboxes.

Invert Selection button inverts your selection.

Press  OK button to apply your selection.

Press  Cancel button to cancel your selection.

If the number of records for output is too much to display on one screen, Millenium Xtra Operator can set up the number of records per page using the "records per page" selector. Just type in the required decimal number. Buttons <<, <, >, >> are used for navigation from one record to another and from one page to another. Page number selector with the "Go To" button is used for quick navigation to the certain page.

Print Preview button outputs the report data in a simple printable format.

Download to File button enables to save your report locally in a file.

Supported output file formats are the following:

- Comma delimited (default)
- Tab delimited
- XML
- ADO.NET Dataset

Press  Back button to enter another **Data Selection Criteria**.

## Run Reports - Status Reports - Input Status

The screenshot shows the 'Report Configuration' window in Mozilla Firefox. The browser's address bar displays 'http://127.0.0.1/Reports/Default.aspx?ID=14'. The application's top navigation bar includes tabs for 'System Administration', 'Cardholder Data', 'Event Monitoring', 'Hardware Configuration', 'System Configuration', 'Reports' (which is active), 'Historical Log', 'Maps', and 'External Systems'. Below this, a status bar shows 'Current Threat Level: Normal', 'Current Partition: Default Partition', 'Logged User: Admin', 'Time Online: 00:08', and 'Base Online: 21:34'. The main interface has a left-hand menu with 'Run Reports', 'Schedule Reports', and 'Reports History'. Under 'Run Reports', there are sub-items: 'Cardholder Reports', 'Configuration Reports', 'Event Reports', 'Status Reports' (expanded), 'Door Status', 'Input Status' (selected), and 'Output Status'. The main content area is titled 'Report Configuration' and contains a 'SELECTED REPORT' dropdown menu set to 'Input Status'. Below this is the 'DATA SELECTION CRITERIA' section, which includes an 'Alpha-numeric: from: to:' field and an 'All' checkbox. At the bottom of this section are three buttons: 'Run', 'Cancel', and 'Help'. The footer of the application shows the copyright '©2000–2011 Millennium Group, Inc.' and links for 'Change Password', 'Company Info', 'Privacy Policy', and 'Open in Separate Window'. The browser's status bar at the very bottom shows 'Done'.

### Input Status Report

To obtain the **Input Status Report**, select **Status Reports - Input Status** menu item from the **Left-side Menu**.

Alternatively, you may select the required type of report using the **Selected Report** dropdown on every screen.

**Input Status Report** has the following **Field Set** by default:

#, Input Name, Location, On Line, Status.

**Input Status Report** has following **Data Selection Criteria**:

Alpha-numeric: **from:** **to:**

\***All** checkbox

When **All** checkbox is checked, all records will be output.

**From:** and **To:** criteria are referred only to Input Name field. Must be typed exactly like this name is stored in database (i.e. From:Controller-1-DR-1-Egress To:Controller-1-DR-2-Egress) to include boundary conditions. Criteria also may be input in a form From: A To: Y, or From: 1 To: Z, or From: Ab To: Wh etc. From: value should be "less" then To: value (in alphanumerical sense), otherwise error popup message will be displayed.

After **Data Selection Criteria** is defined, press Run button to obtain the report.

Report Results window will appear:

Report Results - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://127.0.0.1/Reports/ReportViewer.aspx

Report Results

Current Threat Level: Normal

System Administration Cardholder Data Event Monitoring Hardware Configuration System Configuration **Reports** Historical Log Maps External Systems

Millenium Xtra

Current Partition: Default Partition Logged User:Admin Time Online: 00:08 Base Online: 21:35

Run Reports Schedule Reports Reports History

Cardholder Reports

Configuration Reports

Event Reports

Status Reports

Door Status

**Input Status**

Output Status

Report Results

Report Name: Input Status Build on: 4/29/2011 9:35:03 PM

Report parameters: All Records

Page 1 of 1 20 records per page, 6 records total

<< < > >> 1 Go To Columns

#	Input Name	Location	On Line	Status
1	Controller-1-Inp-1	Location-A	<input checked="" type="checkbox"/>	Operator command failed:Online (401)
2	Controller-1-Inp-2	Location-A	<input checked="" type="checkbox"/>	Operator command failed:Online (401)
3	Controller-1-Inp-3	Location-A	<input checked="" type="checkbox"/>	
4	Controller-1-Inp-4	Location-A	<input checked="" type="checkbox"/>	
5	Controller-2-Inp-1	Location-B	<input type="checkbox"/>	
6	Controller-2-Inp-2	Location-B	<input type="checkbox"/>	

Print Preview Download to File Back Help

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Done

Millenium Xtra Operator can select which fields are necessary to display.

To select fields which will be displayed, press **Columns** Columns button.

Millenium Xtra: Report Results - Visible Columns

Visibility	Column
<input checked="" type="checkbox"/>	#
<input checked="" type="checkbox"/>	Last Name
<input checked="" type="checkbox"/>	First Name
<input checked="" type="checkbox"/>	MI
<input checked="" type="checkbox"/>	Employee ID
<input checked="" type="checkbox"/>	Access Level 1
<input checked="" type="checkbox"/>	Access Level 2
<input checked="" type="checkbox"/>	Access Level 3
<input checked="" type="checkbox"/>	Access Level 4
<input checked="" type="checkbox"/>	Access Level 5
<input checked="" type="checkbox"/>	Access Level 6

Select column visibility using correspondent checkbox(-es).

Select All button checks all the checkboxes.

Invert Selection button inverts your selection.

Press  OK button to apply your selection.

Press  Cancel button to cancel your selection.

If the number of records for output is too much to display on one screen, Millenium Xtra Operator can set up the number of records per page using the "records per page" selector. Just type in the required decimal number. Buttons <<, <, >, >> are used for navigation from one record to another and from one page to another. Page number selector with the "Go To" button is used for quick navigation to the certain page.

Print Preview button outputs the report data in a simple printable format.

Download to File button enables to save your report locally in a file.

Supported output file formats are the following:

- Comma delimited (default)
- Tab delimited
- XML
- ADO.NET Dataset

Press  Back button to enter another **Data Selection Criteria**.



## Run Reports - Status Reports - Output Status

### Output Status Report

To obtain the **Output Status Report**, select **Status Reports - Output Status** menu item from the **Left-side Menu**.

Alternatively, you may select the required type of report using the **Selected Report** dropdown on every screen.

**Output Status Report** has the following **Field Set** by default:

#, Output Name, Location, On Line, Status.

**Output Status Report** has following **Data Selection Criteria**:

Alpha-numeric: **from:** **to:**

\***All** checkbox

When **All** checkbox is checked, all records will be output.

**From:** and **To:** criteria are referred only to **Output Name** field. Must be typed exactly like this name is stored in database (i.e. From:Controller-1-Output-3 To:Controller-1-Output-6) to include boundary conditions. Criteria also may be input in a form From: A To: Y, or From: 1 To: Z, or From: Ab To: Wh etc. From: value should be "less" then To: value (in alphanumerical sense), otherwise error popup message will be displayed.

After **Data Selection Criteria** is defined, press Run button to obtain the report.

Report Results window will appear:

Report Results - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://127.0.0.1/Reports/ReportViewer.aspx

Report Results

Current Threat Level: Normal

System Administration Cardholder Data Event Monitoring Hardware Configuration System Configuration Reports Historical Log Maps External Systems

Millenium Xtra

Current Partition: Default Partition Logged User: Admin Time Online: 00:09 Base Online: 21:36

Run Reports Schedule Reports Reports History

Cardholder Reports Configuration Reports Event Reports Status Reports Door Status Input Status Output Status

Report Results

Report Name: Output Status Build on: 4/29/2011 9:36:08 PM

Report parameters: All Records

Page 1 of 1 20 records per page, 2 records total

Go To Columns

#	Output Name	Location	On Line	Status
1	Controller-1-RCD-1 Supervisor Relay	Location-A	<input checked="" type="checkbox"/>	Activated ( 500)
2	Controller-2-RCD-1 Supervisor Relay	Location-B	<input type="checkbox"/>	Activated ( 500)

Print Preview Download to File Back Help

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Done

Millenium Xtra Operator can select which fields are necessary to display.

To select fields which will be displayed, press **Columns** Columns button.

Millenium Xtra: Report Results - Visible Columns

Visibility	Column
<input checked="" type="checkbox"/>	#
<input checked="" type="checkbox"/>	Last Name
<input checked="" type="checkbox"/>	First Name
<input checked="" type="checkbox"/>	MI
<input checked="" type="checkbox"/>	Employee ID
<input checked="" type="checkbox"/>	Access Level 1
<input checked="" type="checkbox"/>	Access Level 2
<input checked="" type="checkbox"/>	Access Level 3
<input checked="" type="checkbox"/>	Access Level 4
<input checked="" type="checkbox"/>	Access Level 5
<input checked="" type="checkbox"/>	Access Level 6

Select column visibility using correspondent checkbox(-es).

Select All button checks all the checkboxes.

Invert Selection button inverts your selection.

Press  OK button to apply your selection.

Press  Cancel button to cancel your selection.

If the number of records for output is too much to display on one screen, Millenium Xtra Operator can set up the number of records per page using the "records per page" selector. Just type in the required decimal number. Buttons <<, <, >, >> are used for navigation from one record to another and from one page to another. Page number selector with the "Go To" button is used for quick navigation to the certain page.

Print Preview button outputs the report data in a simple printable format.

Download to File button enables to save your report locally in a file.

Supported output file formats are the following:

- Comma delimited (default)
- Tab delimited
- XML
- ADO.NET Dataset

Press  Back button to enter another **Data Selection Criteria**.

## Hardware Configuration

The screenshot shows the Mozilla Firefox browser window displaying the Millenium Xtra System Hardware Configuration page. The address bar shows the URL <http://127.0.0.1/hardwareconfiguration/controller/types.aspx?ID=14>. The page features a top navigation bar with tabs: System Administration, Cardholder Data, Event Monitoring, Hardware Configuration (selected), System Configuration, Reports, Historical Log, Maps, and External Systems. Below this is a sub-navigation bar with icons for Sites, Controller Type Configuration (selected), Controllers, Doors, Elevators, Readers, Inputs, RCD, Outputs, Elevator Cars, and Card Formats. The main content area is titled "Controller Type Configuration" and displays the configuration for a controller type named "DCD". The "FIRMWARE VERSION" section includes fields for "Lowest DCD Issue" (1P), "Lowest RCD Issue" (F), "Lowest Site Issue" (V), and "Lowest ECU Issue" (M). At the bottom of the configuration area are buttons for New, Copy, Save, Delete, Cancel, and Help. The footer of the browser window shows the copyright notice "©2000–2011 Millennium Group, Inc." and links for Change Password, Company Info, Privacy Policy, and Open in Separate Window.

Controller Type Configuration

Controller Type Name: DCD

← Prev Next →

**FIRMWARE VERSION**

Lowest DCD Issue: 1P Lowest RCD Issue: F

Lowest Site Issue: V Lowest ECU Issue: M

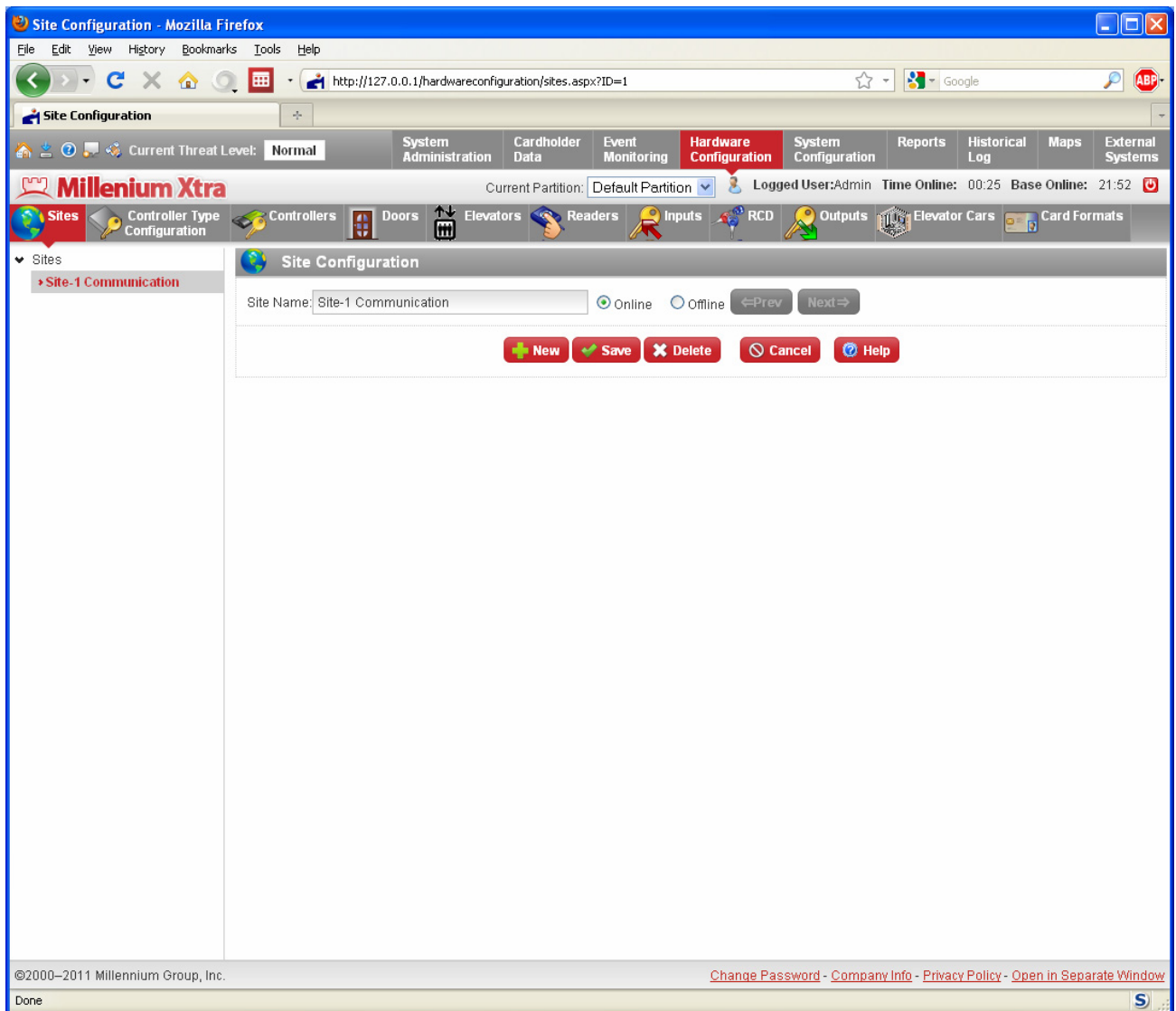
+ New Copy Save X Delete Cancel Help

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This section of the Millenium Xtra System is intended for viewing, editing, creation and removal of Hardware Devices Records.

All the information about Millenium Xtra System Hardware Devices is stored in 11 tabs: Sites, Controller Type Configuration, Controllers, Doors, Elevators, Readers, Inputs, RCD, Outputs, Elevator Cars, and Card Formats tab.

## Hardware Configuration - Site Configuration



Site Configuration Tab is necessary to configure available sites in the Millenium Xtra System.

Available Fields:

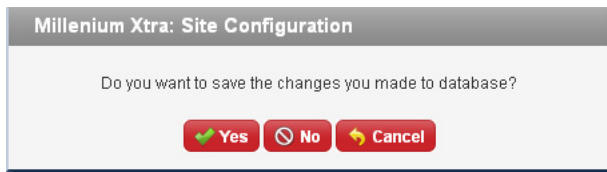
- **Site Name** – field to assign Site Name.
- Status (has two options: **Online** or **Offline**) – Radio button to select Site Status.

Available Buttons:

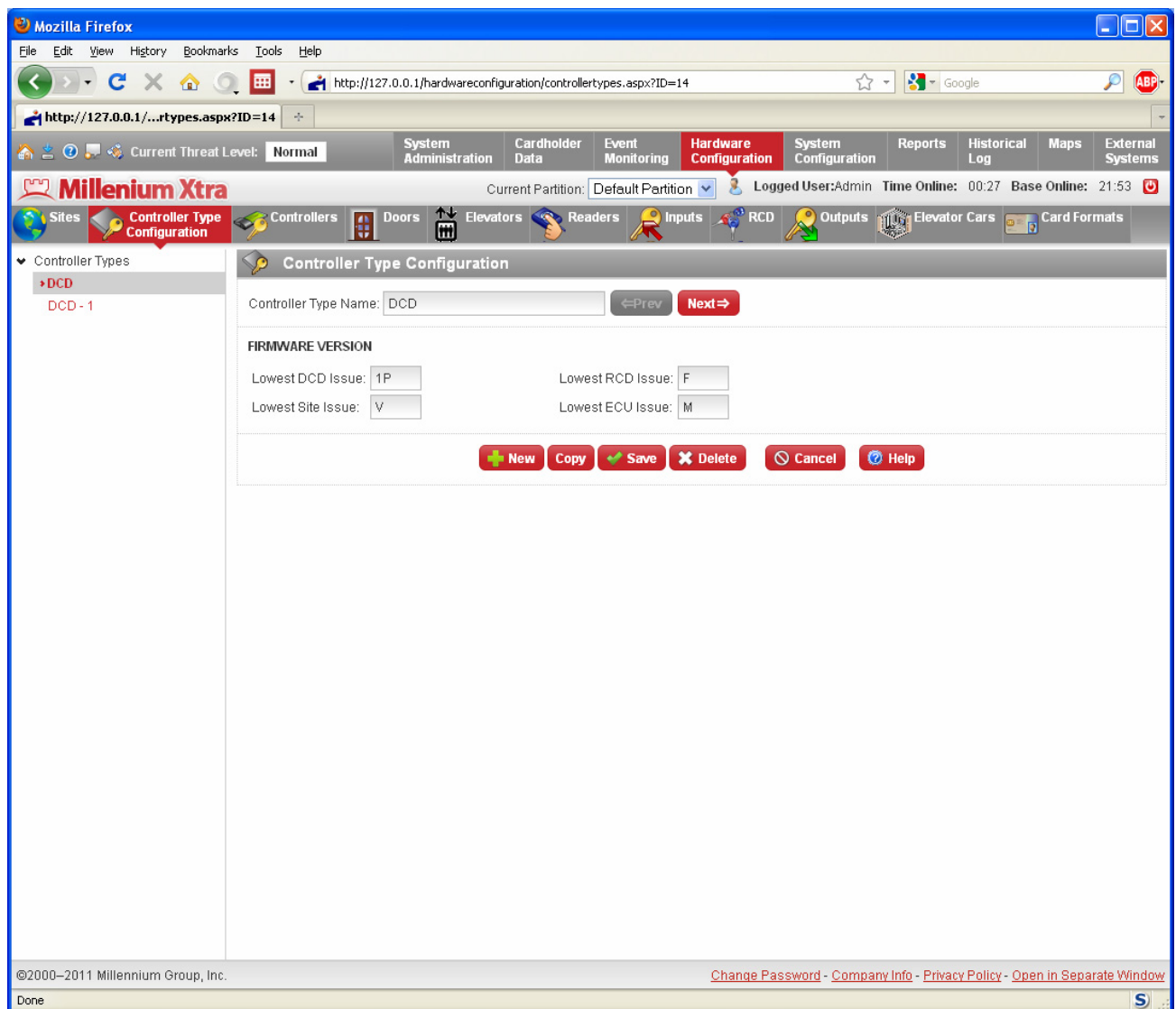
- **New** – button for creation of a new Site. Press this button to create the new site.
- **Save** – button for saving changes for the current screen
- **Delete** – button for removal of selected Site
- **Cancel** – cancels changes made for the current screen.

Select necessary Site using “Sites” tree in the left-side part of a screen. Enter necessary data into corresponding fields. Press Save button to save changes for the selected Site. Press Cancel button to cancel changes for the selected Site.

Press New button to create the record for the new Site in the Millenium Xtra System. Previous data on your screen should be saved or discarded before this operation:



## Hardware Configuration - Controller Type Configuration



Controller Type Configuration Tab is necessary to configure available Controller Types in the Millenium Xtra System. All available controller types may be easily found using “All Controller Types” tree in the left-side part of a screen.

Available Fields and Controls:

- **Card Format Name:** field to input the Name for the Card Format
- **Site Polling Retry Count:** field to input the Site Polling Retry Count (between 1 and 99). Any other input value causes an error “**Polling Retry Count is wrong**”.
- **Global Send Count:** field to input the Global Send Count (between 1 and 9). Any other input value causes an error “**Global Send Count is wrong**”.
- **Online Update:** set of two Radio buttons to select the Online Update value (Enable or Disable)
- **Firmware version:** set of four fields to assign lowest DCD, RCD, site and ECU values (Lowest DCD Issue, Lowest Site Issue, Lowest RCD Issue and Lowest ECU Issue). To assign these values, refer to the instructions below (**Firmware options**).

## Firmware options

### (1) Firmware (EPROM Issue level)

Millenium Xtra System software features and dialog fields reflect the oldest circuit board (firmware) operating in the access control network. In other words, the latest software features may not appear if even one old DCD, SCU, or RCD circuit board exists in your network.

In addition to having the latest EPROM installed in system devices, you must also record the latest issue levels in this setup file.

### Important!

The lowest EPROM issue levels for circuit board devices in the Millenium Xtra System appear in the first column.

	Lowest	Current (2006)
Lowest DCD EPROM issue level	<b>R</b>	<b>1K</b>
Lowest SCU EPROM issue level	<b>T</b>	<b>V</b>
Lowest RCD EPROM issue level	<b>E</b>	<b>F</b>
Lowest ECU EPROM issue level	<b>G</b>	<b>K</b>

All access control DEVICES in the Millenium Xtra System must be at least the EPROM issue level listed as lowest for the Millenium Xtra System to operate. The current EPROM issue level is subject to change as new features are added to the software.

EPROM issue levels are identified by a paper label on the EPROM chip of the circuit board device.

(2) **Miscellaneous** (Site Clock Source: The default (Crystal) means the on-board clock on the Site Control Unit is used to set time. Keep this default clock in all but very unique circumstances.

The 50 or 60 Hz option changes the clock source from the circuit board device's on-board clock to an AC power source.

Auto Cold Reset Update: If a device loses all memory and returns the "Cold Reset" message, when this box is checked, the server will update that device automatically.

Display History While Logged off: Applies to server only, in debug mode.

Hide User and Door PIN: When checked, this option suppresses the display of the user PIN and Door PIN after it is first entered. Reports also will not print the PIN.

Social Security Number Format: This option gives you the option of selecting the format for entering the Social Security number in the User Profile. You can choose Canadian, American or other formats depending on the country where you are using the Millenium Xtra System. Whatever you select here will appear in the user profile sections where the number is optional.

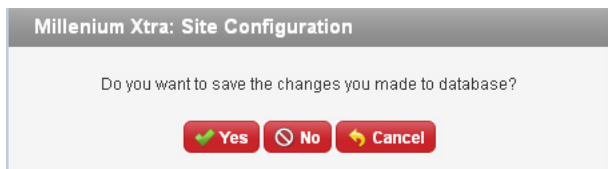
### Available Buttons:

- **New** – button for creation of a new Controller Type Format. Press this button to create the new Controller Type.
- **Copy** – button to copy screen data for another Controller Type
- **Save** – button for saving changes for the current screen
- **Delete** – button for removal of selected Controller Type
- **Cancel** – cancels changes made for the current screen.

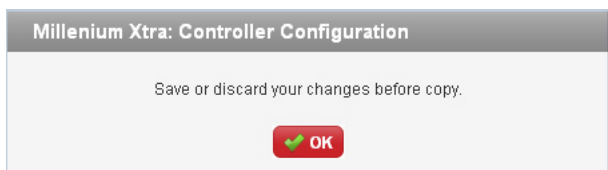


Select Controller Type using “All Controller Types” tree in the left-side part of a screen. Enter necessary data into corresponding fields. Press Save button to save changes for the selected Controller Type. Press Cancel button to cancel changes for the selected Controller Type.

Press New button to create the record for new Controller Type in the Millenium Xtra System. Previous data on your screen should be saved or discarded before this operation:



Press Copy button to create the record for Controller Type in the Millenium Xtra System using already entered data (which are displayed on your screen). Previous data on your screen should be saved or discarded before this operation:



## Hardware Configuration - Controller Configuration

Controller Configuration - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://127.0.0.1/hardwareconfiguration/controllers.aspx?ID=2

Controller Configuration

Current Threat Level: Normal

System Administration Cardholder Data Event Monitoring **Hardware Configuration** System Configuration Reports Historical Log Maps External Systems

Millenium Xtra

Current Partition: Default Partition Logged User: Admin Time Online: 00:29 Base Online: 21:55

Sites Controller Type Configuration **Controllers** Doors Elevators Readers Inputs RCD Outputs Elevator Cars Card Formats

All Controllers

Site-1 Communication

Controller-1

Controller-2

Controller-3

Controller Configuration

Controller Name: Controller-1 Online Offline Prev Next

Controller Type: DCD In Site: Site-1 Communication

Location: Location-A Controller time zone: (GMT -05:00) Eastern Time(US&Canada)

Address: 0 (0-999) Use Daylight Saving Time

Enable card expiration time

Anti-passback: Not Used Polling: Disabled

CONNECTION MODE

TCP/IP Com Port

Controller IP Address: COM Port: COM 3

New Copy Copy with devices Save Delete Delete with devices Cancel Help

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Done

Controller Configuration Tab is necessary to configure available controllers in the Millenium Xtra System. All available controllers are grouped by available Sites, and any of them may be easily found using “controllers by sites” tree in the left-side part of a screen.

Available Fields and Controls:

- **Controller Name:** field to input the Name for the Controller
- **Controller Type:** field to select the Type for the Controller (see Controller Types section)
- Status (has two options: **Online** or **Offline**) – Radio button to select Controller Status.
- **In Site:** field to select the Site for the Controller (see Sites section)
- **Location:** field to input the Location for the Controller
- **Address:** field to input the Address for the Controller (from 0 to 999)
- **Controller Timezone:** field to select the Timezone for the Controller
- **Use Daylight Saving Time** – checkbox to select apply/not apply DST

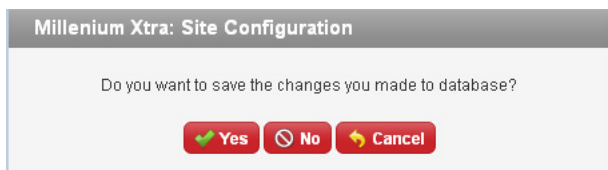
- **Anti-passback:** field to select the Anti-passback mode for the Controller (Global, Paired or Not Used)
- **Polling:** field to select the Polling mode for the Controller (Enabled or Disabled)
- Connection mode selection: Radio button to select **TCP/IP** or **COM port** connection mode
- **Controller IP Address:** - field to input IP Address for Controller (if TCP/IP connection mode is selected)
- **COM Port:** - field to select COM Port number (if COM port connection mode is selected)

Available Buttons:

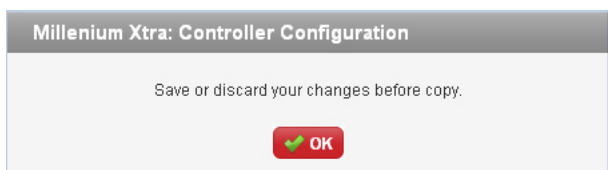
- **New** – button for creation of a new Controller. Press this button to create the new Controller.
- **Copy** – button to copy screen data for another Controller
- **Save** – button for saving changes for the current screen
- **Delete** – button for removal of selected Controller
- **Cancel** – cancels changes made for the current screen.

Select controller using “controllers by sites” tree in the left-side part of a screen. Enter necessary data into corresponding fields. Press Save button to save changes for the selected Controller. Press Cancel button to cancel changes for the selected Controller.

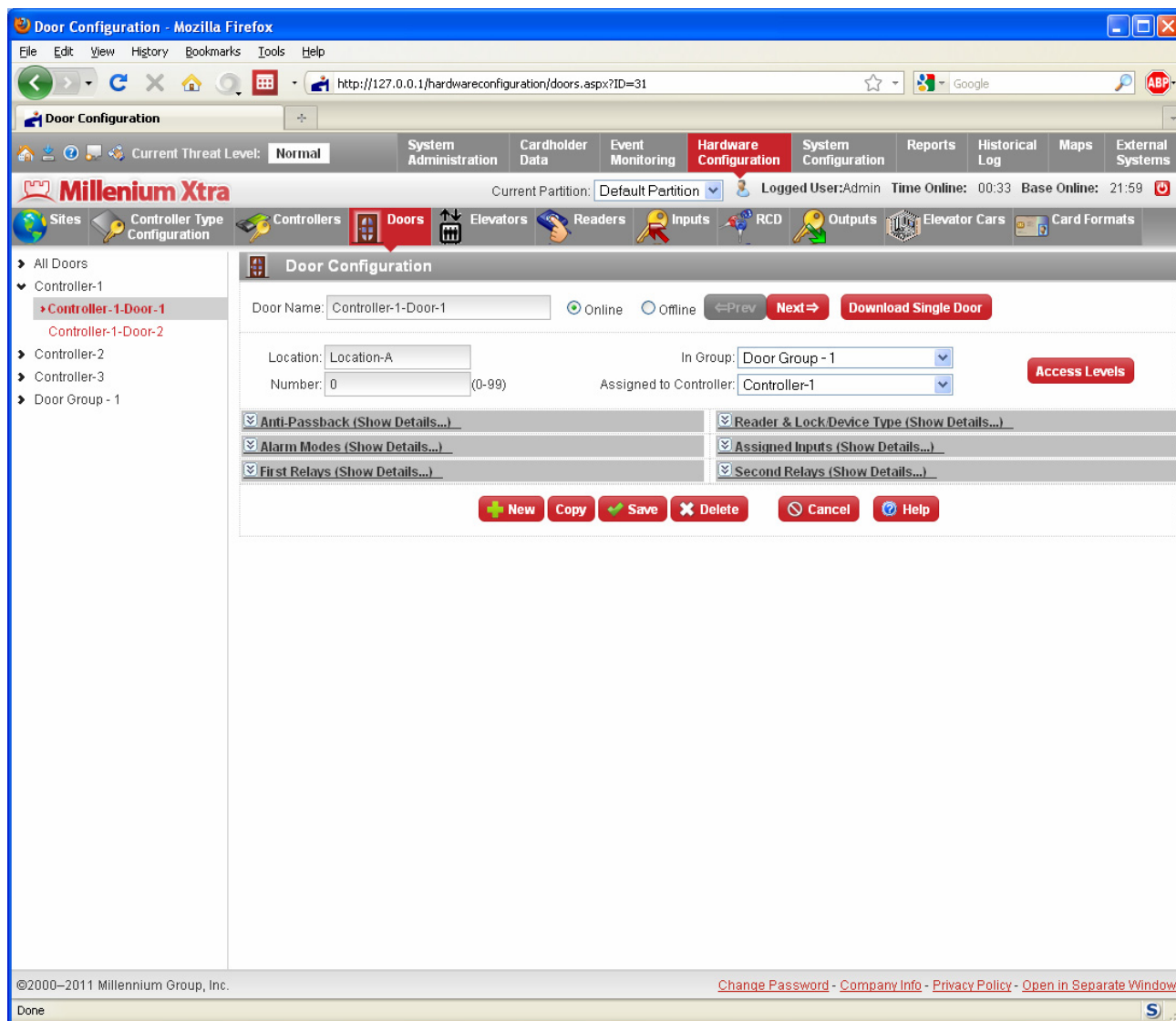
Press New button to create the record for new controller in the Millenium Xtra System. Previous data on your screen should be saved or discarded before this operation:



Press Copy button to create the record for new controller in the Millenium Xtra System using already entered data (which are displayed on your screen). Previous data on your screen should be saved or discarded before this operation:



## Hardware Configuration - Door Configuration



Door Configuration Tab is necessary to configure available doors in the Millenium Xtra System. Any necessary door may be easily found using "All Doors" tree in the left-side part of a screen.

Available Fields and Controls:

- **Door Name:** field to input the Name for the current Door
- Status (has two options: **Online** or **Offline**) – Radio button to select current Door's Status
- **Location:** – field to input Location for the current Door
- **Number:** – field to input Number for the current Door (between 0 and 99)
- **In Group:** – field to select current Door's Group (if groups are available)
- **Assigned to Controller:** – field to select DCD Controller for which the current Door is assigned (among available ones)
- **Anti-Passback:** – group of controls to select Anti-Passback parameters for the current Door (use link Show Details.../ Hide Details...), see details below
- **Alarm Modes:** – group of controls to select Alarm Modes parameters for the current Door (use link Show Details.../ Hide Details...), see details below

- **First Relays:** – group of controls to select First Relays parameters for the current Door (use link Show Details.../ Hide Details...), see details below
- **Reader & Lock/Device Type:** – group of controls to select Reader & Lock/Device Type parameters for the current Door (use link Show Details.../ Hide Details...), see details below
- **Assigned Inputs:** – group of controls to select Assigned Inputs parameters for the current Door (use link Show Details.../ Hide Details...), see details below
- **Second Relays:** – group of controls to select Second Relays parameters for the current Door (use link Show Details.../ Hide Details...), see details below

Door Configuration - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://127.0.0.1/hardwareconfiguration/doors.aspx?ID=31

Door Configuration

Current Threat Level: Normal

System Administration Cardholder Data Event Monitoring Hardware Configuration System Configuration Reports Historical Log Maps External Systems

MilleniumXtra

Current Partition: Default Partition Logged User: Admin Time Online: 00:33 Base Online: 21:59

Sites Controller Type Configuration Controllers Doors Elevators Readers Inputs RCD Outputs Elevator Cars Card Formats

All Doors

Controller-1

Controller-1-Door-1

Controller-1-Door-2

Controller-2

Controller-3

Door Group - 1

Door Configuration

Door Name: Controller-1-Door-1 Online Offline Prev Next Download Single Door

Location: Location-A In Group: Door Group - 1 Access Levels

Number: 0 (0-99) Assigned to Controller: Controller-1

Anti-Passback (Hide Details...)

Mode: None

Exit Door:

Minutes: 0 (0-99)

Reader & Lock Device Type (Hide Details...)

Reader: Controller-1-Reader-1 Readers

Lock/Device Type: Other

Alarm Modes (Hide Details...)

Supervise Alarms 1-4 with Two States: Trigger/Reset

Supervise Alarms 1-7 with Two States: Trigger/Reset

Supervise Alarms 1-7 with Four States: Trigger/Reset/Open/Shorted

Assigned Inputs (Hide Details...)

Inputs

First Relays (Hide Details...)

Relay Mode: Auto Activate

Active Seconds: 3 (0-255)

Active Timezone: Always

Allow REX to Activate Relay: ☐

REX PROHIBITS RELAY ACTION

Shunt (ignores) door contact for time specified for the relay. The shunt period will start: ☒ On Release ☐ On Activation

REQUEST TO EXIT MESSAGE

Send request: ☐

Active Timezone: Never

Second Relays (Hide Details...)

Relay Mode: No Action

Active Seconds: 0 (0-255)

Active Timezone: Never

Active For:

New Copy Save Delete Cancel Help

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Done

Available Fields and Controls inside **Anti-Passback** parameters group:

- **Mode:** – Combo box to select Anti-Passback Mode for the current Door. Select necessary one among None, Global Entrance, Global Exit or Time Out Reset
- **Exit Door:** – Combo box to select Exit Door for the current Door. Select necessary one among available
- **Minutes:** – if selected **Mode** is “Time Out Reset”, input Time Out Reset value here (in minutes, between 0 and 99)

Available Fields and Controls inside **Alarm Modes** parameters group:

- **Alarm Mode:** – group of Radio buttons to select Alarm Mode for the current Door.

**Select one among these three modes:**

Supervise Alarms 1-4 with Two States: Trigger/Reset

Supervise Alarms 1-7 with Two States: Trigger/Reset

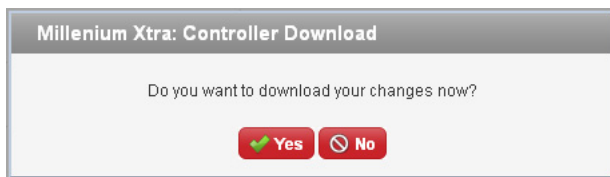
Supervise Alarms 1-7 with Four States: Trigger/Reset/Open/Shorted

Available Fields and Controls inside **First Relays** parameters group:

- **Relay Mode:** – Combo box to select Relay Mode for the current Door. Select necessary one among No Action, Auto Activate, First User Auto Activate, Valid User, Reject User, Any User, Dual Custody
- **Active Seconds:** – field to assign Active Seconds value for the current Door. Select necessary one among available (between 0 and 255). Note that if Relay Mode is set to No Action, this field is automatically set to 0 and is not accessible
- **Active Timezone:** – field to select the Active Timezone parameters for the current Door - Newer, Always, on working hours only (8AM - 5 PM Mon-Fri)
- **Allow REX to Activate Relay:** – checkbox to allow/disallow REX for relay activation
- **REX Prohibits Relay Action** – group of Radio buttons to select the shunt period for the current Door. Shunt (ignores) door contact for time specified for the relay. The shunt period may be set to start On Release or On Activation
- **Request to exit message** – subgroup of controls to send request parameters. Check or uncheck Send request: checkbox to choose necessary mode.
- **Active Timezone:** – field to select Active Timezone parameters for sending request to exit message from the current Door - Newer, Always, on working hours only (8AM - 5 PM Mon-Fri)

Available Fields and Controls inside **Reader & Lock/Device Type** parameters group:

- **Reader:** – Combo box to select Reader for the current Door. Select necessary one among available (previously assigned).
- **Lock/Device Type:** – Combo box to select Lock/Device Type for the current Door. Select necessary one among Other, Cylindrical, Electric Strike, Lever, Maglock, Mortise, Panic Device, Rim Cylinder
- **Readers Button** – press this button to assign additional readers for the current door. Equivalent to Readers tab on Main Menu. If some changes were previously made on Doors page, popup will appear:



Press Yes to save or No to discard downloading of changes made on Doors page into the Millenium Xtra Database. Edit Readers page as usually:

Available Fields and Controls inside **Assigned Inputs** parameters group:

- **Assigned Inputs:** – window to display assigned inputs for the current Door. No action is available here.

Available Fields and Controls inside **Second Relays** parameters group:

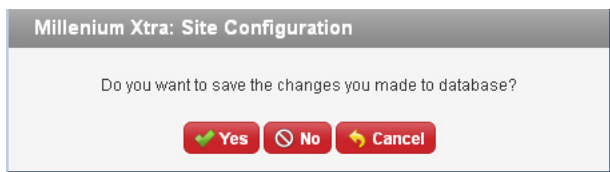
- **Relay Mode:** – Combo box to select Relay Mode for the current Door. Select necessary one among No Action, Auto Activate, First User Auto Activate, Valid User, Reject User, Any User, Selected Alarms, Mirror Selected Alarms, Last Person Out
- **Active Seconds:** – field to assign Active Seconds value for the current Door. Select necessary one among available (between 0 and 255). Note that if Relay Mode is set to No Action, this field is automatically set to 0 and is not accessible
- **Active Timezone:** – field to select the Active Timezone parameters for the current Door - Newer, Always, on working hours only (8AM - 5 PM Mon-Fri)
- **Active For:** – window to display all assigned inputs for the current door. All assigned inputs have checkboxes near their names. Check or uncheck these checkboxes to indicate which inputs for the second relay should be applied.

Available Buttons:

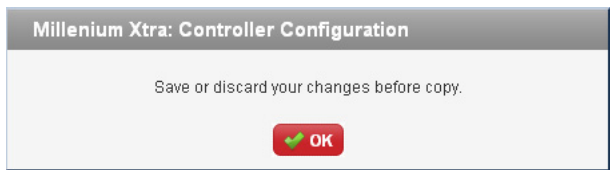
- **New** – button for creation of a new Door. Press this button to create the new Door.
- **Copy** – button to copy screen data for another Door
- **Save** – button for saving changes for the current screen
- **Delete** – button for removal of selected Door
- **Cancel** – cancels changes made for the current screen.

Select Door using “All Doors” tree in the left-side part of a screen. Enter necessary data into corresponding fields. Press Save button to save changes for the selected Door. Press Cancel button to cancel changes for the selected Door.

Press New button to create the record for new Door in the Millenium Xtra System. Previous data on your screen should be saved or discarded before this operation:



Press Copy button to create the record for new Door in the Millenium Xtra System using already entered data (which are displayed on your screen). Previous data on your screen should be saved or discarded before this operation:





## Hardware Configuration - Elevator Configuration

**Elevator Configuration - Mozilla Firefox**

File Edit View History Bookmarks Tools Help

http://127.0.0.1/hardwareconfiguration/elevators.aspx?ID=55

**Elevator Configuration**

Current Threat Level: Normal System Administration Cardholder Data Event Monitoring **Hardware Configuration** System Configuration Reports Historical Log Maps External Systems

Millenium Xtra Current Partition: Default Partition Logged User: Admin Time Online: 00:35 Base Online: 22:02

Sites Controller Type Configuration Controllers Doors **Elevators** Readers Inputs RCD Outputs Elevator Cars Card Formats

➤ All Elevators  
➤ Controller-1  
➤ Controller-2  
▼ Controller-3  
➤ **Elevator-1**

**Elevator Configuration**

Elevator Name: Elevator-1 ⏪ Prev Next ⏩

Address Number: 0 (0-3) In Group:

Assigned Reader: Controller-3-Reader-1 **Readers** Assigned to Controller: Controller-3

**ELEVATOR FLOORS CONFIGURATION**

Floor: 1 Floor Name:  ECU Relay Mode: No Action

Seconds Active:  (0-255) Active Time Zone: 8-5pm Mon-Fri ECU ID: 0 (0-15)

**Clear/New Add/Update Remove selected Elevator Cars**

Floor	Floor Name	ECU Relay Mode	Seconds Active	Time Zone	ECU ID
1	1	No Action	0	8-5pm Mon-Fri	0

**+ New Copy Save Delete Cancel Help**

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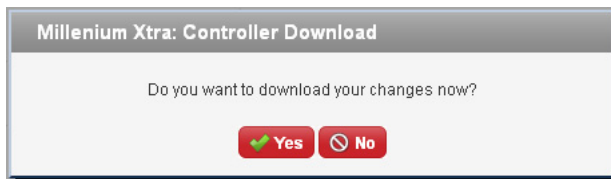
Elevator Configuration Tab is necessary to configure available elevators in the Millenium Xtra System. Any necessary elevator may be easily found using “All Elevators” tree in the left-side part of a screen.

Available Fields and Controls:

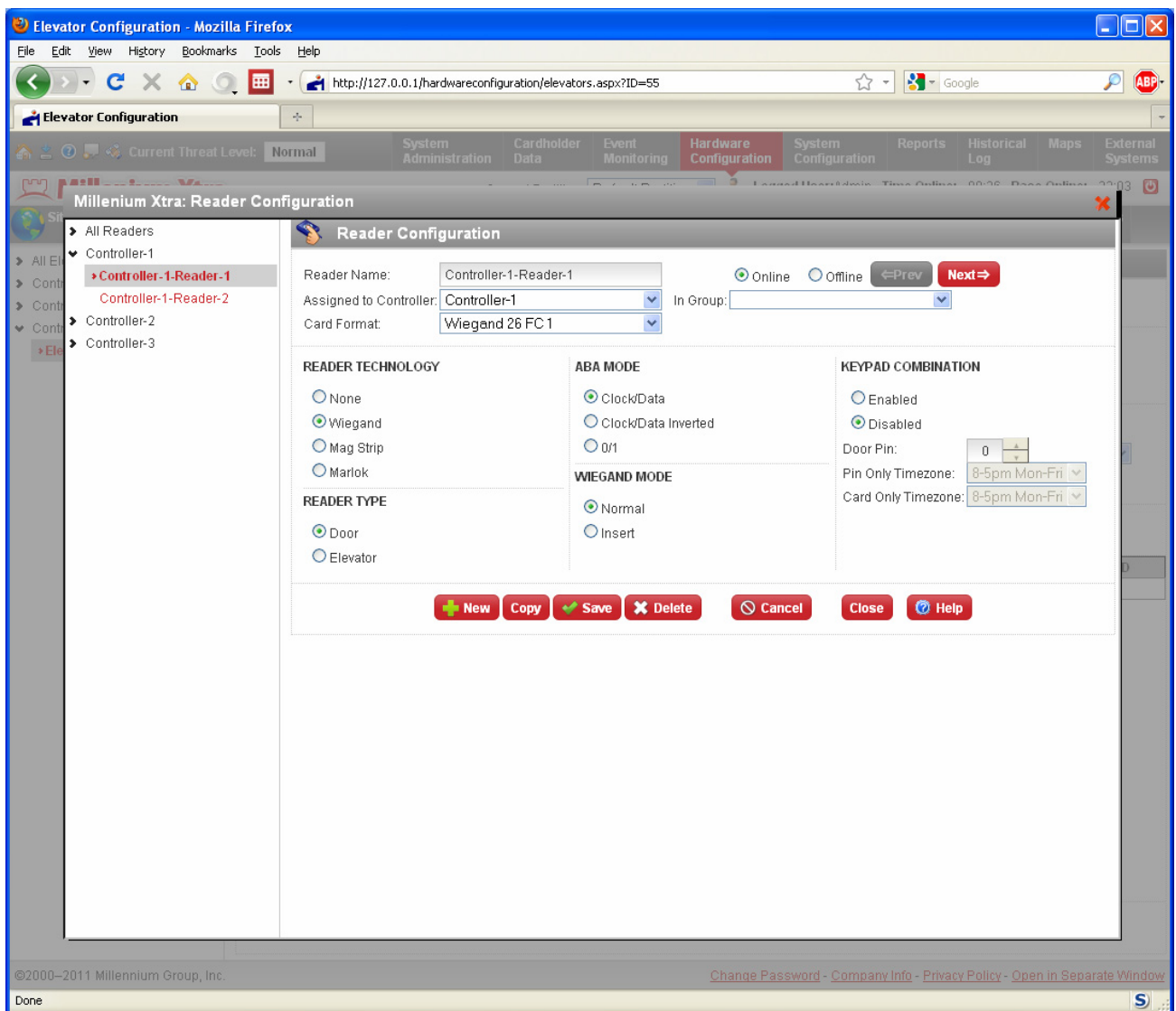
- **Elevator Name:** field to input the Name for the current Elevator
- **Address Number:** – field to input Address Number for the current Elevator (between 0 and 3)
- **Assigned Reader:** – field to select Reader for which the current Elevator is assigned (among available ones)
- **In Group:** – field to select current Elevator’s Group (if groups are available)
- **Assigned to Controller:** – field to select DCD Controller for which the current Elevator is assigned (among available ones)
- **Elevator Floors Configuration** – group of controls for floors configuration

Elevator Floors Configuration Fields and Controls:

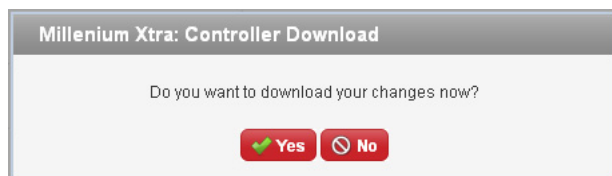
- **Floor:** – Combo box to set up floor value for the current elevator.
- **Floor Name:** – field to assign name for the selected floor (see above, Floor: Combo box)
- **ECU Relay Mode:** – Combo box to set up ECU Relay Mode for the current elevator and floor ECU. Choose necessary one among No Action, Auto Activate, First User Auto Activate, Valid User, Reject User, Any User
- **Seconds Active:** – field to assign number of seconds for ECU activity for the current elevator and floor ECU (between 0 and 255)
- **Active Timezone:** – field to select Active Timezone parameters for the current elevator and floor ECU - Newer, Always, on working hours only (8AM - 5 PM Mon-Fri)
- **ECU ID:** – Unique ECU ID for the current elevator and floor ECU (between 0 and 15)
- **Readers Button** – press this button to assign additional readers for the current elevator. This button is equivalent to Readers tab on Main Menu. If some unsaved changes were previously made on Elevators page, popup will appear:



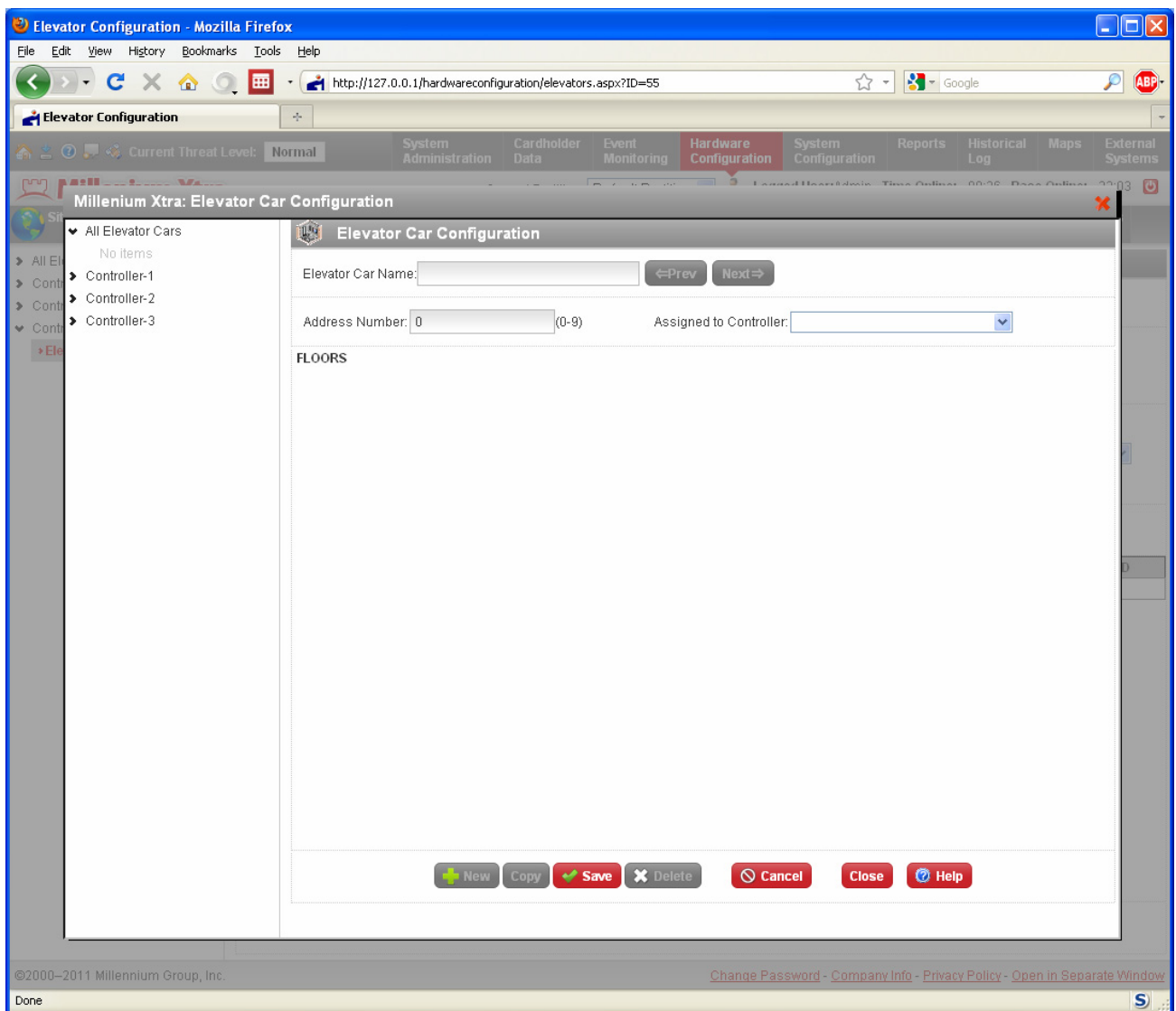
Press Yes to save or No to discard downloading of changes made on Elevators page into the Millenium Xtra Database. Edit Readers page as usually:



- Elevator Cars Button** – press this button to assign additional elevator cars for the current elevator. This button is equivalent to Elevator Cars tab on Main Menu. If some unsaved changes were previously made on Elevators page, popup will appear:



Press Yes to save or No to discard downloading of changes made on Elevators page into the Millenium Xtra Database. Edit Elevator Cars page as usually:



#### Available Buttons:

- **Clear/New** – button for creation of a new Elevator/Floor control record in a table. Always press this button to clear all data on you screen and prepare to create the new record in a table
- **Add/Update** – button for adding of a new Elevator/Floor control record in a table. Always press this button when you are ready to save a new Elevator/Floor control record or update an existing Elevator/Floor control record in a table
- **Remove selected** – button for removing of a highlighted Elevator/Floor control record in a table. Highlight the necessary record in a table (by clicking on it). Press Remove selected button. The popup will appear:

#### Millenium Xtra: Elevator Configuration

Do you want to delete selected floor?

**Yes No**

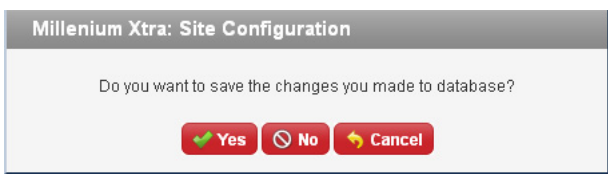
Press Yes to delete the selected record or press No to cancel delete operation.

- **New** – button for creation of a new Elevator. Press this button to create the new Elevator record in the Millenium Xtra Database. New elevator will appear in “All Elevator” tree in the left-side part of a screen immediately after pressing Save button

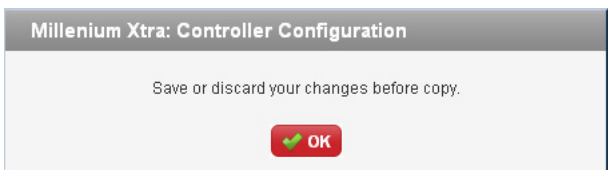
- **Copy** – button to copy screen data (elevator/floor assignments) for another Elevator
- **Save** – button for saving changes for the current screen
- **Delete** – button for removal of selected Elevator
- **Cancel** – cancels changes made for the current screen.

Select Elevator using “All Elevator” tree in the left-side part of a screen. Enter necessary data into corresponding fields. Press Save button to save changes for the selected Elevator. Press Cancel button to cancel changes for the selected Elevator.

Press New button to create the record for new Elevator in the Millenium Xtra System. Previous data on your screen should be saved or discarded before this operation:



Press Copy button to create the record for new Elevator in the Millenium Xtra System using already entered data (which are displayed on your screen). Previous data on your screen should be saved or discarded before this operation:



After adding of some elevator/floor ECU assignments, your screen will look like this:

Elevator Configuration - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://127.0.0.1/hardwareconfiguration/elevators.aspx?ID=55

Elevator Configuration

Current Threat Level: Normal

System Administration Cardholder Data Event Monitoring **Hardware Configuration** System Configuration Reports Historical Log Maps External Systems

Millenium Xtra

Current Partition: Default Partition Logged User: Admin Time Online: 00:40 Base Online: 22:07

Sites Controller Type Configuration Controllers Doors **Elevators** Readers Inputs RCD Outputs Elevator Cars Card Formats

> All Elevators  
 > Controller-1  
 > Controller-2  
 > Controller-3  
 > **Elevator-1**

**Elevator Configuration**

Elevator Name: Elevator-2 <Prev Next>

Address Number: 2 (0-3) In Group: <v>

Assigned Reader: Controller-3-Reader-1 Readers Assigned to Controller: Controller-3 <v>

**ELEVATOR FLOORS CONFIGURATION**

Floor: 6 Floor Name: ECU Relay Mode: No Action <v>

Seconds Active: 0 (0-255) Active Time Zone: 8-5pm Mon-Fri <v> ECU ID: 10 (0-15)

Clear/New Add/Update Remove selected Elevator Cars

Floor	Floor Name	ECU Relay Mode	Seconds Active	Time Zone	ECU ID
1	1	No Action	0	8-5pm Mon-Fri	0
2	2	No Action	0	8-5pm Mon-Fri	2
3	3	No Action	0	8-5pm Mon-Fri	4
4	4	No Action	0	8-5pm Mon-Fri	6
5	5	No Action	0	8-5pm Mon-Fri	8
6	6	No Action	0	8-5pm Mon-Fri	10

+ New Copy Save Delete Cancel Help

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Done

## Hardware Configuration - Reader Configuration

Reader Configuration - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://127.0.0.1/hardwareconfiguration/readers.aspx?ID=27

Reader Configuration

Current Threat Level: Normal

System Administration Cardholder Data Event Monitoring **Hardware Configuration** System Configuration Reports Historical Log Maps External Systems

Millenium Xtra

Current Partition: Default Partition Logged User: Admin Time Online: 00:32 Base Online: 21:59

Sites Controller Type Configuration Controllers Doors Elevators **Readers** Inputs RCD Outputs Elevator Cars Card Formats

➤ All Readers

▼ Controller-1

➤ **Controller-1-Reader-1**

Controller-1-Reader-2

➤ Controller-2

➤ Controller-3

Reader Configuration

Reader Name: Controller-1-Reader-1 Online Offline Prev Next

Assigned to Controller: Controller-1 In Group:

Card Format: Wiegand 26 FC 1

READER TECHNOLOGY

☐ None

☒ Wiegand

☐ Mag Strip

☐ Marlok

ABA MODE

☒ Clock/Data

☐ Clock/Data Inverted

☐ 0/1

KEYPAD COMBINATION

☐ Enabled

☒ Disabled

Door Pin: 0

Pin Only Timezone: 8-5pm Mon-Fri

Card Only Timezone: 8-5pm Mon-Fri

READER TYPE

☒ Door

☐ Elevator

WIEGAND MODE

☒ Normal

☐ Insert

New Copy Save Delete Cancel Help

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Done

Reader Configuration Tab is necessary to configure available readers in the Millenium Xtra System. Any necessary reader may be easily found using “All Readers” tree in the left-side part of a screen.

Available Fields and Controls:

- **Reader Name:** field to input the Name for the current Reader
- **Assigned to Controller:** – field to select the Controller name for the for the current Reader (among available ones)
- **Card Format:** – field to select the Card Format for the current Reader (among Wiegand-26 No FC, or Wiegand-26 FC 1)
- Status (has two options: **Online** or **Offline**) – Radio button to select Reader Status.
- **In Group:** – field to select the Reader's Group (if groups are available)
- **Reader Technology:** – group of Radio buttons to select Reader Technology. Select necessary one among None, Wiegand, Mag Strip or Marlok

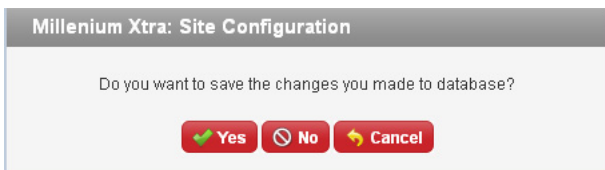
- **Reader Type:** – group of Radio buttons to select Type of current reader. Select necessary one among Door or Elevator
- **ABA Mode:** – group of Radio buttons to select ABA Mode of current reader. Select necessary one among Clock/Data, Clock/Data Inverted, or 0/1
- **Wiegand Mode:** – group of Radio buttons to select Wiegand Mode of current reader. Select necessary one among Normal or Insert
- **Keypad Combination:** – group of Radio buttons to select Keypad Combination of current reader. Select necessary one among Enabled or Disabled
- **Door Pin:** – if **Keypad Combination** is enabled, input Door Pin number here (any number between 0 and 9999)
- **Pin Only Timezone:** – if **Keypad Combination** is enabled, select Pin Only Timezone here. Select necessary value among Never, Always or 8-5pm Mon-Fri
- **Card Only Timezone:** – if **Keypad Combination** is enabled, select Card Only Timezone here. Select necessary value among Never, Always or 8-5pm Mon-Fri

Available Buttons:

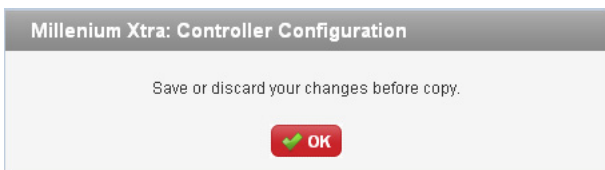
- **New** – button for creation of a new Reader. Press this button to create the new Reader.
- **Copy** – button to copy screen data for another Reader
- **Save** – button for saving changes for the current screen
- **Delete** – button for removal of selected Reader
- **Cancel** – cancels changes made for the current screen.

Select Reader using “All Readers” tree in the left-side part of a screen. Enter necessary data into corresponding fields. Press Save button to save changes for the selected Reader. Press Cancel button to cancel changes for the selected Reader.

Press New button to create the record for new Reader in the Millenium Xtra System. Previous data on your screen should be saved or discarded before this operation:



Press Copy button to create the record for new Reader in the Millenium Xtra System using already entered data (which are displayed on your screen). Previous data on your screen should be saved or discarded before this operation:





## Hardware Configuration - Input Configuration

Input Configuration Tab is necessary to configure available inputs in the Millenium Xtra System. Any necessary input may be easily found using “All Inputs” tree in the left-side part of a screen.

Available Fields and Controls:

- **Input Name:** field to input the Name for the Input
- Status (has two options: **Online** or **Offline**) – Radio button to select Input Status.
- **Address:** – field to input the Address for the Input (from 1 to 7)
- **Input Type:** – field to select the Type of the Input (Door or Elevator)
- **Assigned to Door:** – field to input the Door for the Input (if input has Door Type)
- **Assigned to Elevator:** – field to input the Elevator for the Input (if input has Elevator Type)
- **In Group:** – field to select the Input’s Group (if groups are available)
- **Assigned to Controller:** – field to select the Controller for the Input

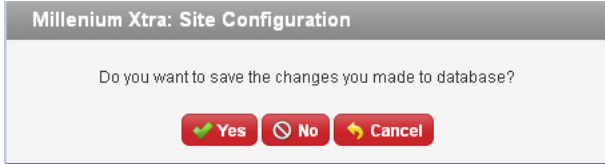
- **Alarm Point Properties** – group of controls below, which refers to properties of alarm point. Includes Ignore Timezone, Shunt Delay, Mode, Ajar Time, Priority parameters.
- **Ignore Timezone:** – field to select the Timezone parameters ignoring for the current Input - Newer, Always, on working hours only (8AM - 5 PM Mon-Fri)
- **Shunt Delay (sec.):** – field to select Shunt Delay value (from 0 to 255) for the current Input, in seconds
- **Mode:** – field to input mode for the current Input
- **Ajar Time (min.):** – field to select Ajar Time value (from 0 to 255) for the current Input, in minutes
- **Priority:** – field to select priority for the current Input (absolute number from 0 to 100)

Available Buttons:

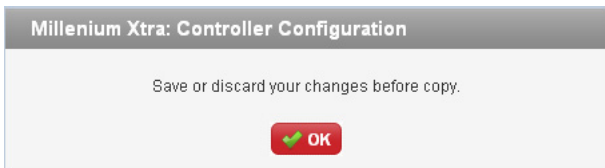
- **New** – button for creation of a new Input. Press this button to create the new Input.
- **Copy** – button to copy screen data for another Input
- **Save** – button for saving changes for the current screen
- **Delete** – button for removal of selected Input
- **Cancel** – cancels changes made for the current screen.

Select Input using “All Inputs” tree in the left-side part of a screen. Enter necessary data into corresponding fields. Press Save button to save changes for the selected Input. Press Cancel button to cancel changes for the selected Input.

Press New button to create the record for the new Input in the Millenium Xtra System. Previous data on your screen should be saved or discarded before this operation:



Press Copy button to create the record for new Input in the Millenium Xtra System using already entered data (which are displayed on your screen). Previous data on your screen should be saved or discarded before this operation:



## Hardware Configuration - RCD

RCD Tab is necessary to configure available RCDs in the Millenium Xtra System. All available RCDs may be easily found using “All RCDs” tree in the left-side part of a screen.

Available Fields and Controls:

- **RCD Name:** field to input the Name for the RCD. Empty value causes an error “**Name is empty**”
- **Assigned to Controller:** field to select corresponding RCD Controller (Among available RCD or DCD controllers). Empty value causes an error “**Controller is empty**”
- **Address:** field to input the address of RCD (value between 0 and 9)

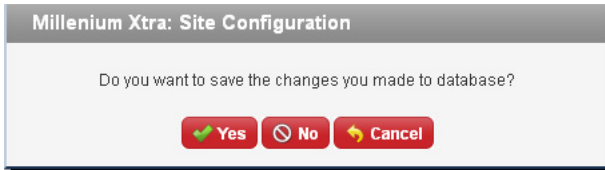
Available Buttons:

- **New** – button for creation of a new RCD. Press this button to create the new RCD.
- **Copy** – button to copy screen data for another RCD
- **Save** – button for saving changes for the current screen

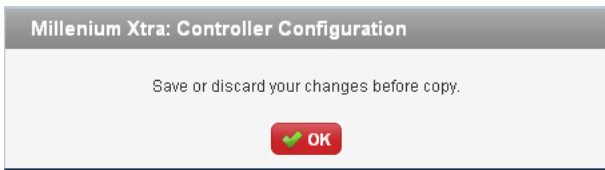
- **Delete** – button for removal of selected RCD
- **Cancel** – cancels changes made for the current screen.

Select RCD using “All RCDs” tree in the left-side part of a screen. Enter necessary data into corresponding fields. Press Save button to save changes for the selected RCD. Press Cancel button to cancel changes for the selected RCD.

Press New button to create the record for new RCD in the Millenium Xtra System. Previous data on your screen should be saved or discarded before this operation:



Press Copy button to create the record for RCD in the Millenium Xtra System using already entered data (which are displayed on your screen). Previous data on your screen should be saved or discarded before this operation:



## Hardware Configuration - Output Configuration

Output Configuration Tab is necessary to configure available outputs in the Millenium Xtra System. Any necessary output may be easily found using “All Outputs” tree in the left-side part of a screen.

Available Fields and Controls:

- **Output Name:** field to input the Name for the Output
- **Address:** – field to input the Address for the Output (from 0 to 7)
- **Mode:** – field to input mode for the current Output. Select among Timed Release, Timed Activation, Timezone Activation, Alarm Latch, First Event Activation, First Event Release
- **Timezone:** field to select the Timezone for the current Output – Newer, Always, on working hours only (8AM–5PM Mon–Fri)
- **Output Type:** – field to select the Type of the Input (Door or Elevator)
- **In Group:** – field to select the Output’s Group (if groups are available)

- **Assigned to RCD:** – field to input the RCD for the current Output. Select necessary RCD among available ones.
- **Time (seconds):** – field to input the activity time for the Output (in seconds)
- **Devices List** – window for selection of appropriate DCD and RCD devices for the current output (See the description below).
- **Events List** – window for selection of appropriate events for the current output (See the description below).

Devices List – here all available DCD and RCD devices with checkboxes are displayed. Check or uncheck checkboxes only for those devices which are correlated with the current Output.

Events List – here all available events (which may be correlated with the current Output) with checkboxes are displayed. Check or uncheck checkboxes only for those events which are correlated with the current Output. Full list of possible events is presented below:

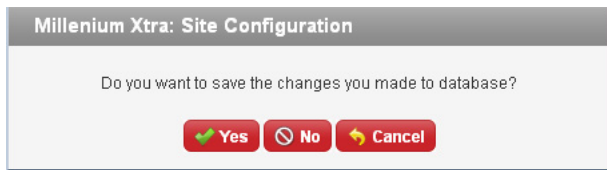
Tamper Alarm, Tamper Alarm Reset, Alarm 1 Triggered, Alarm 1 Reset, Alarm 2 Triggered, Alarm 2 Reset, Alarm 3 Triggered, Alarm 3 Reset, Alarm 4 Triggered, Alarm 4 Reset, Alarm 5 Triggered, Alarm 5 Reset, Alarm 6 Triggered, Alarm 6 Reset, Alarm 7 Triggered, Alarm 7 Reset, Alarm 1 Opened, Alarm 2 Opened, Alarm 3 Opened, Alarm 4 Opened, Alarm 5 Opened, Alarm 6 Opened, Alarm 7 Opened, Alarm 1 Shorted, Alarm 2 Shorted, Alarm 3 Shorted, Alarm 4 Shorted, Alarm 5 Shorted, Alarm 6 Shorted, Alarm 7 Shorted, Unlock, Invalid User, Invalid Time, Passback Reject, Request to Exit, Remote Unlock, Bypass, Bypass Reset, Polling Failed, Polling Restored, Door Ajar.

Available Buttons:

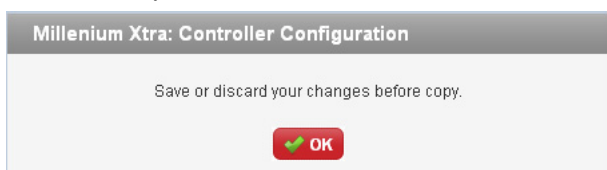
- **New** – button for creation of a new Controller. Press this button to create the new Controller.
- **Copy** – button to copy screen data for another Controller
- **Save** – button for saving changes for the current screen
- **Delete** – button for removal of selected Controller
- **Cancel** – cancels changes made for the current screen.

Select Input using “All Outputs” tree in the left-side part of a screen. Enter necessary data into corresponding fields. Press Save button to save changes for the selected Output. Press Cancel button to cancel changes for the selected Output.

Press New button to create the record for new Output in the Millenium Xtra System. Previous data on your screen should be saved or discarded before this operation:

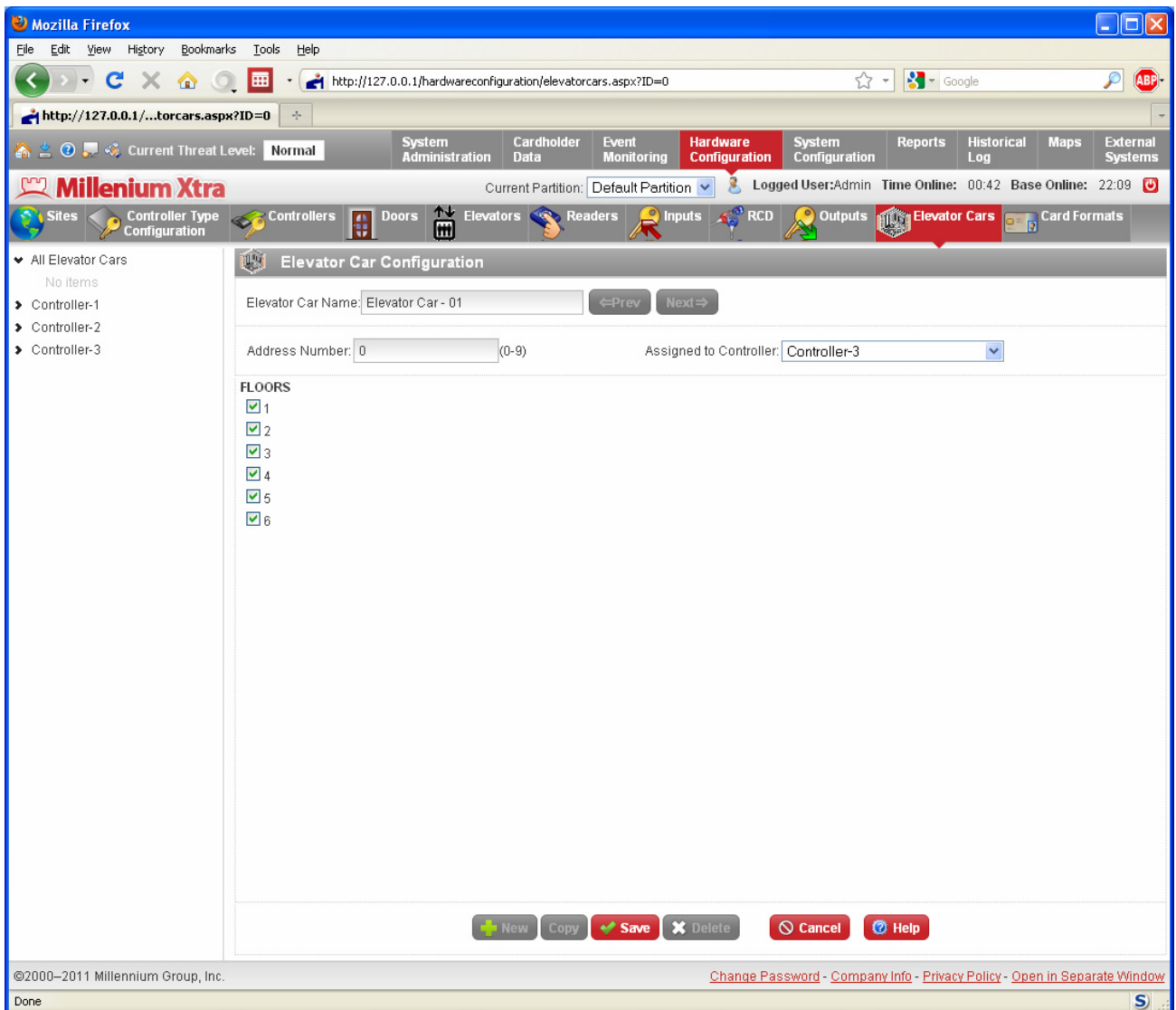


Press Copy button to create the record for new Output in the Millenium Xtra System using already entered data (which are displayed on your screen). Previous data on your screen should be saved or discarded before this operation:



**Note.** Supervisor Relayed Oututs (Outputs with Super Visor mode) could not be edited, copied or removed.

## Hardware Configuration - Elevator Cars



Elevator Cars Tab is necessary to configure available Elevator Cars in the Millenium Xtra System. All available Elevator Cars may be easily found using “All Elevator Cars” tree in the left-side part of a screen.

Available Fields and Controls:

- **Elevator Car Name:** field to input the Name for the Elevator Car
- **Address Number:** field to input the Address Number for the Elevator Car (between 0 and 9). Any other input value causes an error “**Address Number is wrong**”
- **Assigned to Controller:** field to select DCD controller (among available in the Millenium Xtra System)
- **Floors:** window which displays assigned floors for the current Elevator Car.

Available Buttons:

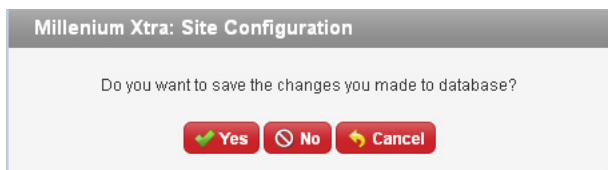
- **New** – button for creation of a new Elevator Car. Press this button to create the new Elevator Car.
- **Copy** – button to copy screen data for another Elevator Car



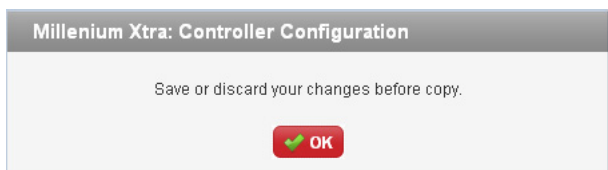
- **Save** – button for saving changes for the current screen
- **Delete** – button for removal of selected Elevator Car
- **Cancel** – cancels changes made for the current screen.

Select Elevator Car using “All Elevator Cars” tree in the left-side part of a screen. Enter necessary data into corresponding fields. Press Save button to save changes for the selected Elevator Car. Press Cancel button to cancel changes for the selected Elevator Car.

Press New button to create the record for new Elevator Car in the Millenium Xtra System. Previous data on your screen should be saved or discarded before this operation:



Press Copy button to create the record for Elevator Car in the Millenium Xtra System using already entered data (which are displayed on your screen). Previous data on your screen should be saved or discarded before this operation:



## Hardware Configuration - Card Formats

Card Formats - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://127.0.0.1/hardwareconfiguration/cardformats.aspx?ID=1

Card Formats

Current Threat Level: Normal

System Administration Cardholder Data Event Monitoring **Hardware Configuration** System Configuration Reports Historical Log Maps External Systems

Millenium Xtra

Current Partition: Default Partition Logged User: Admin Time Online: 00:41 Base Online: 22:07

Sites Controller Type Configuration Controllers Doors Elevators Readers Inputs RCD Outputs Elevator Cars **Card Formats**

▼ All Card Formats

► Wiegand 26 FC 1

Wiegand 26 No FC

Card Formats

Card Format Name: Wiegand 26 FC 1

← Prev Next →

CARD CHARACTERISTICS

☒ Wiegand ☐ Magnetic

Facility ID Size: 8

User ID Size: 16

Card Format: eEEEEEEEEEEEE000000000000

+ New Copy Save Delete Cancel Help

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Done

Card Formats Tab is necessary to configure available Card Configurations in the Millenium Xtra System. All available card formats may be easily found using “All Card Formats” tree in the left-side part of a screen.

Available Fields and Controls:

- **Card Format Name:** field to input the Name for the Card Format
- **Card Characteristics** – group of controls to assign Card Format characteristics
- **Card Characteristics** – set of two Radio buttons to select various characteristics of a card. Select one among these features: Magnetic, Wiegand.
- **Facility ID Size:** field to input the Facility ID Size (between 0 and 65535, see **Data Formats** below)
- **User ID Size:** field to input the User ID Size (between 0 and 65535, see **Data Formats** below)
- **Parity Check Format:** field to input the the Parity Check Format (see **Data Formats** below)

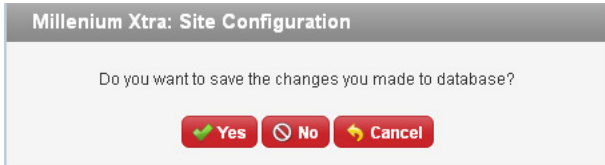
Available Buttons:

- **New** – button for creation of a new Card Format. Press this button to create the new Card Format.

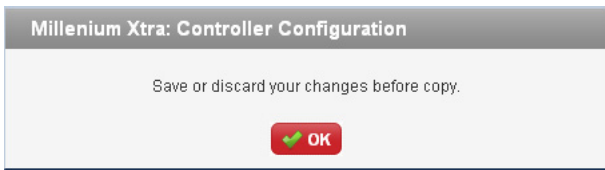
- **Copy** – button to copy screen data for another Card Format
- **Save** – button for saving changes for the current screen
- **Delete** – button for removal of selected Card Format
- **Cancel** – cancels changes made for the current screen.

Select Card Format using “All Card Formats” tree in the left-side part of a screen. Enter necessary data into corresponding fields. Press Save button to save changes for the selected Card Format. Press Cancel button to cancel changes for the selected Card Format.

Press New button to create the record for new controller in the Millenium Xtra System. Previous data on your screen should be saved or discarded before this operation:



Press Copy button to create the record for Card Format in the Millenium Xtra System using already entered data (which are displayed on your screen). Previous data on your screen should be saved or discarded before this operation:



## Data Formats

Wiegand is a standard card reader technology that describes data output from a reader. Wiegand has evolved into one the standard interfaces for access code data formats. Wiegand outputs bit patterns.

The standard 26-bit Wiegand format is the default used in the Millenium Xtra System. (Any other data bit output – Data Format – either 37-bit or custom, must be recorded, exactly, in the Millenium Xtra System)

Bit = smallest bit of information a computer can discern.

Byte = 8 bits of information

NOTE: Wiegand output has two mode settings.

- Normal is the standard mode where the device reads the data bit code without regard for the direction in which the card is used. (Includes Proximity card and Touch chip readers.)
- Insert mode is for devices that read the data bit code as the card is removed from the reader.

## DATA FORMAT options:

Wiegand (default):

**eEEEEEEEEEEEEEOOOOOOOOOOo**

Above default shows 12 EVEN parity-making data bits & 12 ODD parity-making data bits.

An EVEN parity leader (“e”) and an ODD parity trailer (“o”) mean the respective data bits go through a parity calculation for verification. Parity is required for 26-bit Wiegand.

### Parity Check (to verify data:)

- EVEN parity leader ("e")
- ODD parity trailer ("o")

**DISPLAY FORMAT options:**

- 5 display option:
- 8 facility code bits, and
- 16 ID code bits

**Card data output:**

- byte
- bytes

**Code displayed in software:**

- 256 different codes (0-255)
- 65,536 different codes (0-65,535) within each facility code

The DATA FORMAT above will produce the 3-5 decimal format access code if you retain the default **bbb-bbbbbb** DISPLAY FORMAT.

### Hex display options:

- 6 hexadecimal characters (0-9 and A-F)

The DATA FORMAT above will produce the 6-character hex access code if you record the six Hex character (**HHHHHH**) DISPLAY FORMAT.

**NOTE:** Dallas Touch readers require this HEX display option. Dallas keys will vary from 6 to 8 or 10 H characters, depending on the chip.

**NOTE:** Remember, if you use Hexadecimal Display format required by Dallas Touch/chip keys, you will not be able to read the number on the User card. Be sure that you have entered the number correctly and that you maintain an accurate list of all the numbers elsewhere

**Decimal display option:**

- 8 decimal digits (0-9)

Code displayed in software:

The DATA FORMAT above will produce the 8-decimal access code if you record the **DDDDDDDD** DISPLAY FORMAT.

### Custom Wiegand:

- (greater than 26-bit Wiegand)

DATA FORMATS for custom Wiegand may or may not use PARITY bits.

A custom Wiegand would be required for 3-5 displays with facility codes greater than 255.

37-bit or custom, must be recorded exactly in the Millenium Xtra System.

Normally, on proximity type cards, the first and last bit are ignored for custom formats.

Example 37 bit: .NNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNN.

This format has 35 bits of data and two parity bits, which are ignored. You would choose the second radio button- Decimal Wiegand, which would display the card number in decimal.

The letter "**N**" means read data bit, the period (.) means ignore data bit.

**Important!**

Data formats for each type of card (other than cards supplied by the Millenium Xtra System) are proprietary and are not the responsibility of the Millenium Xtra System. Please contact the vendor/manufacturer of the cards for exact specifications to ensure that you are using the correct format.

## Maps

The screenshot shows a web browser window titled "Device Tree - Mozilla Firefox" with the address bar displaying "http://127.0.0.1/Maps/". The browser's menu bar includes File, Edit, View, History, Bookmarks, Tools, and Help. Below the browser window is the application interface for "Millenium Xtra". The top navigation bar contains several tabs: "Current Threat Level: Normal", "System Administration", "Cardholder Data", "Event Monitoring", "Hardware Configuration", "System Configuration", "Reports", "Historical Log", "Maps" (which is highlighted with a red arrow), and "External Systems". Below this, a status bar shows "Current Partition: Default Partition", "Logged User: Admin", "Time Online: 00:45", and "Base Online: 22:11". The main content area is titled "Device Tree" and displays a hierarchical tree structure under the heading "Site: Site-1 Communication". The tree includes three controllers, each with associated doors, readers, inputs, RCDs, and relays. A red box highlights the "Controller-3" node. A "Help" button is located at the bottom right of the tree view. The footer of the application shows copyright information "©2000-2011 Millennium Group, Inc." and links for "Change Password", "Company Info", "Privacy Policy", and "Open in Separate Window".

Maps menu includes following submenus:

- **Device Tree**
- **Partitions Tree**
- **Floors Map**

## Maps - Device Tree

Device Tree - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://127.0.0.1/Maps/

Device Tree

Current Threat Level: Normal

System Administration Cardholder Data Event Monitoring Hardware Configuration System Configuration Reports Historical Log Maps External Systems

Millenium Xtra

Current Partition: Default Partition

Logged User: Admin Time Online: 00:47 Base Online: 22:13

Device Tree Partitions Tree Floors Map

Device Tree

Site: Site-1 Communication

- Controller: Controller-1
  - Door: Controller-1-Door-1
    - Reader: Controller-1-Reader-1
  - Door: Controller-1-Door-2
    - Reader: Controller-1-Reader-2
  - Input: Controller-1-Inp-3
  - Input: Controller-1-Inp-4
  - RCD: Controller-1-RCD-1
    - Output: Controller-1-RCD-1 Supervisor Relay
  - Input: Controller-1-Inp-1
  - Input: Controller-1-Inp-2
- Controller: Controller-2
  - Door: Controller-2-Door-1
    - Reader: Controller-2-Reader-1
  - Input: Controller-2-Inp-1
  - Input: Controller-2-Inp-2
  - RCD: Controller-2-RCD-1
    - Output: Controller-2-RCD-1 Supervisor Relay
- Controller: Controller-3
  - Reader: Controller-3-Reader-1
  - Elevator: Elevator-2
  - Elevator Car: Elevator Car - 01

OPERATOR COMMANDS

Activate De-activate Pulse

DEVICE STATUS

Status Name	Current Status
Output Status	Activated (500)

Help

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Done

**Map – Devices Tree** section allows viewing current Millenium Xtra System devices tree in a convenient, tree-like mode.

Use **Devices Tree** to easily navigate between Millenium Xtra System devices (objects) - sites, controllers, readers, doors, elevators, elevator cars, RCDs, inputs and outputs. Any end device (when it is selected by clicking within the tree), shows the corresponding device status in right-side part of a screen. There is a table of statuses here, which has two columns: Status Name and Current Status. The Millenium Xtra System Operator also has the ability to send operator commands to selected end device. Depending on what type of devices is selected, there are different sets of buttons for sending operator commands. These sets of buttons are described below:

**A)** Available operator commands (buttons) for DCD **Controllers** and **Readers** are:

Device Tree - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://127.0.0.1/Maps/

Device Tree

Current Threat Level: **Normal**

System Administration Cardholder Data Event Monitoring Hardware Configuration System Configuration Reports Historical Log **Maps** External Systems

Millenium Xtra

Current Partition: Default Partition Logged User: Admin Time Online: 00:51 Base Online: 22:17

Device Tree Partitions Tree Floors Map

Device Tree

Site: Site-1 Communication

- Controller: Controller-1
  - Door: Controller-1-Door-1
    - Reader: Controller-1-Reader-1
  - Door: Controller-1-Door-2
    - Reader: Controller-1-Reader-2
  - Input: Controller-1-Inp-3
  - Input: Controller-1-Inp-4
  - RCD: Controller-1-RCD-1
    - Output: Controller-1-RCD-1 Supervisor Relay
  - Input: Controller-1-Inp-1
  - Input: Controller-1-Inp-2
- Controller: Controller-2
  - Door: Controller-2-Door-1
    - Reader: Controller-2-Reader-1
  - Input: Controller-2-Inp-1
  - Input: Controller-2-Inp-2
  - RCD: Controller-2-RCD-1
    - Output: Controller-2-RCD-1 Supervisor Relay
- Controller: Controller-3
  - Reader: Controller-3-Reader-1
  - Elevator: Elevator-2
  - Elevator Car: Elevator Car - 01

OPERATOR COMMANDS

Activate De-activate Pulse

DEVICE STATUS

Status Name	Current Status
Output Status	Activated (500)

Help

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Done

- Online
- Offline

**B)** Available operator commands (buttons) for **Inputs** are:



Device Tree - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://127.0.0.1/Maps/

Device Tree

Current Threat Level: **Normal**

System Administration Cardholder Data Event Monitoring Hardware Configuration System Configuration Reports Historical Log **Maps** External Systems

Current Partition: Default Partition Logged User: Admin Time Online: 00:49 Base Online: 22:15

Device Tree Partitions Tree Floors Map

Device Tree

Site: Site-1 Communication

- Controller: Controller-1
  - Door: Controller-1-Door-1
    - Reader: Controller-1-Reader-1
  - Door: Controller-1-Door-2
    - Reader: Controller-1-Reader-2
    - Input: Controller-1-Inp-3**
    - Input: Controller-1-Inp-4
  - RCD: Controller-1-RCD-1
    - Output: Controller-1-RCD-1 Supervisor Relay
  - Input: Controller-1-Inp-1
  - Input: Controller-1-Inp-2
- Controller: Controller-2
  - Door: Controller-2-Door-1
    - Reader: Controller-2-Reader-1
  - Input: Controller-2-Inp-1
  - Input: Controller-2-Inp-2
  - RCD: Controller-2-RCD-1
    - Output: Controller-2-RCD-1 Supervisor Relay
- Controller: Controller-3
  - Reader: Controller-3-Reader-1
  - Elevator: Elevator-2
  - Elevator Car: Elevator Car - 01

OPERATOR COMMANDS

**Online Offline Shunt Clear Shunt**

DEVICE STATUS

Status Name	Current Status

Help

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Done

- **Online**
- **Offline**
- **Shunt**
- **Clear Shunt**

**C)** Available operator commands (buttons) for **Outputs** are:

Device Tree - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://127.0.0.1/Maps/

Device Tree

Current Threat Level: **Normal**

System Administration Cardholder Data Event Monitoring Hardware Configuration System Configuration Reports Historical Log **Maps** External Systems

Millenium Xtra

Current Partition: Default Partition Logged User: Admin Time Online: 00:51 Base Online: 22:17

Device Tree Partitions Tree Floors Map

Device Tree

Site: Site-1 Communication

- Controller: Controller-1
  - Door: Controller-1-Door-1
    - Reader: Controller-1-Reader-1
  - Door: Controller-1-Door-2
    - Reader: Controller-1-Reader-2
  - Input: Controller-1-Inp-3
  - Input: Controller-1-Inp-4
  - RCD: Controller-1-RCD-1
    - Output: Controller-1-RCD-1 Supervisor Relay
  - Input: Controller-1-Inp-1
  - Input: Controller-1-Inp-2
- Controller: Controller-2
  - Door: Controller-2-Door-1
    - Reader: Controller-2-Reader-1
  - Input: Controller-2-Inp-1
  - Input: Controller-2-Inp-2
  - RCD: Controller-2-RCD-1
    - Output: Controller-2-RCD-1 Supervisor Relay
- Controller: Controller-3
  - Reader: Controller-3-Reader-1
  - Elevator: Elevator-2
  - Elevator Car: Elevator Car - 01

OPERATOR COMMANDS

Activate De-activate Pulse

DEVICE STATUS

Status Name	Current Status
Output Status	Activated (500)

Help

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Done

- **Activate**
- **De-Activate**
- **Pulse**

**D)** Available operator commands (buttons) for **Doors** are:

Device Tree - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://127.0.0.1/Maps/

Device Tree

Current Threat Level: **Normal** System Administration Cardholder Data Event Monitoring Hardware Configuration System Configuration Reports Historical Log **Maps** External Systems

Current Partition: Default Partition Logged User: Admin Time Online: 00:53 Base Online: 22:19

Device Tree Partitions Tree Floors Map

Device Tree

Site: Site-1 Communication

- Controller: Controller-1
  - Door: Controller-1-Door-1
    - Reader: Controller-1-Reader-1
  - Door: Controller-1-Door-2
    - Reader: Controller-1-Reader-2
    - Input: Controller-1-Inp-3
    - Input: Controller-1-Inp-4
  - RCD: Controller-1-RCD-1
    - Output: Controller-1-RCD-1 Supervisor Relay
    - Input: Controller-1-Inp-1
    - Input: Controller-1-Inp-2
- Controller: Controller-2
  - Door: Controller-2-Door-1
    - Reader: Controller-2-Reader-1
    - Input: Controller-2-Inp-1
    - Input: Controller-2-Inp-2
  - RCD: Controller-2-RCD-1
    - Output: Controller-2-RCD-1 Supervisor Relay
- Controller: Controller-3
  - Reader: Controller-3-Reader-1
  - Elevator: Elevator-2
  - Elevator Car: Elevator Car - 01

OPERATOR COMMANDS

**Normal Lock Unlock Momentary Forgive APB**

DEVICE STATUS

Status Name	Current Status
Door Control Status	Operator command failed: Momentary Forgive APB (204)

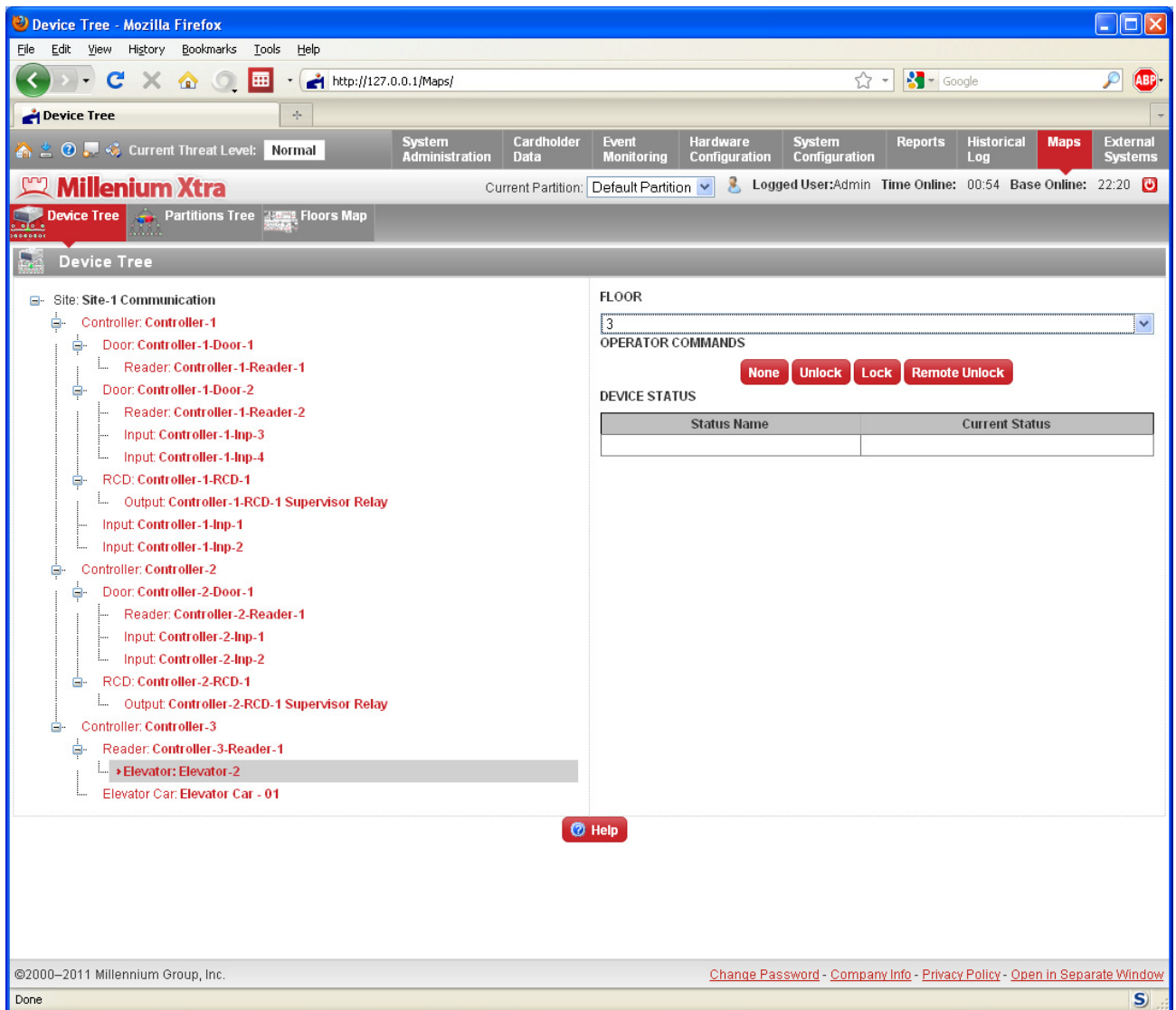
Help

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Done

- **Normal**
- **Lock**
- **Unlock**
- **Momentary**
- **Forgive APB**

**E)** Available operator commands (buttons) for **Elevators** are:



- None
- Unlock
- Lock
- Remote Unlock

**Note:** Choose the required floor before sending any operator command.  
Only after this abovementioned four buttons will appear.

**F)** Available operator commands (buttons) for **Elevator Cars** are:

Device Tree - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://127.0.0.1/Maps/

Device Tree

Current Threat Level: Normal

System Administration Cardholder Data Event Monitoring Hardware Configuration System Configuration Reports Historical Log Maps External Systems

Current Partition: Default Partition Logged User: Admin Time Online: 00:54 Base Online: 22:20

Device Tree Partitions Tree Floors Map

### Device Tree

Site: Site-1 Communication

- Controller: Controller-1
  - Door: Controller-1-Door-1
    - Reader: Controller-1-Reader-1
  - Door: Controller-1-Door-2
    - Reader: Controller-1-Reader-2
  - Input: Controller-1-Inp-3
  - Input: Controller-1-Inp-4
  - RCD: Controller-1-RCD-1
    - Output: Controller-1-RCD-1 Supervisor Relay
  - Input: Controller-1-Inp-1
  - Input: Controller-1-Inp-2
- Controller: Controller-2
  - Door: Controller-2-Door-1
    - Reader: Controller-2-Reader-1
  - Input: Controller-2-Inp-1
  - Input: Controller-2-Inp-2
  - RCD: Controller-2-RCD-1
    - Output: Controller-2-RCD-1 Supervisor Relay
- Controller: Controller-3
  - Reader: Controller-3-Reader-1
  - Elevator: Elevator-2
    - Elevator Car: Elevator Car - 01

Status Name	Current Status

Help

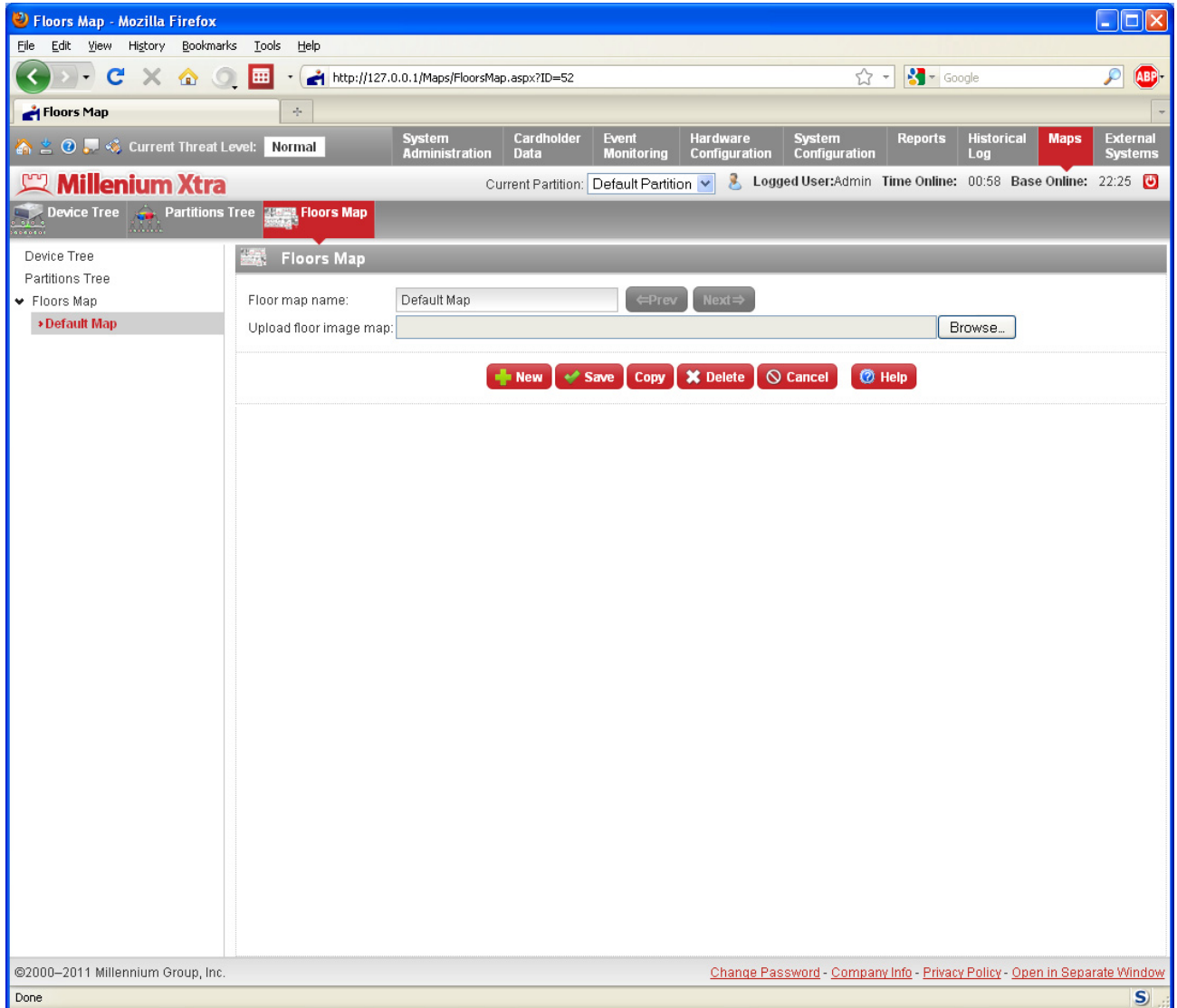
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Done

- operator commands (buttons) for Elevator Cars are not available.

**Note:** Only device statuses are available for this kind of devices.

## Maps - Floors Map



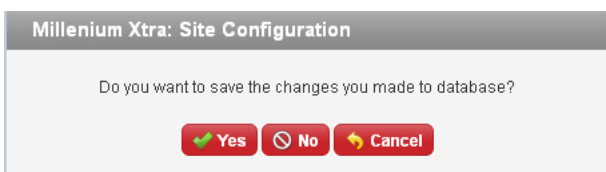
Floors Map shows all Millenium Xtra System floors in obvious, convenient form. Underlying bitmaps (graphic files) may be used for best visual representation.

### Available Buttons:

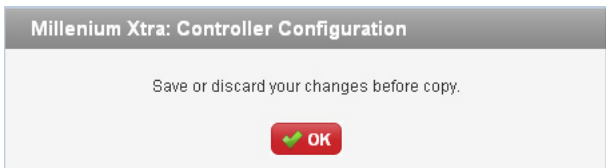
- **+New** – button for creation of a new Floor Map. Press this button to create the new Floor Map.
- **Save** – button for saving changes for the current screen
- **Copy** – button to copy screen data for another Floor Map
- **Delete** – button for removal of selected Floor Map
- **Cancel** – cancels changes made for the current screen.

Select Floor Map using “Floors Map” tree in the left-side part of a screen. Enter necessary data into corresponding fields. Press **Save** button to save changes for the selected Floor Map. Press **Cancel** button to cancel changes for the selected Floor Map.

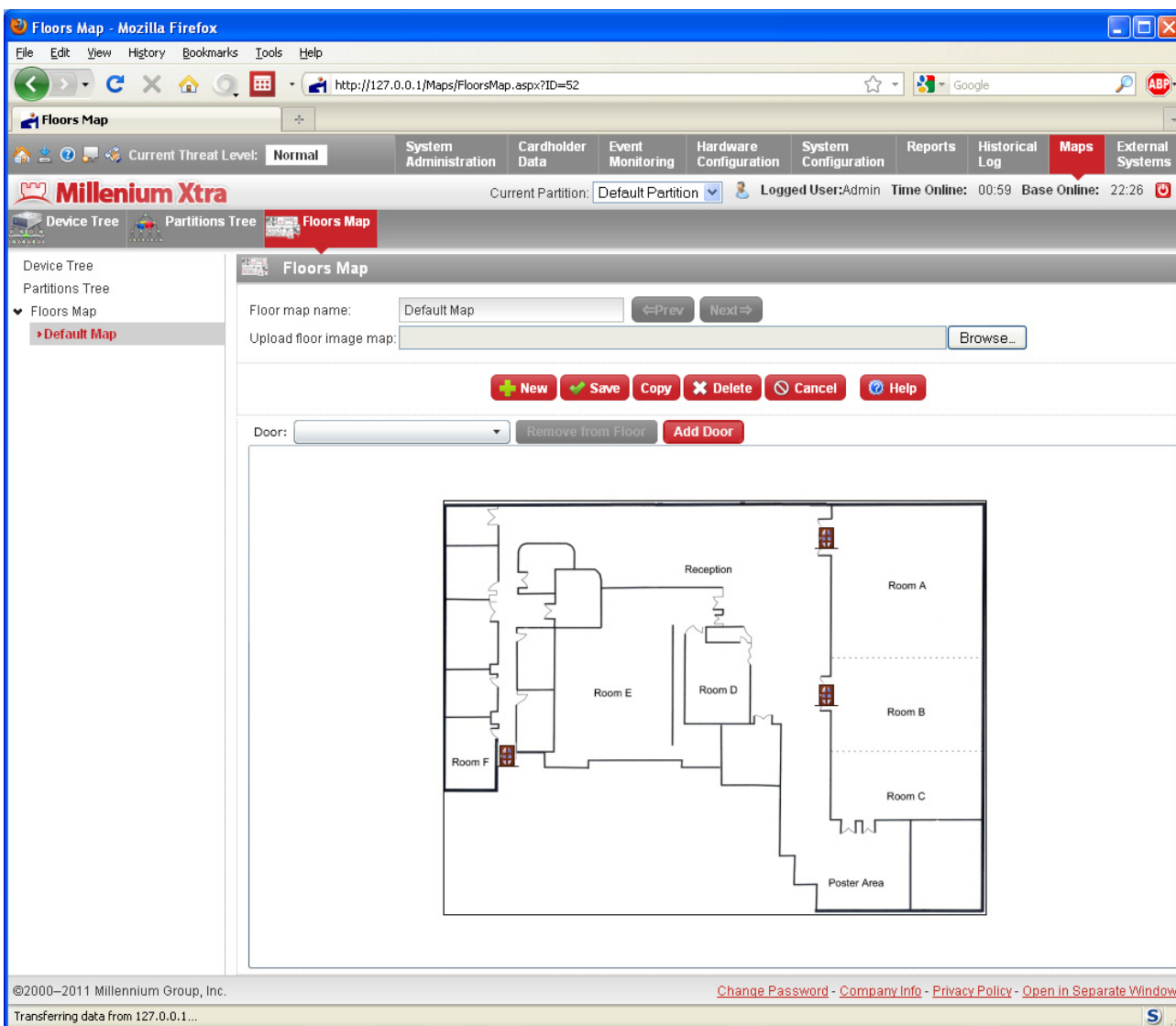
Press **New** button to create the record for new Floor Map in the Millenium Xtra System. Previous data on your screen should be saved or discarded before this operation:



Press **Copy** button to create the record for Floor Map in the Millenium Xtra System using already entered data (which are displayed on your screen). Previous data on your screen should be saved or discarded before this operation:



### Quick guide for creation of Floor Maps and doors placement:



To create a **Floor Map**, upload corresponding **bitmap file** with floor plan, and arrange existing **Door(-s)**, proceed the following steps:



Select one of existing Floor Maps using left-side “Floors Map” tree, or press +New button to create new Floor Map.

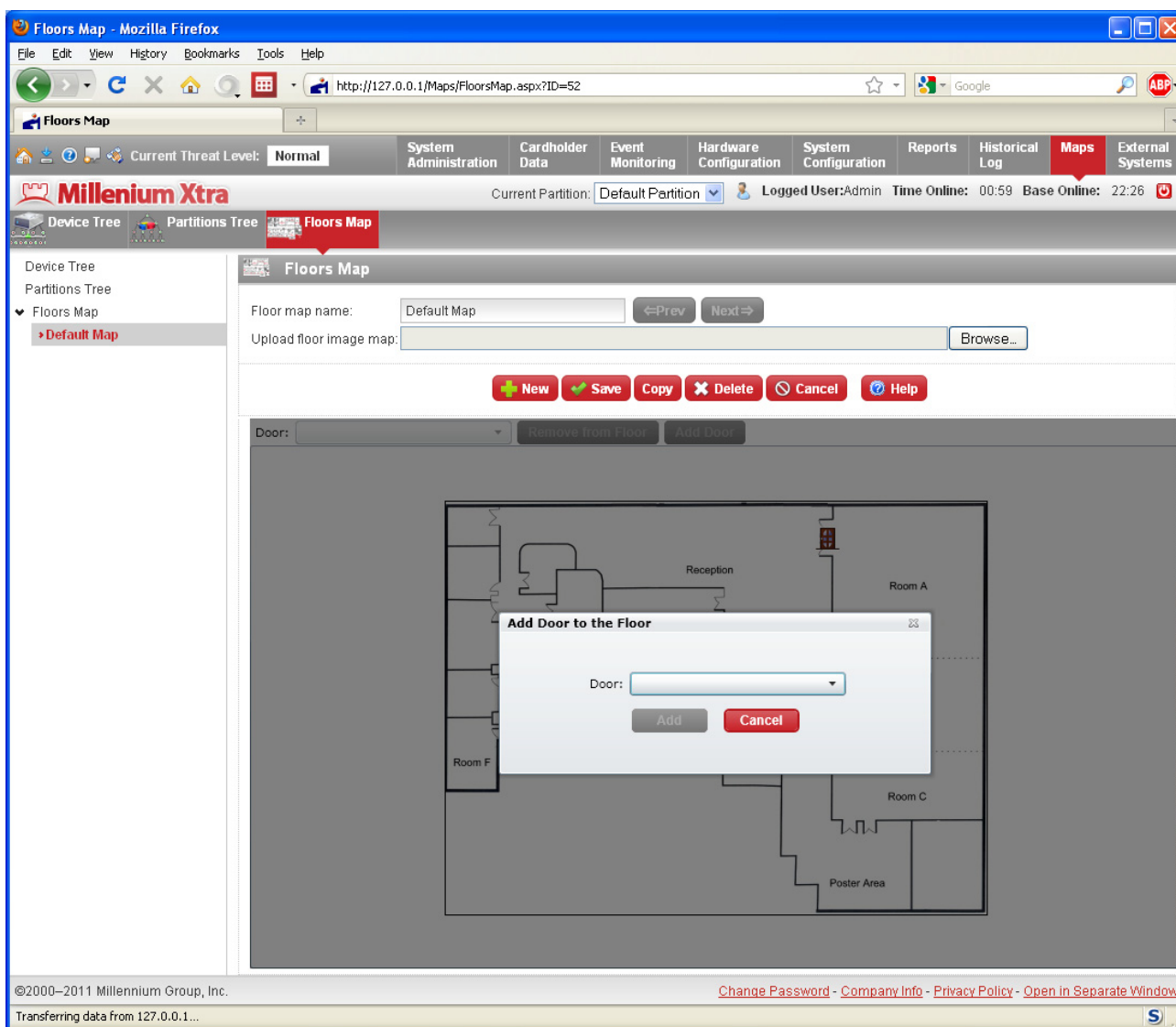
Input **Floor map name**:

**Upload floor image map**: (press grey **Browse** button and select necessary local bitmap file with floor plan)

Press **Save** button to upload bitmap file and save changes.

After saving, six new buttons, Door Selector Combo box and uploaded floor plan for the current floor will be displayed. Only one button is active now – **Add Door**.

Press **Add Door** button. Your screen will look as shown below:



Select necessary door name to be placed on a floor plan and press **Add** button.

Drag and drop Door icon to necessary place:



**Floors Map**

Floor map name:

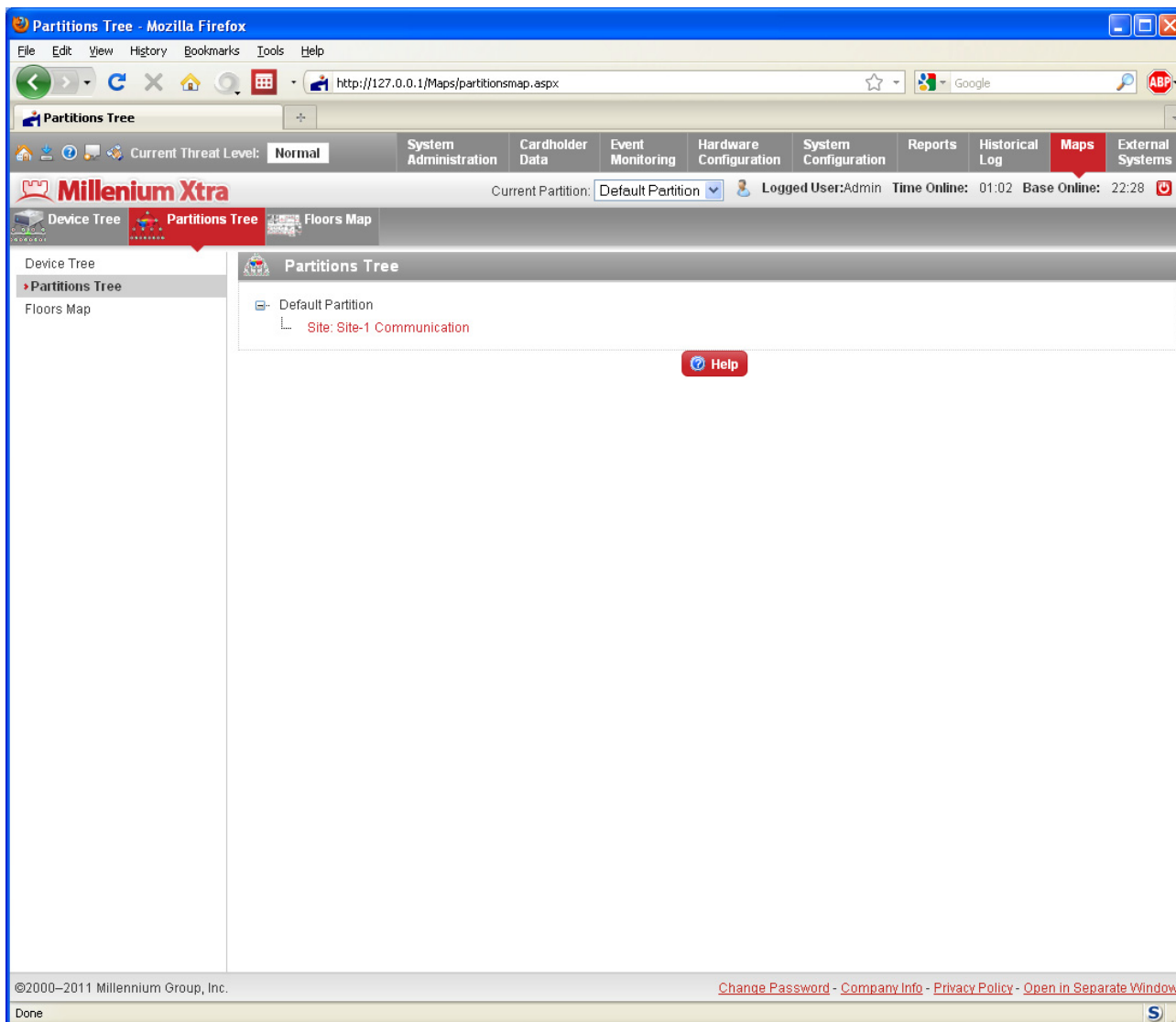
Upload floor image map:

Door:

Add another door(-s) using **Add Door** button, remove existing door(-s) using **Remove From Floor** button, or send one of Operator Commands (buttons **Lock**, **Unlock**, **Momentary**, **Forgive APB**) to any of the selected doors.

Save current Floor Map record to the Millenium Xtra Database using **Save** button.

## Maps - Partitions Tree



Partitions tree shows all available Millenium Xtra System partitions and sites in tree-like, convenient form. Conventional Partitions Tree looks like this:

### Partitions Tree :

- **Default Partition**
  - **Site: Site-1 Communication**
  - **Site: Site-2 Communication**
  - **Site: Site-3 Communication**
  - **Site: Site-4 Communication**

## Cardholder Data

Cardholder Information - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://127.0.0.1/CardholderData/Default.aspx?ID=50

Cardholder Information

Current Threat Level: Normal

System Administration **Cardholder Data** Event Monitoring Hardware Configuration System Configuration Reports Historical Log Maps External Systems

Millenium Xtra

Current Partition: Default Partition Logged User: Admin Time Online: 01:03 Base Online: 22:30

View Query Query Results Cardholder Template Custom Query Custom Query Settings

Card Information General Information Additional Information

Last Name: Alberts First Name: Frank Middle Initial: Employee ID: 1

Access Information

Card 1 Card 2 Card 3 Upload Images

Printed Card No.: 1 Active ☒ Delete Card 1

Encoded Card No.: 1 Access Level 1: Access Level 1

Activation Date: 1/1/2003 Access Level 2: No Access

Expiration Date: 1/1/2003 Access Level 3: No Access

Facility Code: 9 Access Level 4: No Access

Badge Type: Access Level 5: No Access

Card Class: Access Level 6: No Access

PIN:

Card Format: Wiegand 26 FC 1

Card memo:

Current Status: Admitted Use User Partition Template

New Copy Save Cancel Delete Batch Record Add Cardholder Report Cardholder Access Report Help

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Done

Cardholder Data menu includes following submenus:

- Cardholder Data - View
- Cardholder Data - Query
- Cardholder Data - Query Results
- Cardholder Data - Cardholder Template

## Cardholder Data - View

The screenshot shows the 'Cardholder Information' web application running in Mozilla Firefox. The browser's address bar displays the URL: `http://127.0.0.1/CardholderData/Default.aspx?ID=50`. The application's top navigation bar includes tabs for 'System Administration', 'Cardholder Data' (which is active), 'Event Monitoring', 'Hardware Configuration', 'System Configuration', 'Reports', 'Historical Log', 'Maps', and 'External Systems'. Below this, a status bar shows 'Current Threat Level: Normal', 'Current Partition: Default Partition', 'Logged User: Admin', 'Time Online: 01:03', and 'Base Online: 22:30'. The main interface features a left-hand sidebar with a tree view of cardholders, currently expanded to 'Alberts, F'. The main content area is divided into three tabs: 'Card Information' (selected), 'General Information', and 'Additional Information'. The 'Card Information' tab contains fields for 'Last Name: Alberts', 'First Name: Frank', 'Middle Initial:', and 'Employee ID: 1'. Below these are 'Access Information' fields, including 'Printed Card No.', 'Encoded Card No.', 'Activation Date', 'Expiration Date', 'Facility Code', 'Badge Type', 'Card Class', 'PIN', and 'Card Format'. To the right of these fields are 'Access Level' dropdown menus (1 through 6), all set to 'No Access'. There are also checkboxes for 'Active' and 'Use User Partition Template'. A 'Card memo' field is at the bottom. On the far right, there are two placeholder boxes for card images, both stating 'No image is available for this cardholder'. At the bottom of the form, there is a row of buttons: '+ New', 'Copy', 'Save', 'Cancel', 'Delete', '+ Batch Record Add', 'Cardholder Report', 'Cardholder Access Report', and 'Help'. The footer of the application shows the copyright '©2000–2011 Millennium Group, Inc.' and links for 'Change Password', 'Company Info', 'Privacy Policy', and 'Open in Separate Window'.

This section of the Millenium Xtra System is intended for viewing, editing, creation and removal of Cardholder Data Records.

All the information about Millenium Xtra System cardholders is stored in three tabs:

- **Card Information tab**
- **General Information tab**
- **Additional Information tab.**

## Cardholder Data - Query

This section of the Millenium Xtra System is intended for quick filtering (querying) of Cardholder Data Records.

Any record can be queried quickly and easily using conventions described below.

All available filters for Millenium Xtra System cardholders are stored in three tabs:

- **Card Information tab**
- **General Information tab**
- **Additional Information tab.**

## Cardholder Data - Query Results

**Cardholder Query Result - Mozilla Firefox**

File Edit View History Bookmarks Tools Help

http://127.0.0.1/CardholderData/QueryResults.aspx

**Cardholder Query Result**

Current Threat Level: Normal

System Administration **Cardholder Data** Event Monitoring Hardware Configuration System Configuration Reports Historical Log Maps External Systems

**Millenium Xtra**

Current Partition: Default Partition Logged User: Admin Time Online: 01:11 Base Online: 22:37

View Query **Query Results** Cardholder Template Custom Query Custom Query Settings

**Cardholder Query Results**

Employee ID	Last Name	First Name	Middle Initial	Primary Location	Employee Class	Issue Date	Employment Date	Department	Internal Phone	Supervisor	Master Area	Company E-mail
1	Alberts	Frank										
2	Daniels	Charles										

View Record Download To File Batch Delete Select All Unselect All Query Help

**Update Query Results**

Cardholder Template: Batch Record Update Help

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Done

### Available Fields:

Query Results window contain the following fields:

Employee ID, Last Name, First Name, Middle Initial, Primary Location, Employee Class, Issue Date, Employment Date, Department, Internal Phone, Supervisor, Master Area, Company E-mail, Comment 1, Parking Designation, Parking Assignment, Re-issue Date, Badge Print Date, Vehicle Model, Vehicle Year, Vehicle Color, License Plate No., Home E-mail, Comment 2, Current Status, Card 1 Printed Card No., Card 1 Encoded Card No., Card 1 Activation Date, Card 1 Expiration Date, Card 1 PIN, Card 1 Active, Card 1 Card Class, Card 1 Badge Type, Card 1 Access Level 1, Card 1 Access Level 2, Card 1 Access Level 3, Card 1 Access Level 4, Card 1 Access Level 5, Card 1 Access Level 6, Card 1 Facility Code, Card 1 Card Format, Card 2 Printed Card No., Card 2 Encoded Card No., Card 2 Activation Date, Card 2 Expiration Date, Card 2 PIN, Card 2 Active, Card 2 Card Class, Card 2 Badge Type, Card 2 Access Level 1, Card 2 Access Level 2, Card 2 Access Level 3, Card 2 Access Level 4, Card 2 Access Level 5, Card 2 Access Level 6, Card 2 Facility Code, Card 2 Card Format, Card 3 Printed Card No., Card 3 Encoded Card No., Card 3 Activation Date, Card 3 Expiration Date, Card 3 PIN, Card 3 Active, Card 3 Card Class, Card 3 Badge Type, Card 3 Access Level 1, Card 3 Access Level 2, Card 3 Access Level 3, Card 3 Access Level 4, Card 3 Access Level 5, Card 3 Access Level 6, Card 3 Facility Code, Card 3 Card Format

Last query results can be invoked by selecting this tab.

Records in a table can be selected by clicking on them.

The screen below shows some selected records (record #2):

**Cardholder Query Results**

Employee ID	Last Name	First Name	Middle Initial	Primary Location	Employee Class	Issue Date	Employment Date	Department	Internal Phone	Supervisor	Master Area	Company	E-mail
1	Alberts	Frank											
2	Daniels	Charles											

**Buttons:** View Record, Download To File, Batch Delete, Select All, Unselect All, Query, Help

**Update Query Results**

Cardholder Template:

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### Buttons:

View Record, Download To File, Batch Delete, Select All, Unselect All, Query, Batch Record Update

**View Record** button - Click on the required record in the table and press this button to view the selected record. Cardholder Data - View screen will be displayed with the Cardholder information which corresponds to the selected record.

**Download To File** button - Click on the required record(-s) in the table and press this button to save the selected record information to your local file. Popup window with supported output file formats will appear.

Supported output file formats are the following:

- Comma delimited (default)



- Tab delimited
- XML
- ADO.NET Dataset

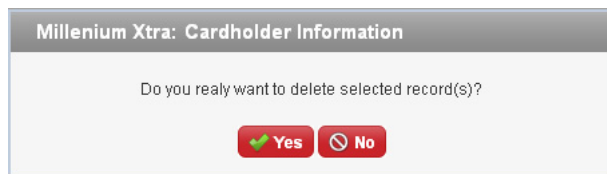
Select Radio button for the required format and press OK button. Browse for the local file name and its location, and press Enter. Cancel button cancels saving of the local file.

**Note:** Multiple records may be selected before "Download To File" operation. In this case multiple records will be saved.

**Batch Delete** button - Click on the required record(-s) in the table and press this button to delete one or more Cardholder Information records.

**Note:** Multiple records may be selected before "Batch Delete" operation. In this case multiple records will be deleted.

Popup window will appear:



Millenium Xtra: Cardholder Information

Do you really want to delete selected record(s)?

Yes No

Yes - instructs the system to delete selected record(-s).

No - cancels operation.

**Note:** This operation can not be undone if Yes button was selected. Make sure you have made backup copies for your Cardholder Information records!

**Select All** button - allows to select all of the records of the query.

**Unselect All** button - allows to unselect all of the records of the query.

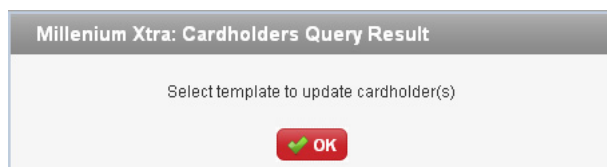
**Query** button invokes new Cardholder Data - Query Results screen and lets the Millenium Xtra Operator to provide new query criteria.

**Batch Record Update** button - allows to update selected record(-s) using the selected Cardholder Template.

Select one or more record(-s) in the table. Select necessary Cardholder Template among available (previously stored).

Press **Batch Record Update** button to update selected record(-s) using the selected Cardholder Template.

If Cardholder Template will not be selected, error popup message will appear:



Millenium Xtra: Cardholders Query Result

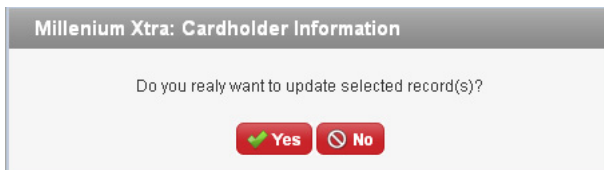
Select template to update cardholder(s)



OK

Press OK button and then select required Cardholder Template.

Normally, after pressing Batch Record Update button the next popup dialog will appear:



Millenium Xtra: Cardholder Information

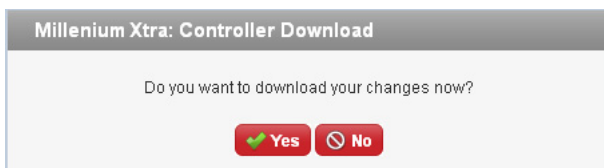
Do you really want to update selected record(s)?

Yes No

Press Yes to update selected record(s) immediately.

Press No to cancel operation.

Normally, after pressing Yes button the next popup dialog will appear:



Millenium Xtra: Controller Download

Do you want to download your changes now?

Yes No

Press Yes to download changes immediately.

Press No if immediate download of changes is not necessary.

## Cardholder Data - Cardholder Template

The screenshot displays the 'Cardholder Template' web application interface. The browser window title is 'Cardholder Template - Mozilla Firefox'. The address bar shows the URL 'http://127.0.0.1/CardholderData/CardholderTemplate.aspx?ID=0'. The application has a navigation bar with tabs: 'System Administration', 'Cardholder Data' (selected), 'Event Monitoring', 'Hardware Configuration', 'System Configuration', 'Reports', 'Historical Log', 'Maps', and 'External Systems'. Below the navigation bar, there's a status bar showing 'Current Threat Level: Normal', 'Current Partition: Default Partition', 'Logged User: Admin', 'Time Online: 01:16', and 'Base Online: 22:43'. The main content area is titled 'Cardholder Template' and contains a form with the following fields and controls:

- Template Name:** A text input field.
- Card Information:** A tabbed section with 'Card Information', 'General Information', and 'Additional Information' tabs. It contains:
  - Last Name: Text input field
  - First Name: Text input field
  - Middle Initial: Text input field
  - Employee ID: Text input field
- Access Information:** A section with a 'Card 1' tab and 'Card 2', 'Card 3' tabs. It contains:
  - Printed Card No.: Text input field
  - Encoded Card No.: Text input field
  - Activation Date: Text input field
  - Expiration Date: Text input field
  - Facility Code: Text input field
  - Badge Type: Dropdown menu
  - Card Class: Dropdown menu
  - PIN: Text input field
  - Card Format: Dropdown menu
  - Active: Dropdown menu
  - Access Level 1 through 6: Dropdown menus, all set to 'No Access'
- Card memo:** A text area.

At the bottom of the form, there are buttons: 'New', 'Copy', 'Save', 'Delete', 'Cancel', and 'Help'. The footer of the application shows '©2000–2011 Millennium Group, Inc.' and links for 'Change Password', 'Company Info', 'Privacy Policy', and 'Open in Separate Window'.

Cardholder templates are very useful for batch operations with Cardholder records, which have a lot of similar data fields (See Cardholder Data - View and Cardholder Data - Query Results sections).

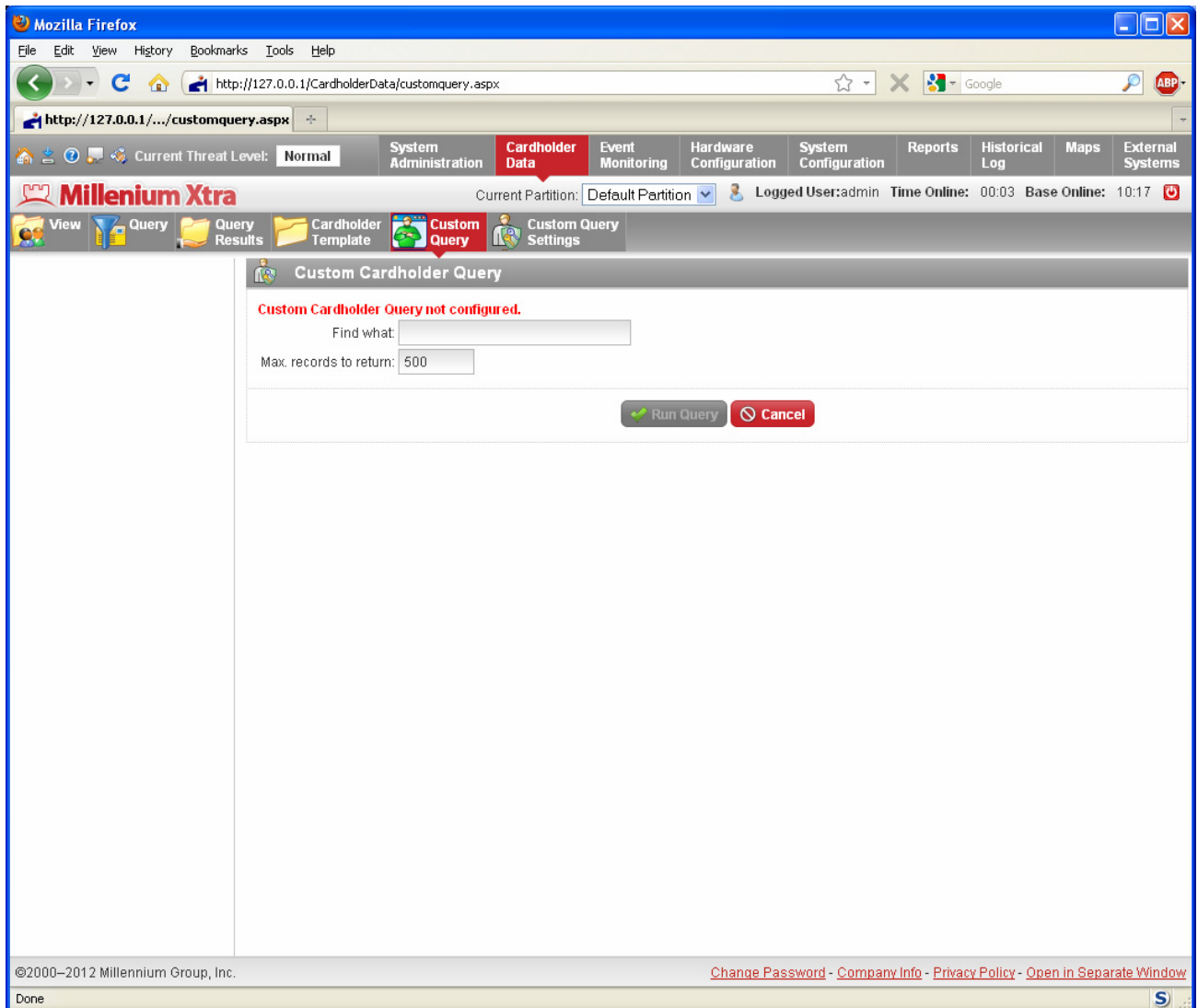
For example, multiple cardholder records of a large company may be updated in few seconds, if an appropriate Cardholder Template is previously prepared.

To prepare and save a Cardholder Template, just follow two steps:

- Enter necessary information (which is common for multiple cardholders) into corresponding fields, which are described below;
- Press Save button.

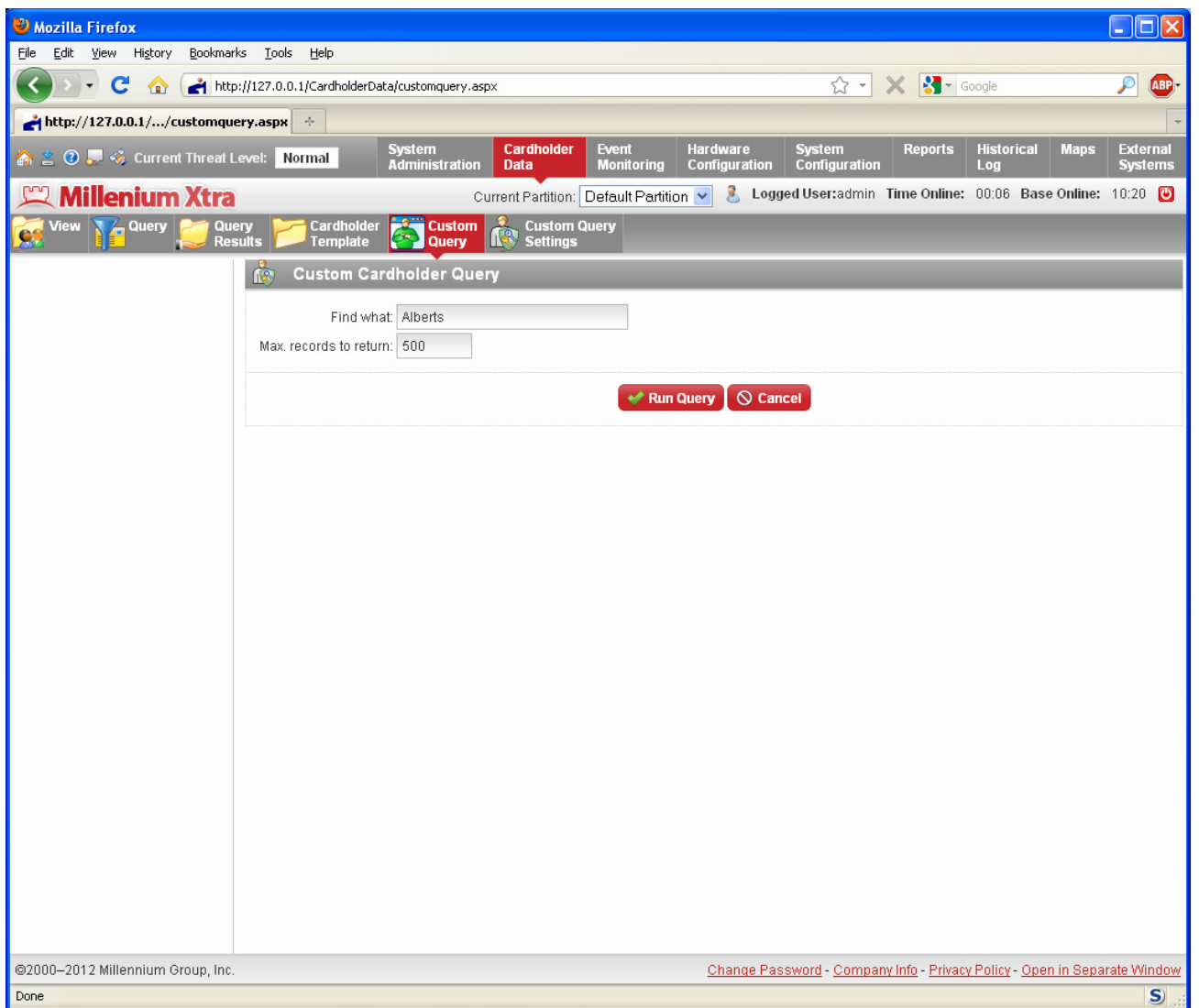
**Template Name:** - field to assign Last Name for the current Cardholder Template. This is only one required field. You may select necessary Cardholder Template only by its name later.

## Cardholder Data - Custom Query



Custom Query is required to help the Millenium Xtra Operator to find any necessary record(-s) from the Cardholders' data. To run a custom query, this query must be configured at first. To configure Custom Query Settings, proceed the instructions described at

**Cardholder Data - Custom Query Settings.** Let's configure Custom Query to find a text string in fields "First Name", "Last Name". Then type "Alberts" in "Find what" input field:



Press **Run Query** button:

Cardholder Query Result - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://127.0.0.1/CardholderData/QueryResults.aspx

Cardholder Query Result

Current Threat Level: Normal

System Administration Cardholder Data Event Monitoring Hardware Configuration System Configuration Reports Historical Log Maps External Systems

Millenium Xtra

Current Partition: Default Partition

Logged User: admin Time Online: 00:07 Base Online: 10:21

View Query Query Results Cardholder Template Custom Query Custom Query Settings

Cardholder Query Results

Employee ID	Last Name	First Name	Middle Initial	Primary Location	Employee Class	Issue Date	Employment Date	Department_1	Internal Phone	Supervisor_1	Master Area	Com
1	Alberts	Frank										

View Record Download To File Batch Delete Select All Unselect All Query Help

Update Query Results

Cardholder Template: Batch Record Update Help

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Done

Click on the required string with search results:

Cardholder Query Result - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://127.0.0.1/CardholderData/QueryResults.aspx

Cardholder Query Result

Current Threat Level: Normal

System Administration Cardholder Data Event Monitoring Hardware Configuration System Configuration Reports Historical Log Maps External Systems

Millenium Xtra

Current Partition: Default Partition

Logged User: admin Time Online: 00:08 Base Online: 10:22

View Query Query Results Cardholder Template Custom Query Custom Query Settings

Cardholder Query Results

Employee ID	Last Name	First Name	Middle Initial	Primary Location	Employee Class	Issue Date	Employment Date	Department_1	Internal Phone	Supervisor_1	Master Area	Com
1	Alberts	Frank										

View Record Download To File Batch Delete Select All Unselect All Query Help

Update Query Results

Cardholder Template: Batch Record Update Help

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Done

The card with Cardholder's data will open:

Cardholder Information - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://127.0.0.1/CardholderData/Default.aspx?ID=50

Cardholder Information

Current Threat Level: Normal System Administration Cardholder Data Event Monitoring Hardware Configuration System Configuration Reports Historical Log Maps External Systems

Millenium Xtra

Current Partition: Default Partition Logged User: admin Time Online: 00:08 Base Online: 10:22

View Query Query Results Cardholder Template Custom Query Custom Query Settings

▼ A  
▶ **Alberts, F**  
▶ B  
▶ C  
▶ D  
▶ E  
▶ F  
▶ G  
▶ H  
▶ I  
▶ J  
▶ K  
▶ L  
▶ M  
▶ N  
▶ O  
▶ P  
▶ Q  
▶ R  
▶ S  
▶ T  
▶ U  
▶ V  
▶ W  
▶ X  
▶ Y  
▶ Z  
▶ Other

**Card Information** General Information Additional Information

Last Name: Alberts First Name: Frank Middle Initial: Employee ID: 1

Access Information

Printed Card No.: 1 Active ☒ **Delete Card 1**

Encoded Card No.: 1 Access Level 1: Access Level 1

Activation Date: 1/1/2003 Access Level 2: —No Access—

Expiration Date: 1/1/2003 Access Level 3: —No Access—

Facility Code: 9 Access Level 4: —No Access—

Badge Type: Card Class: Access Level 5: —No Access—

PIN: Access Level 6: —No Access—

Card Format: Wiegand 26 FC 1

Card memo:

Current Status: ☐ Use User Partition Template Cardholder Partition: Default Partition

**Upload Images**

No image is available for this cardholder

No image is available for this cardholder

+ New Copy Save Cancel Delete + Batch Record Add Cardholder Report Cardholder Access Report Help

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Done

You may view, edit, etc. here. The instructions for using of corresponding controls are described in **Cardholder Data – View** section.

## Cardholder Data - Custom Query Settings

To input required Custom Query Settings, just check/uncheck the fields where the search should be provided in **Cardholder Data – Custom Query** section later:

Field Name	Use in search
Last Name	<input type="checkbox"/>
First Name	<input type="checkbox"/>
Middle Initial	<input type="checkbox"/>
Internal Phone	<input type="checkbox"/>
Supervisor	<input type="checkbox"/>
Master Area	<input type="checkbox"/>
Company E-mail	<input type="checkbox"/>
Comment 1	<input type="checkbox"/>
Vehicle Model	<input type="checkbox"/>
Vehicle Color	<input type="checkbox"/>
License Plate No.	<input type="checkbox"/>
Home E-mail	<input type="checkbox"/>
Comment 2	<input type="checkbox"/>

[Save](#) [Cancel](#)

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After making your selection, press **Save** button and proceed to **Cardholder Data - Custom Query**.



Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://127.0.0.1/CardholderData/customquerysettings.aspx

http://127.0.0.1/C...uerysettings.aspx

Current Threat Level: **Normal**

System Administration **Cardholder Data** Event Monitoring Hardware Configuration System Configuration Reports Historical Log Maps External Systems

**Millenium Xtra** Current Partition: Default Partition Logged User: admin Time Online: 01:23 Base Online: 11:37

View Query Query Results Cardholder Template Custom Query **Custom Query Settings**

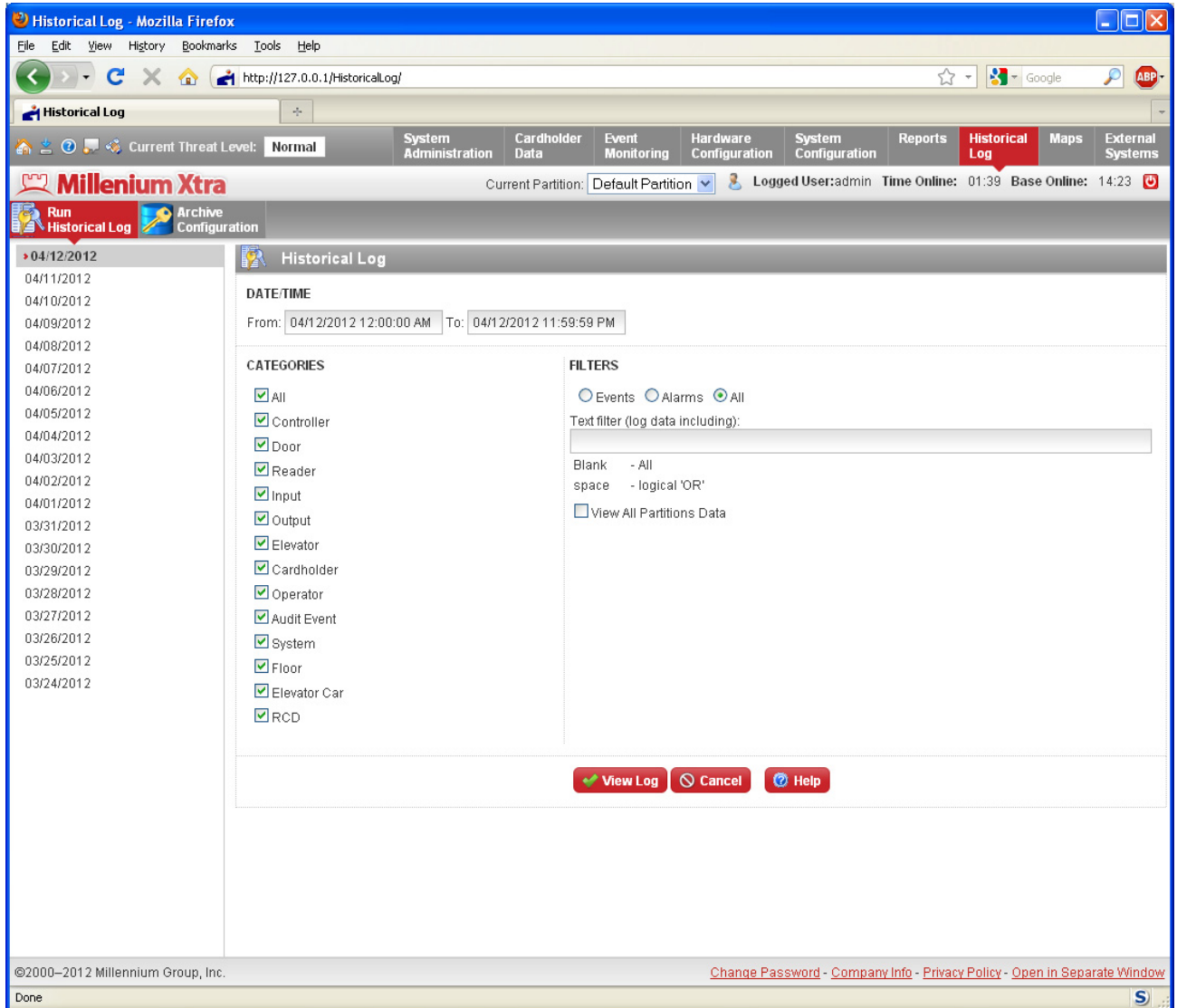
### Custom Cardholder Query Settings

Field Name	Use in search
Last Name	<input checked="" type="checkbox"/>
First Name	<input checked="" type="checkbox"/>
Middle Initial	<input type="checkbox"/>
Internal Phone	<input type="checkbox"/>
Supervisor	<input type="checkbox"/>
Master Area	<input type="checkbox"/>
Company E-mail	<input type="checkbox"/>
Comment 1	<input type="checkbox"/>
Vehicle Model	<input type="checkbox"/>
Vehicle Color	<input type="checkbox"/>
License Plate No.	<input type="checkbox"/>
Home E-mail	<input type="checkbox"/>
Comment 2	<input type="checkbox"/>

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Done

## Historical Log

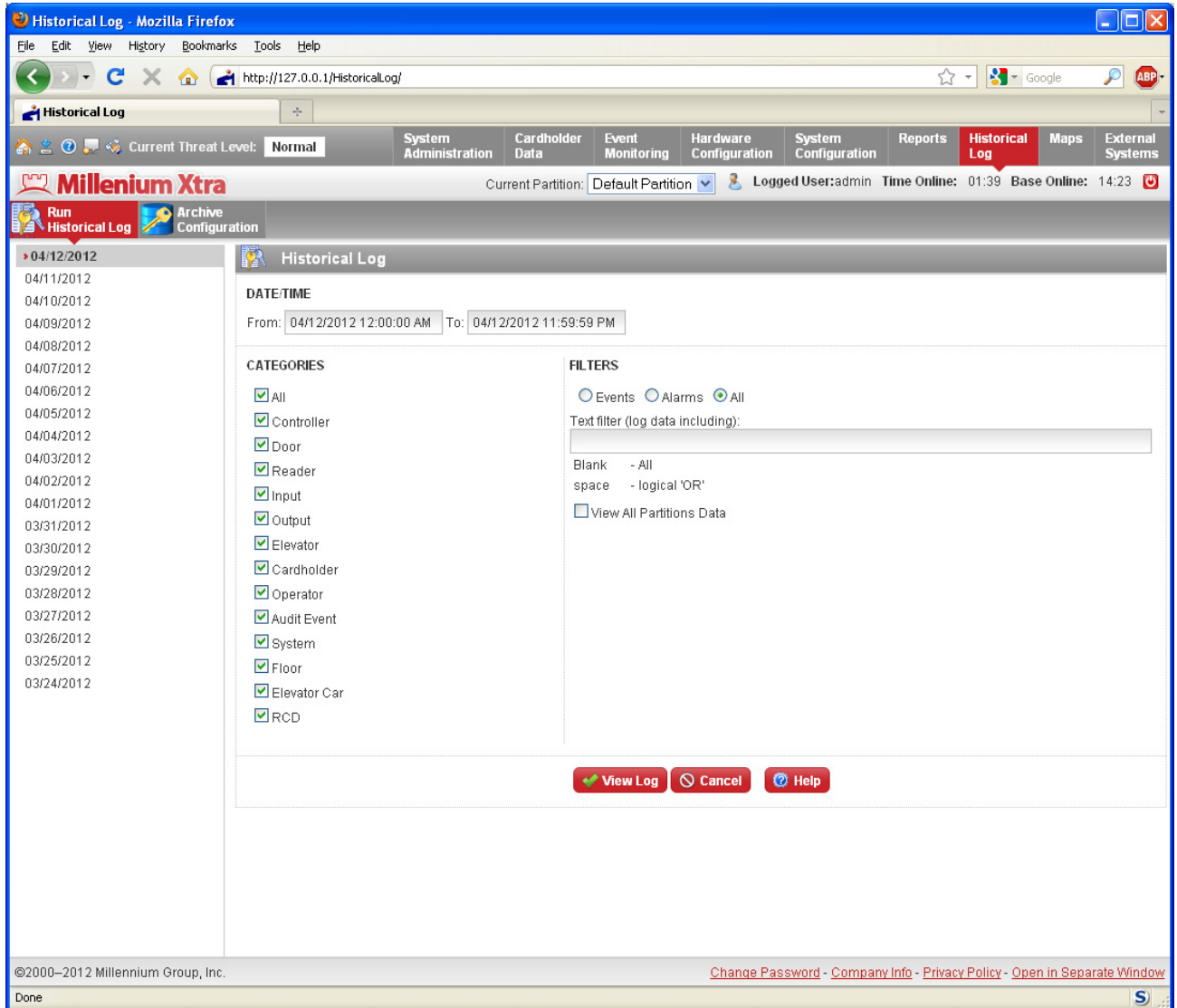


Historical Log section of the Millenium Xtra System is intended for viewing, printing, downloading to file(-s) logs created by the Millenium Xtra System.

Historical Log menu includes 2 submenus:

- **Run Historical Log**
- **Archive Configuration**

## Historical Log - Run Historical Log



Select required Date using “Dates” tree in the left-side part of a screen. Note that this is only “quick date selection” method; you may alter any date/time period using **Date/Time** criteria.

### Available Fields:

Historical Log additional settings are displayed in the central part of a screen and are the following:

**Date/Time: From: – To:** criteria is referred to whole Historical Log period. This is mandatory criteria. If "From:" or "To:" will be empty, popup error message "Date range from is empty." or "Date range to is empty." will appear.

"To:" value could not be earlier then "From:" value, otherwise error popup message "Date to less than date from." will appear.

**Categories:** – set of independent checkboxes for selection / deselection of different Millenium Xtra System devices (objects), which will be displayed in Historical Log.

1. All
2. Controller
3. Door
4. Reader
5. Input
6. Output
7. Elevator
8. Cardholder
9. Operator
10. Audit Event
11. System
12. Floor
13. Elevator Car
14. RCD

When checked, **All** checkbox automatically “switches on” all checkboxes, and vice versa. At least one checkbox must be checked, otherwise “No one categories were selected” error will occur.

**Filters:** – set of independent controls for setting additional filters.

**Events, Alarms, All** – group of Radio buttons to specify types of records which will be displayed.

**Text filter (log data including):** – field which is necessary for adding of any text for filtering.

If **Text filter** field is blank - all records will be chosen;

If **Text filter** field has wild card '\*' symbol(-s) - wild card criteria will be applied;

If **Text filter** field has one or more space ' ' symbol(-s) - logical 'OR' will be applied to all parts of string, divided by spaces.

**View All Partitions Data** – checkbox which when checked allows output of All Partitions Data in one Historical Log.

#### **Buttons:**

**View Log** – builds a Historical Log report for the currently displayed criteria

**Cancel** – cancels operation

Press **View Log** button to obtain the Historical Log report.

**Historical Log** Results window will appear:

Historical Log - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://127.0.0.1/HistoricalLog/ViewHistoricalLog.aspx

Historical Log

Current Threat Level: **Normal**

System Administration Cardholder Data Event Monitoring Hardware Configuration System Configuration Reports **Historical Log** Maps External Systems

Millenium Xtra

Current Partition: Default Partition Logged User: Admin Time Online: 01:20 Base Online: 22:47

Run Historical Log Archive Configuration

Historical Log For Period from 04/29/2011 12:00:00 AM to 04/29/2011 11:59:59 PM

Filter: Alarms and Events Categories: Controller, Door, Reader, Input, Output, Elevator, Cardholder, Region, Operator, Audit Event, System

Page 1 of 2 100 records per page, 140 records total

<< < > >> 1 Go To Columns

Priority	Time	Category	Name	Origin	Display Status	Event Detail	Alarm Status	Alar
5	4/29/2012 6:10:55 PM	Controller	Controller-1		Starting incremental Cardholders download			
5	4/29/2012 6:10:55 PM	Controller	Controller-1		Failed incremental Cardholders download	Controller is Offline		
5	4/29/2012 6:10:55 PM	Controller	Controller-3		Starting incremental Cardholders download			
5	4/29/2012 6:10:55 PM	Controller	Controller-3		Failed incremental Cardholders download	Controller is Offline		
50	4/29/2012 6:10:41 PM	Audit Event	Admin		Group database record has been updated	Door Group - 1		
50	4/29/2012 6:10:32 PM	Audit Event	Admin		Group database record has been created	Door Group - 1		
50	4/29/2012 6:08:50 PM	Audit Event	Admin		Scheduled Command Scheduler has been updated	Output: Controller-1-RCD-1 Supervisor Relay		
50	4/29/2012 6:07:43 PM	Audit Event	Admin		Scheduled Command Scheduler has been updated	Input: Controller-1-Inp-1		
50	4/29/2012 6:07:21 PM	Audit Event	Admin		Scheduled Command Scheduler has been deleted	Elevator: Elevator-1, Floor:1		
50	4/29/2012 6:06:53 PM	Audit Event	Admin		Scheduled Command Scheduler has been updated	Elevator: Elevator-1, Floor:1		
50	4/29/2012 6:05:59 PM	Audit Event	Admin		Scheduled Command Scheduler has been updated	Elevator: Elevator-1, Floor:1		
50	4/29/2012 6:04:38 PM	Audit Event	Admin		Scheduled Command Scheduler has been updated	Door: Controller-1-Door-2		
50	4/29/2012 6:03:12 PM	Audit Event	Admin		Scheduled Command Scheduler has been updated	Controller: Controller-1		
50	4/29/2012 6:02:16 PM	Audit Event	Admin		Contoller Download Scheduler has been updated	Controller: Controller-1		
50	4/29/2012 6:01:53 PM	Audit Event	Admin		Contoller Download Scheduler has been updated	Controller: Controller-1		
50	4/29/2012 5:59:58 PM	Audit Event	Admin		Contoller Download Scheduler has been updated	Controller: Controller-3		
50	4/29/2012 5:59:36 PM	Audit Event	Admin		Contoller Download Scheduler has been updated	Controller: Controller-2		
50	4/29/2012 5:59:28 PM	Audit Event	Admin		Contoller Download Scheduler has been updated	Controller: Controller-1		
50	4/29/2012 5:59:09 PM	Audit Event	Admin		Contoller Download Scheduler has been updated	Site: Site-1 Communication		
50	4/29/2012 5:58:54 PM	Audit Event	Admin		Contoller Download Scheduler has been updated	Site: Site-1 Communication		
50	4/29/2012 5:58:46 PM	Audit Event	Admin		Contoller Download Scheduler has been updated	Site: Site-1 Communication		
50	4/29/2012 5:58:34 PM	Audit Event	Admin		Contoller Download Scheduler has been updated	Site: Site-1 Communication		
5	4/29/2012 4:42:03 PM	Controller	Controller-3		Starting Elevators download			

Print Preview Download to File View Alarm Video Clip Back Help

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Done

You may **Print Preview** or **Download to File** this Historical Log, pressing one of corresponding buttons. Button **Back** returns operator to previous screen.

## Historical Log - Archive Configuration

The screenshot shows the 'Archive Configuration' page of the Millenium Xtra system. The browser window title is 'Archive Configuration - Mozilla Firefox'. The address bar shows 'http://127.0.0.1/HistoricalLog/archiveconfiguration.aspx'. The page has a navigation bar with tabs: 'System Administration', 'Cardholder Data', 'Event Monitoring', 'Hardware Configuration', 'System Configuration', 'Reports', 'Historical Log' (selected), 'Maps', and 'External Systems'. Below the navigation bar, the 'Millenium Xtra' logo is on the left, and 'Current Partition: Default Partition', 'Logged User: Admin', 'Time Online: 01:21', and 'Base Online: 22:48' are on the right. The main content area is titled 'Archive Configuration' and contains the following fields: 'Archive Period' with a spinner set to 3 and a 'Months' label, a spinner set to 0 and a 'Days' label; 'Archiving Time' with a text box containing '12:00:00 AM'; 'Archive Folder' with an empty text box; and a checked checkbox labeled 'Move existing archive files'. At the bottom of the form are three buttons: 'Save' (green), 'Cancel' (red), and 'Help' (blue). The footer of the page shows '©2000–2011 Millennium Group, Inc.' and links for 'Change Password', 'Company Info', 'Privacy Policy', and 'Open in Separate Window'. The browser status bar at the bottom says 'Done'.

This section allows to set up parameters for the Millenium Xtra System database archiving.

### Available Fields:

Archive Configuration settings are displayed in the central part of a screen and are the following:

**Archive Period:** – fields for setting up a period (in Months and Days) of automatic database archiving. If **Months** or **Days** field(-s) are input incorrectly, error messages may occur: “Months is empty.” “Months is wrong.” “Days is empty.” “Days is wrong.” “Active Period is wrong.”

**Archive Time:** – field for setting up a time (in *hh:mm:ss* format) of automatic database archiving.

**Archive Folder:** – field for setting up an archive folder (on local computer). Input existing folder here (i.e. C:\Millenium Xtra Archives\). If entered path is incorrect, or folder does not exist, an error message like “Directory C:\Millenium Xtra Archives\ not found or no directory access.” will occur.

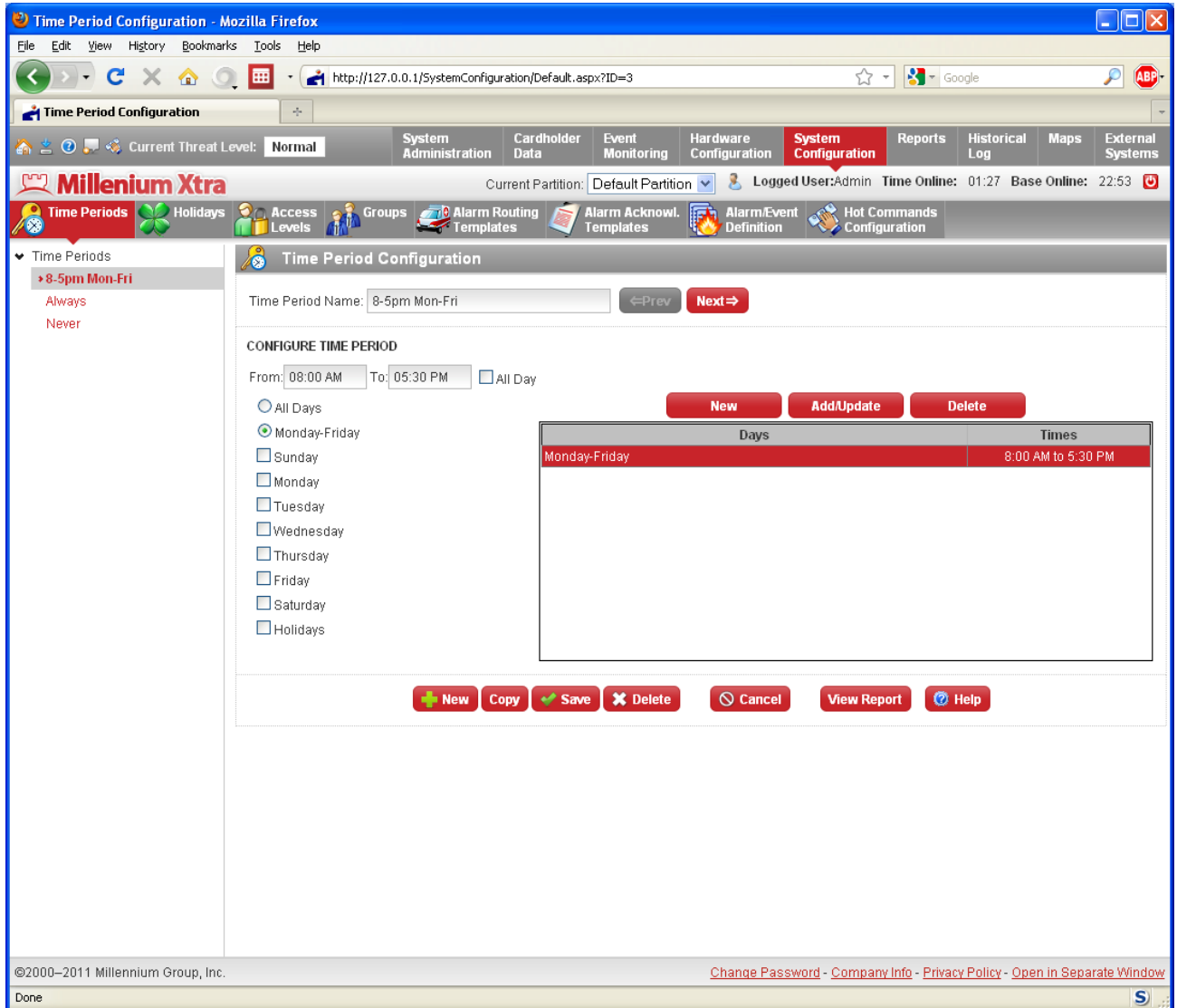
**Move existing archive files:** – checkbox which (if checked) allows moving of ALL files (independently of their extension(-s)) from old *Archive Folder* to currently assigned *Archive Folder*.

**Buttons:**

**Save** – Saves the Millenium Xtra System archiving parameters

**Cancel** – cancels saving operation

## System Configuration



System Configuration section of the Millenium Xtra System is intended for user definition of various system constants, which are used throughout the whole system.

System Configuration menu includes following submenus:

- **System Configuration - Time Periods**
- **System Configuration - Holidays**
- **System Configuration - Access Levels**
- **System Configuration - Groups**
- **System Configuration - Alarm Routing Templates**
- **System Configuration - Alarm Acknowledgment Templates**
- **System Configuration - Alarm/Event Definition**



## System Configuration - Time Periods

Time Period Configuration - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://127.0.0.1/SystemConfiguration/Default.aspx?ID=3

Time Period Configuration

Current Threat Level: Normal

System Administration Cardholder Data Event Monitoring Hardware Configuration **System Configuration** Reports Historical Log Maps External Systems

Millenium Xtra

Current Partition: Default Partition Logged User: Admin Time Online: 01:27 Base Online: 22:53

Time Periods Holidays Access Levels Groups Alarm Routing Templates Alarm Acknowledgment Templates Alarm/Event Definition Hot Commands Configuration

Time Periods

8-5pm Mon-Fri

Always

Never

Time Period Configuration

Time Period Name: 8-5pm Mon-Fri

← Prev Next →

CONFIGURE TIME PERIOD

From: 08:00 AM To: 05:30 PM ☐ All Day

☐ All Days

☒ Monday-Friday

☐ Sunday

☐ Monday

☐ Tuesday

☐ Wednesday

☐ Thursday

☐ Friday

☐ Saturday

☐ Holidays

New Add/Update Delete

Days	Times
Monday-Friday	8:00 AM to 5:30 PM

New Copy Save Delete Cancel View Report Help

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Done

Time periods are used in the Millenium Xtra System for quick selection of a desired *named time period* in different parts of a system. There are three pre-defined *named time periods* in the Millenium Xtra System:

- Never
- Always
- 8-5pm Mon-Fri

These three pre-defined *named time periods* are used in hardware configuration settings – for doors, elevators, inputs, readers etc.

Millenium Xtra System Operator can modify these three default *named time periods* as well as create new *named time periods* suitable for specific needs.

Select Time Period using “Time Periods” tree in the left-side part of a screen. Enter necessary data into corresponding fields. Press Save button to save changes for the selected Time Period. Press Cancel button to cancel changes for the selected *named time period*. Press +New button to add a new *named time period*, which is not present in the left-side tree.

### Available Fields:

**Time Period Name:** field to assign Name for the *named time period*.

**Configure Time Period** – Group of controls for setting up of a time *named time period* characteristics.

**From: – To:** fields to assign *named time period* time period values (in hours). **From** value must be less then **To** value; otherwise “From Time has to be less than To Time” error will occur

**All Day:** checkbox to assign *named time period* equal 24 hours.

**All Days – Monday-Friday:** set of 2 Radio buttons for quick selection of *named time period* days period value(-s).

**Sunday, Monday, Tuesday, Wednesday, Thursday, Friday, Saturday, Holidays:** set of independent checkboxes which allows fine tuning of *named time period* days period value(-s). Note that if you decide to use this set of checkboxes, all 2 Radio buttons are automatically set to OFF. Only **Monday-Friday=ON** and **Holidays=ON** combination is possible.

**Days, Times (Time Periods Table):** Table which displays separate time period(-s) for the currently selected *named time period*.

Note, that if days period is not assigned, error message “Day not selected” will be displayed after an attempt to save the current *named time period*.

### Buttons:

**New, Add/Update, Delete** (above the **Time Periods Table**) – set of buttons which allow to add a new record, update an existing record, delete an existing record only in a **Time Periods Table**. These three buttons refer only to the currently selected (in the left-side tree) *named time period* record.

**+New** button - lets the operator to create New *string* in a **Time Periods Table**.

**Add/Update** button - lets the operator to Update an existing *string* in a **Time Periods Table**.

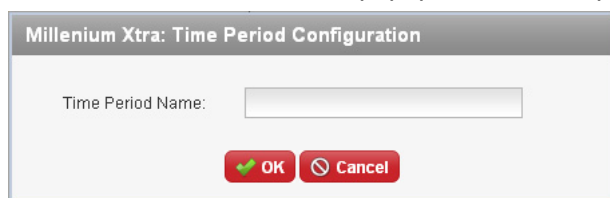
**Delete** button - lets the operator to Delete an existing *string* in a **Time Periods Table**.

**New, Copy, Save, Delete, Cancel, View Report** – set of buttons which allows to create new, copy existing to a new one, save or delete any *Named time period*, which is displayed in the left-side part of a screen tree.

**+New** button - lets the operator to create New *Named time period*.

**Copy** button - lets the operator to Copy current *Named time period* to a new one.

"Time Period Name:" popup window will appear:



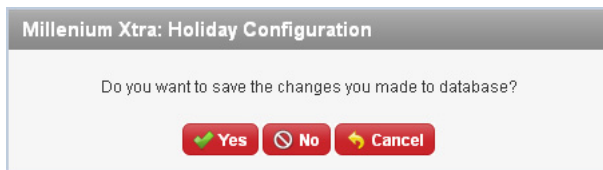
Enter necessary text for the new *Named time period* Name.

**Save** button - lets the operator to Save current *Named time period*.

**Delete** button - lets the operator to Delete current *Named time period*.

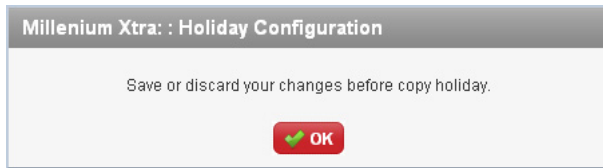
**Cancel** button - clears the Millenium Xtra Operator's input. No changes for the currently displayed *Named time period* information will be stored in the Millenium Xtra Database.

If current record was changed but not saved, and Millenium Xtra Operator is going to access any other part of the Millenium Xtra System, the following popup will occur:



Press Yes to save changes, No to discard changes, or Cancel to cancel your access to any other part of the Millenium Xtra System.

If current record was changed but not saved, and Millenium Xtra Operator is going to make a copy of the current record (via **Copy** button), the following popup will occur:



Press OK and Save or Cancel your changes, and then press **Copy** button again.

**View Report** button - lets the operator to view system report about available *Named time periods*:

Report Results - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://127.0.0.1/Reports/ExternalReportViewer.aspx?TZ=2&ID=18

Time Period Configuration Report Results

Report Results

Report Name: **Time Periods** Build on: 4/29/2011 11:01:40 PM

Report parameters: **All Records**

Page 1 of 1 20 records per page, 2 records total

<< < > >> 1 Go To Columns

#	Time Period Name	Active	Holiday List	From Time	To Time	Days
1	Always	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	12:00:00 AM	11:59:59 PM	All Day
2	8-5pm Mon-Fri	<input checked="" type="checkbox"/>	<input type="checkbox"/>	8:00:00 AM	5:30:00 PM	Monday-Frida

Print Preview Download to File Close Help

Done

### Buttons:

**Print Preview** – press this button to obtain Report in a print-friendly form

**Download to File** – press this button to download Report to a local file

**Close** – press this button to close Report window

## System Configuration - Holidays

**Holiday Configuration - Mozilla Firefox**

File Edit View History Bookmarks Tools Help

http://127.0.0.1/SystemConfiguration/holidays.aspx?ID=1

**Holiday Configuration**

Current Threat Level: **Normal**

System Administration Cardholder Data Event Monitoring Hardware Configuration **System Configuration** Reports Historical Log Maps External Systems

**Millenium Xtra** Current Partition: Default Partition Logged User: Admin Time Online: 01:36 Base Online: 23:02

Time Periods **Holidays** Access Levels Groups Alarm Routing Templates Alarm Acknowled. Templates Alarm/Event Definition Hot Commands Configuration

▼ All Holidays

→ July 4th

Thanksgiving

**Holiday Configuration**

Holiday Name:

**CONFIGURE HOLIDAY**

☐ Absolute Date:

☒ Annual Occurrence:

☐ Relative Day of Week:  Month:

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Done

Holidays configuration is used in the Millenium Xtra System for setting up *holidays* information, which is used later in different parts of a system. There are two pre-defined *holidays* in the Millenium Xtra System:

- July 4th
- Thanksgiving (first Thursday of November)

Millenium Xtra System Operator can modify these two default *holidays* as well as create new *holidays* suitable for specific country settings.

Select Holiday using “All Holidays” tree in the left-side part of a screen. Enter necessary data into corresponding fields. Press Save button to save changes for the selected Holiday. Press Cancel button to cancel changes for the selected *holiday*. Press +New button to add a new *holiday*, which is not present in the left-side tree.

### Available Fields:

**Holiday Name:** field to assign Name for the *holiday*. This is an obligatory field for Absolute and Annual types of current *holiday*. An error message “Holiday Name is empty” will occur if this field remains empty.

**Configure Holiday** – Group of controls for setting up of a *holiday* date characteristics.

**Absolute, Annual, Relative** – set of 3 Radio buttons for setting up *holiday's* occurrence.

**Absolute** – choose this Radio button for setting up of an absolute *holiday* date. **Date** also should be entered.

**Annual** – choose this Radio button for setting up of an annual *holiday* date. **Date** also should be entered.

**Relative** – choose this Radio button for setting up of relative *holiday* date (**Occurrence, Day of Week** and **Month** should also be entered).

**Date:** – Field where date value for **absolute** or **annual** holiday should be entered. Input necessary date using **Calendar Popup** or manually.

**Occurrence:** – Field where occurrence for **Relative** holiday should be entered. Select necessary one among 5 available (First, Second, Third, Fourth, Fifth).

**Day of Week:** – Field where Day of Week for **Relative** holiday should be entered. Select necessary one among 7 available.

**Month:** – Field where Month for **Relative** holiday should be entered. Select necessary one among 12 available.

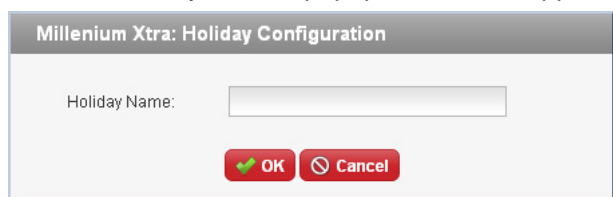
### Buttons:

**New, Copy, Save, Delete, Cancel, View Report** – set of buttons which allows to create new, copy existing to a new one, save or delete any *Holiday*, which is displayed in the left-side part of a screen tree.

**+New** button - lets the operator to create New *Holiday*.

**Copy** button - lets the operator to Copy current *Holiday* to a new one.

"Holiday Name:" popup window will appear:



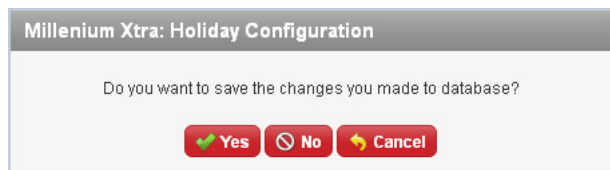
Enter necessary text for the new *Holiday* Name.

**Save** button - lets the operator to Save current *holiday*.

**Delete** button - lets the operator to Delete current *Holiday*.

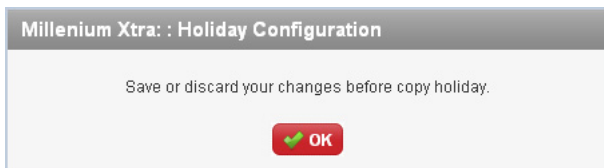
**Cancel** button - clears the Millenium Xtra Operator's input. No changes for the currently displayed *Holiday* information will be stored in the Millenium Xtra Database.

If current record was changed but not saved, and Millenium Xtra Operator is going to access any other part of the Millenium Xtra System, the following popup will occur:



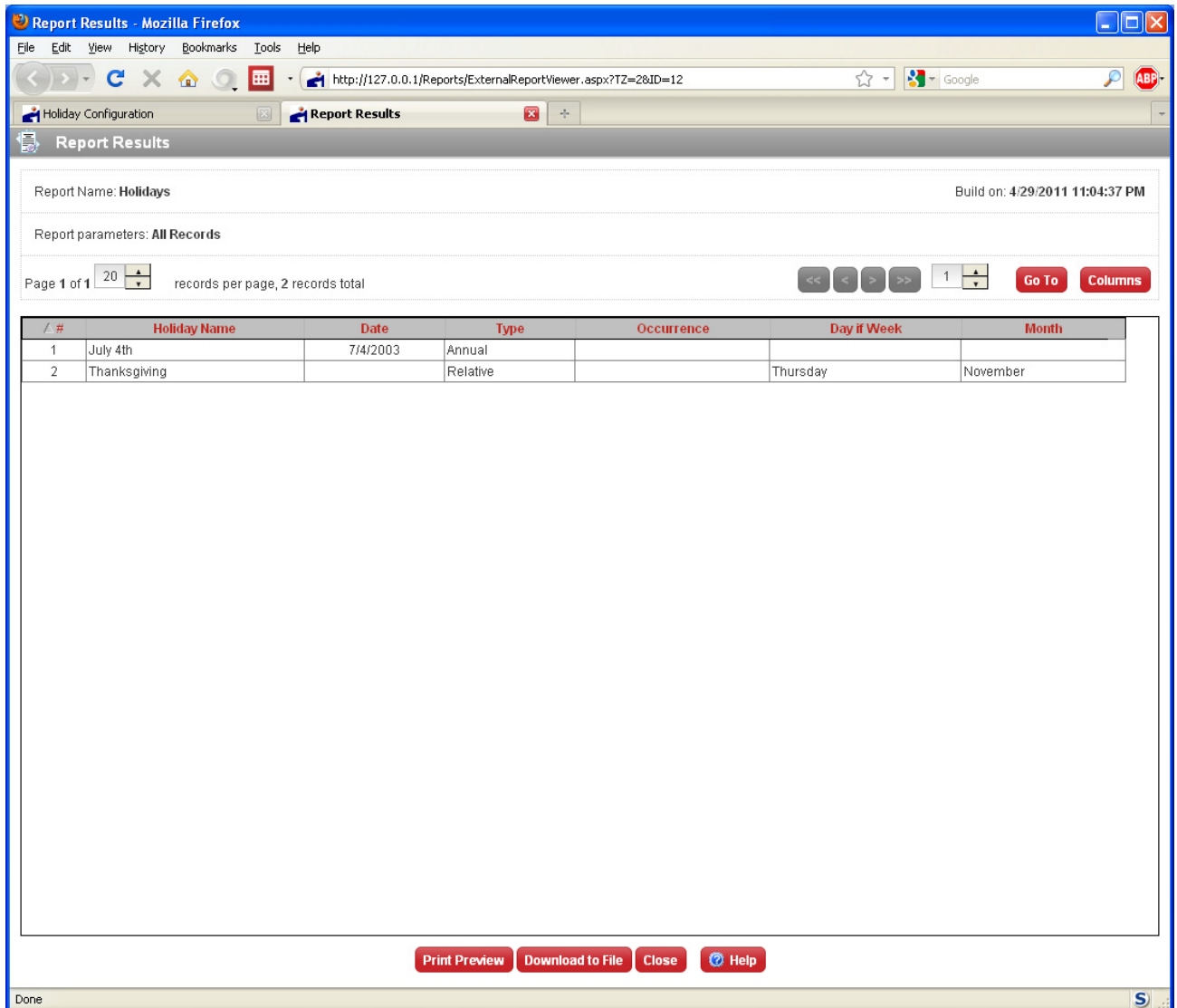
Press Yes to save changes, No to discard changes, or Cancel to cancel your access to any other part of the Millenium Xtra System.

If current record was changed but not saved, and Millenium Xtra Operator is going to make a copy of the current record (via **Copy** button), the following popup will occur:



Press OK and Save or Cancel your changes, and then press **Copy** button again.

**View Report** button - lets the operator to view system report about available *Holidays*:



#### Buttons:

**Print Preview** – press this button to obtain Report in a print-friendly form

**Download to File** – press this button to download Report to a local file

**Close** – press this button to close Report window

## System Configuration - Access Levels

Access Level Configuration - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://127.0.0.1/SystemConfiguration/accesslevels.aspx?ID=1

Access Level Configuration

Current Threat Level: Normal

System Administration Cardholder Data Event Monitoring Hardware Configuration **System Configuration** Reports Historical Log Maps External Systems

Millenium Xtra

Current Partition: Default Partition Logged User: Admin Time Online: 01:39 Base Online: 23:05

Time Periods Holidays **Access Levels** Groups Alarm Routing Templates Alarm Acknowled. Templates Alarm/Event Definition Hot Commands Configuration

All Access Levels

→ Access Level 1

Access Level 2

Access Level Configuration

Access Level Name: Access Level 1

Threat Level: Normal

Doors Door Groups Elevator Floors

Doors	Time Period
Controller-1-Door-2	8-5pm Mon-Fri
	Always
	Never

Door	Time Period
Controller-1-Door-1	Always
Controller-2-Door-1	Always

Add Remove

+ New Copy Save Delete Cancel View Report Help

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Done

Access Levels configuration is used in the Millenium Xtra System for setting up Access Levels information, which is used later in different parts of a system. Access Level(-s) may be sequentially applied for three types of Millenium Xtra System objects: for Doors, for Door Groups and for Elevator Floors.

Millenium Xtra System Operator can modify existing and create new Access Levels suitable for specific company needs.

Select Access Level using “All Access Levels” tree in the left-side part of a screen. Enter necessary data into corresponding fields. Press Save button to save changes for the selected Access Level. Press Cancel button to cancel changes for the selected Access Level. Press +New button to add a new Access Level, which is not present in the left-side tree.

### Available Fields:

**Access Level Name:** – Field to assign Name for the current Access Level. This is an obligatory field for any Access Level. An error message “Access Level Name is empty” will occur if this field remains empty.



**Threat Level:** – Combo box where Threat Level value should be choosen. Select necessary Threat Level using this Combo box among 6 available in the Millenium Xtra Sysem - Normal, Green, Blue, Yellow, Orange, or Red.

**Access Level Assignment Tables:** – Set of similar tables for 3 tabs (Doors, Door Groups, Elevator Floors). Tables' fields depend exactly on what tab is selected. These three tabs are described below.

### Doors Tab

**Doors selection table** (top-left position) – to make an assignment, select necessary Door, click on it. Selected row in a table is highlighted with red.

**Time Period selection table** (top-right position) – to make an assignment, select necessary Time Period, click on it. Selected row in a table is highlighted with red.

Note: there are three pre-defined Time Period values: **Never, Always, 8-5pm Mon-Fri**. Millenium Xtra System operator may add any other required values for Time Periods using **System Configuration - Time Periods Tab**.

**Assignments table** (bottom position) – currently added assignments. This table is displayed as a set of pairs "Door – Time Period"

**Add, Remove** – buttons for adding or removing assignments.

To add an assignment pair:

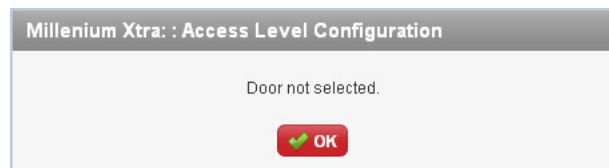
select necessary Door in the **Doors selection table**, select necessary Time Period in the **Time Period selection table**, and press **Add** button to add selected "Door – Time Period" pair to the Assignments table (bottom position).

After adding of necessary assignment pair, it will be displayed as a new row in the **Assignments table** (bottom position).

To remove an assignment pair:

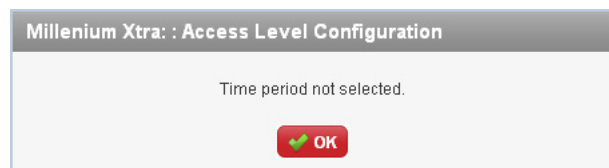
select necessary row in the **Assignments table** (bottom position), click on it. Selected row in a table is highlighted with red. Press **Remove** button to Remove selected "Door – Time Period" row from the **Assignments table** (bottom position).

If necessary Door is not selected (from the **Doors selection table**, top-left position) - an error popup will appear after pressing of **Add** button.



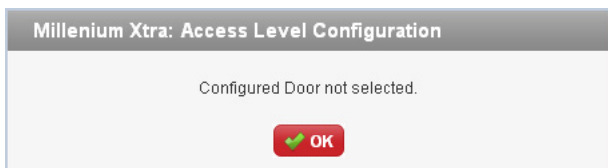
Select necessary Door and press **Add** button again.

If necessary Time Period is not selected (from the Time Periods selection table, top-right position) - an error popup will appear after pressing of **Add** button.



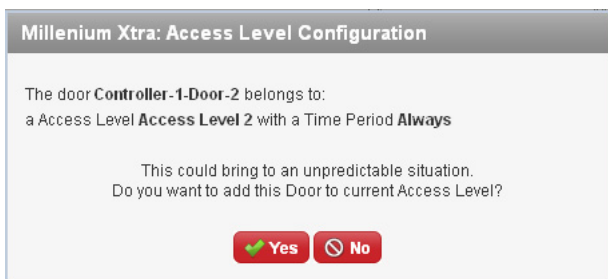
Select necessary Time Period and press **Add** button again.

If necessary Assignment is not selected (from the Assignment table, bottom position) - an error popup will appear after pressing of **Remove** button.



Select necessary Assignment record and press **Remove** button again.

If the door is already assigned to another Access Level with its time period, the following popup message will appear:



## Door Groups Tab

**Door Groups selection table** (top-left position) – to make an assignment, select necessary Door Group, click on it. Selected row in a table is highlighted with red.

**Time Period selection table** (top-right position) – to make an assignment, select necessary Time Period, click on it. Selected row in a table is highlighted with red.

Note: there are three pre-defined Time Period values: **Never**, **Always**, **8-5pm Mon-Fri**. Millenium Xtra System operator may add any other required values for Time Periods using **System Configuration - Time Periods Tab**.

**Assignments table** (bottom position) – currently added assignments. This table is displayed as a set of pairs "Door Group – Time Period"

**Add, Remove** – buttons for adding or removing assignments.

### To add an assignment pair:

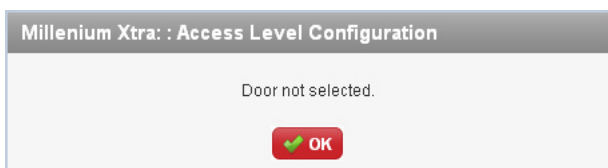
select necessary Door Group in the **Door Groups selection table**, select necessary Time Period in the **Time Period selection table**, and press **Add** button to add selected "Door Group – Time Period" pair to the Assignments table (bottom position).

After adding of necessary assignment pair, it will be displayed as a new row in the **Assignments table** (bottom position).

### To remove an assignment pair:

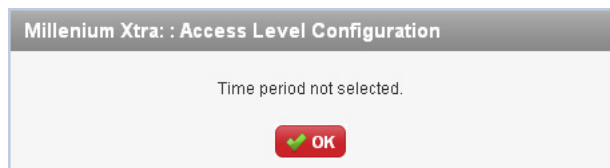
select necessary row in the **Assignments table** (bottom position), click on it. Selected row in a table is highlighted with red. Press **Remove** button to Remove selected "Door Group – Time Period" row from the **Assignments table** (bottom position).

If necessary Door Group is not selected (from the **Door Groups selection table**, top-left position) - an error popup will appear after pressing of **Add** button.



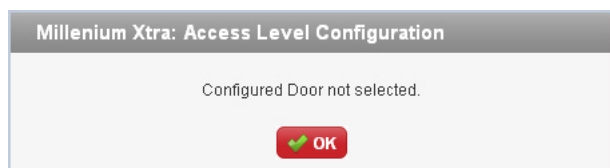
Select necessary Door Group and press **Add** button again.

If necessary Time Period is not selected (from the Time Periods selection table, top-right position) - an error popup will appear after pressing of **Add** button.



Select necessary Time Period and press **Add** button again.

If necessary Assignment is not selected (from the Assignment table, bottom position) - an error popup will appear after pressing of **Remove** button.



Select necessary Assignment record and press **Remove** button again.

### Elevator Floors Tab

**Floors selection table** (top-left position) – to make an assignment, select necessary Floor, click on it. Selected row in a table is highlighted with red.

**Time Period selection table** (top-right position) – to make an assignment, select necessary Time Period, click on it. Selected row in a table is highlighted with red.

Note: there are three pre-defined Time Period values: **Never, Always, 8-5pm Mon-Fri**. Millenium Xtra System operator may add any other required values for Time Periods using **System Configuration - Time Periods Tab**.

**Assignments table** (bottom position) – currently added assignments. This table is displayed as a set of pairs "*Floor – Time Period*"

**Add, Remove** – buttons for adding or removing assignments.

#### To add an assignment pair:

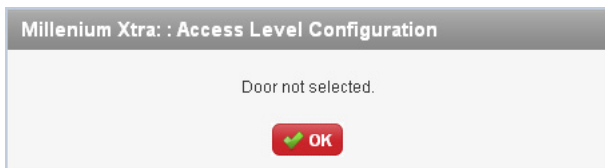
select necessary Floor in the **Floors selection table**, select necessary Time Period in the **Time Period selection table**, and press **Add** button to add selected "*Floor – Time Period*" pair to the Assignments table (bottom position).

After adding of necessary assignment pair, it will be displayed as a new row in the **Assignments table** (bottom position).

#### To remove an assignment pair:

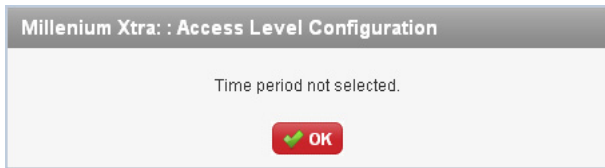
select necessary row in the **Assignments table** (bottom position), click on it. Selected row in a table is highlighted with red. Press **Remove** button to Remove selected "*Floor – Time Period*" row from the **Assignments table** (bottom position).

If necessary Floor is not selected (from the Floors selection table, top-left position) - an error popup will appear after pressing of **Add** button.



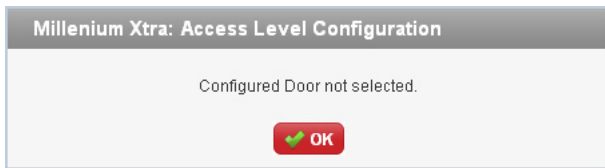
Select necessary Floor and press **Add** button again.

If necessary Time Period is not selected (from the Time Periods selection table, top-right position) - an error popup will appear after pressing of **Add** button.



Select necessary Time Period and press **Add** button again.

If necessary Assignment is not selected (from the Assignment table, bottom position) - an error popup will appear after pressing of **Remove** button.



Select necessary Assignment record and press **Remove** button again.

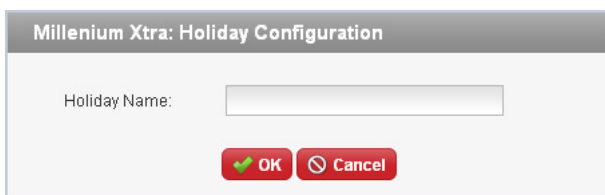
### Buttons:

**New, Copy, Save, Delete, Cancel, View Report** – set of buttons which allows to create new, copy existing to a new one, save or delete any *Access Level*, which is displayed in the left-side part of a screen tree.

**+New** button - lets the operator to create New *Access Level*.

**Copy** button - lets the operator to Copy current *Access Level* to a new one.

"Access Level Name:" popup window will appear:



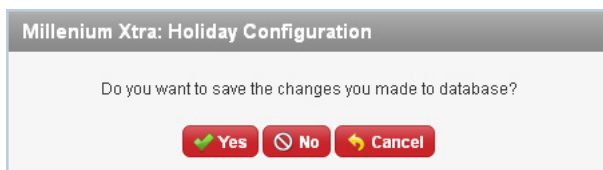
Enter necessary text for the new *Access Level* Name.

**Save** button - lets the operator to Save current *Access Level*.

**Delete** button - lets the operator to Delete current *Access Level*.

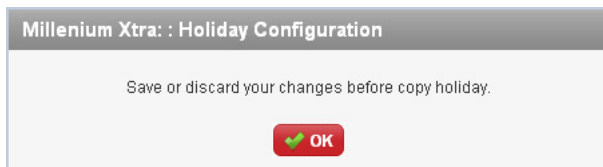
**Cancel** button - clears the Millenium Xtra Operator's input. No changes for the currently displayed *Access Level* information will be stored in the Millenium Xtra Database.

If current record was changed but not saved, and Millenium Xtra Operator is going to access any other part of the Millenium Xtra System, the following popup will occur:



Press Yes to save changes, No to discard changes, or Cancel to cancel your access to any other part of the Millenium Xtra System.

If current record was changed but not saved, and Millenium Xtra Operator is going to make a copy of the current record (via **Copy** button), the following popup will occur:



Press OK and Save or Cancel your changes, and then press **Copy** button again.

**View Report** button - lets the operator to view system report about available *Access Levels*:

Report Results - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://127.0.0.1/Reports/ExternalReportViewer.aspx?TZ=2&ID=1

Access Level Configuration Report Results

Report Results

Report Name: All Access Levels Build on: 4/29/2011 11:17:37 PM

Report parameters: All Records

Page 1 of 1 20 records per page, 3 records total

<< < > >> 1 Go To Columns

#	Access Level Name	Object Type	Object Name	Time Period Name
1	Access Level 1	Door	Controller-1-Door-1	Always
2	Access Level 1	Door	Controller-2-Door-1	Always
3	Access Level 2	Door	Controller-1-Door-2	Always

Print Preview Download to File Close Help

Done

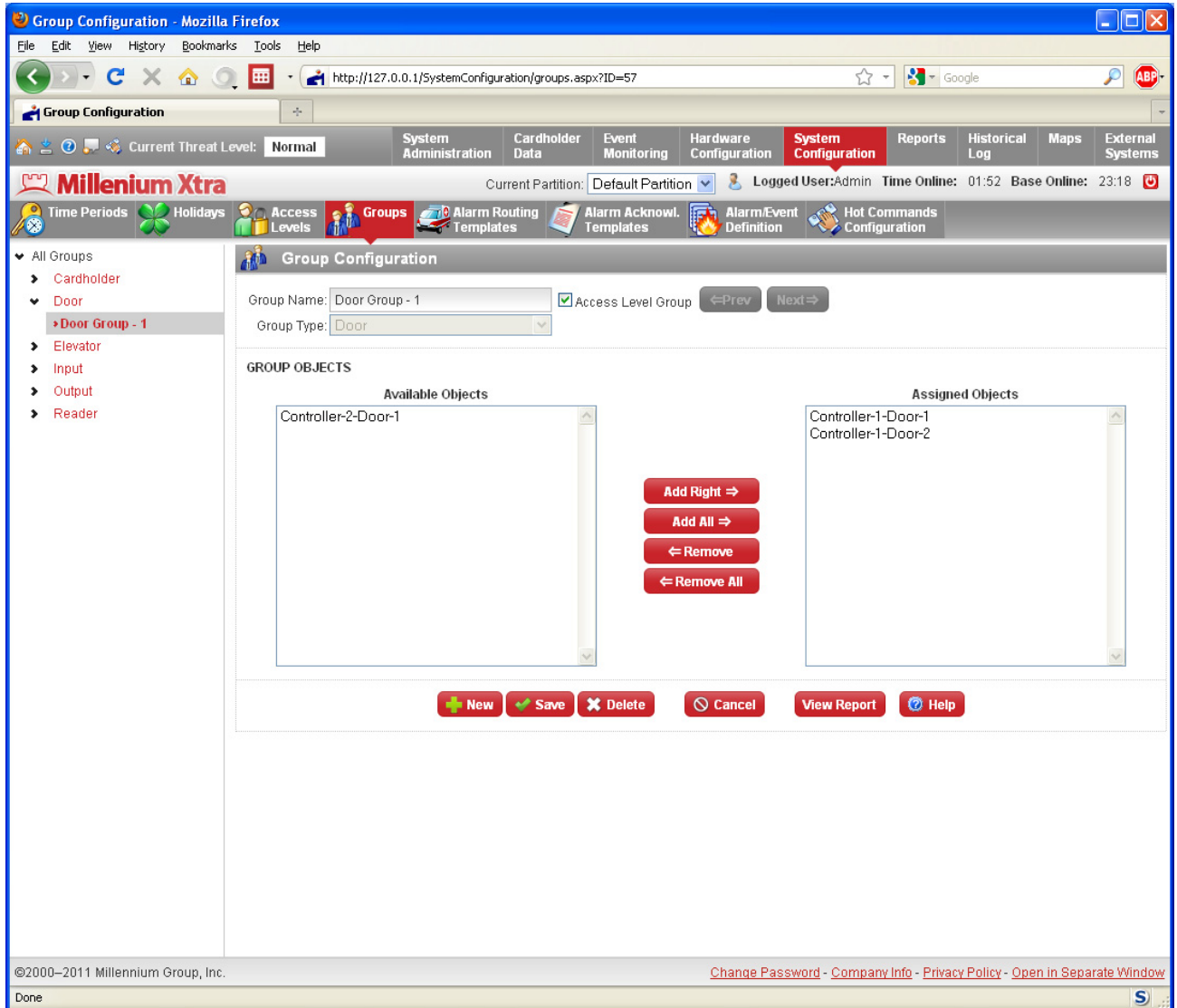
#### Buttons:

**Print Preview** – press this button to obtain Report in a print-friendly form

**Download to File** – press this button to download Report to a local file

**Close** – press this button to close Report window

## System Configuration - Groups

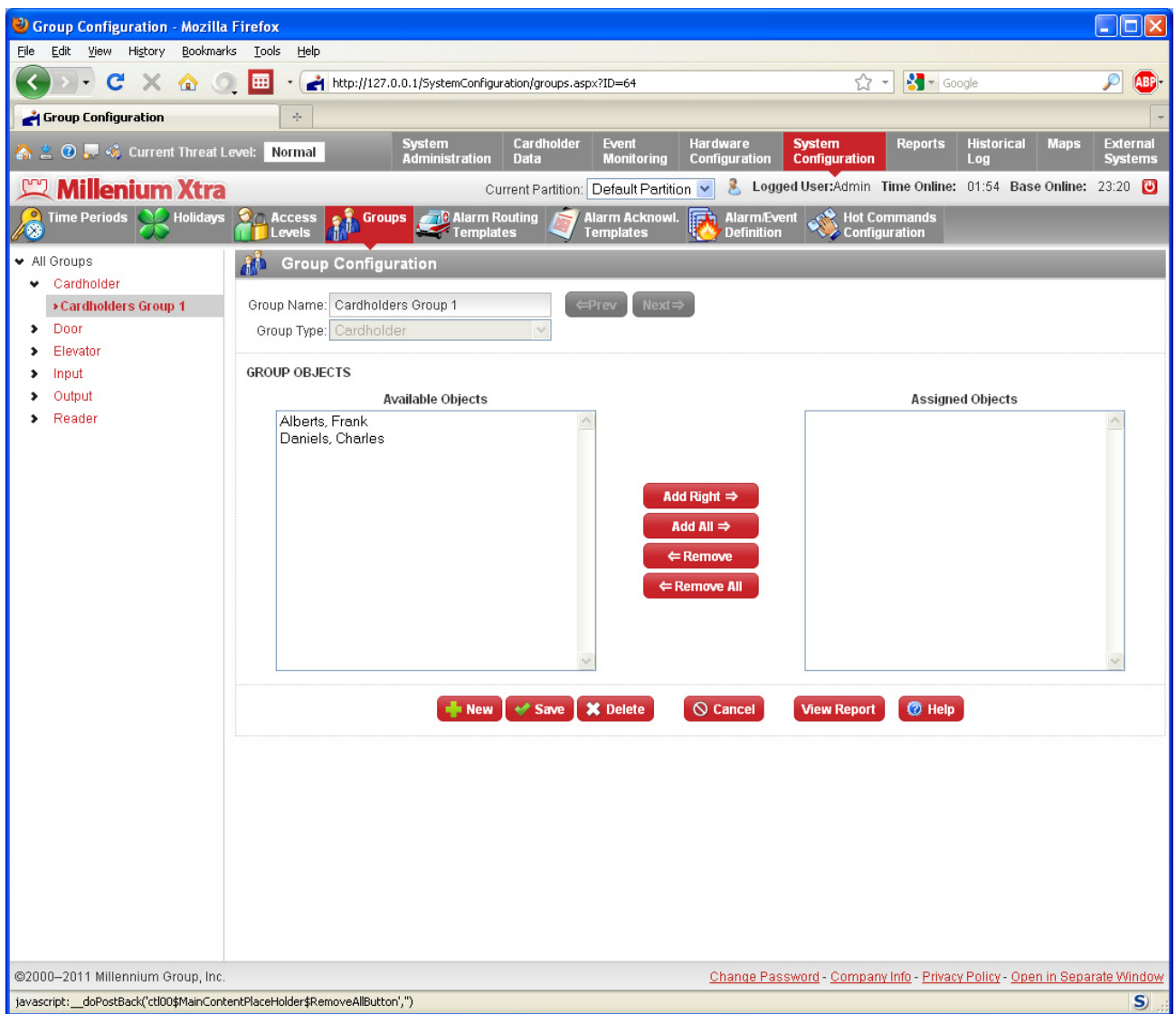


Groups configuration is used in the Millenium Xtra System for organization of object Groups, which can be used later in different parts of a system. Groups are very useful for consolidation of similar Millenium Xtra System objects (readers, doors, inputs, outputs, elevators, cardholders), which may be effectively used later as well as "single object".

By default, there are no Groups in the Millenium Xtra System. Millenium Xtra System Operator can create new and modify Groups in a way suitable for specific company needs.

Select necessary subgroup of objects (Reader, Door, Input, Output, Elevators or Cardholder) using "All Groups" tree in the left-side part of a screen. Press **+New** button to add a new Group, which is not present in the left-side tree.

Select an existing Group inside required subgroup of objects (Reader, Door, Input, Output, Elevators or Cardholder) using "All Groups" tree in the left-side part of a screen. Enter necessary data into corresponding fields. Press **Save** button to save changes for the selected Group. Press **Cancel** button to cancel changes for the selected Group.



### Available Fields and Controls:

**Group Name:** – Field to assign Name for the current Group. This is an obligatory field for any Group. An error message “Group Name is empty” will occur if this field remains empty.

**Group Type:** – Combo box where Group Type value should be chosen when a new Group is being created. Select necessary Group Type using this Combo box among 6 available in the Millenium Xtra System - Reader, Door, Input, Output, Elevators or Cardholder.

**Group Assignment Tables:** – Set of 2 tables (Available Objects and Assigned Objects). Use buttons Add Right =>, Add All =>, <=Remove, <=Remove All to assign necessary objects for a selected Group.

**Buttons for objects assignment** – set of four buttons (**Add Right =>**, **Add All =>**, **<=Remove**, **<=Remove All**) for moving objects between two **Group Assignment Tables**.

### Buttons:

**New, Save, Delete, Cancel, View Report** – set of buttons which allows to create new, copy existing to a new one, save or delete any *Group of objects*, which is displayed in the left-side part of a screen tree.

**+New** button - lets the operator to create New *Group of objects*.

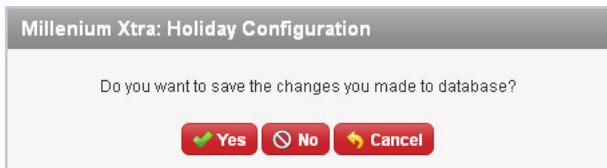
**Save** button - lets the operator to Save current *Group of objects*.



**Delete** button - lets the operator to Delete current *Group of objects*.

**Cancel** button - clears the Millenium Xtra Operator's input. No changes for the currently displayed *Group of objects* information will be stored in the Millenium Xtra Database.

If current record was changed but not saved, and Millenium Xtra Operator is going to access any other part of the Millenium Xtra System, the following popup will occur:



Press Yes to save changes, No to discard changes, or Cancel to cancel your access to any other part of the Millenium Xtra System.

**View Report** button - lets the operator to view system report about available *Group of objects*:

#	Group Name	Object Name
1	Cardholders Group 1	Alberts, Frank
2	Cardholders Group 1	Daniels, Charles
3	Door Group - 1	Controller-1-Door-1
4	Door Group - 1	Controller-1-Door-2
5	Site-1 Communication	Controller-1
6	Site-1 Communication	Controller-2
7	Site-1 Communication	Controller-3

### Buttons:

**Print Preview** – press this button to obtain Report in a print-friendly form  
**Download to File** – press this button to download Report to a local file  
**Close** – press this button to close Report window

## System Configuration - Alarm Routing Templates

Routing Template Configuration - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://127.0.0.1/SystemConfiguration/routingtemplate.aspx?ID=1

Routing Template Configuration

Current Threat Level: Normal

System Administration Cardholder Data Event Monitoring Hardware Configuration **System Configuration** Reports Historical Log Maps External Systems

Millenium Xtra

Current Partition: Default Partition Logged User: Admin Time Online: 01:56 Base Online: 23:22

Time Periods Holidays Access Levels Groups **Alarm Routing Templates** Alarm Acknowled. Templates Alarm/Event Definition Hot Commands Configuration

All Routing Templates

→ Alarm Default Routing

Event Default Routing

Routing Template Configuration

Routing Template: Alarm Default Routing ☒ Active ☐ Inactive < Prev Next >

CURRENT CONFIGURATION FOR ROUTING TEMPLATE

Operator Name:  Routing Level:

Time Period:  Routing Type:

Clear / New Add / Update Delete Selected

Operator Name	Time Period	Routing Level	Routing Type
ADMIN	Always	Primary	User/Operator
ADMIN2	Always	Primary	User/Operator

+ New Copy Save Delete Cancel View Report Help

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Done

Alarm Routing Templates configuration is used in the Millenium Xtra System for organization of Alarm Routing Templates, which are used later in different parts of a system. Alarm Routing Templates are used for creation of time dependent Routing Level and Routing Type patterns for different Millenium Xtra System Operators. By default, there are two Alarm Routing Templates in the Millenium Xtra System (Alarm Default Routing and Event Default Routing). Millenium Xtra System Operator can create new and modify existing Alarm Routing Templates in a way suitable for specific company needs.

Select an existing Routing Template using “All Routing Templates” tree in the left-side part of a screen. Enter necessary data into corresponding fields. Press **Save** button to save changes for the selected Routing Template. Press **Cancel** button to cancel changes for the selected Routing Template.

Press **+New** button to add a new Routing Template, which is not present in the left-side tree.

### Available Fields and controls:

**Routing Template:** – Field to assign Routing Template Name for the current Alarm Routing Template. This is an obligatory field for any Alarm Routing Template. Red asterisk error message (\*) will occur if this field remains empty.

**Routing Template status** – group of two Radio buttons (Active, Inactive) is intended for setting up of current Routing Template status

**Current configuration for Routing Template** - set of controls for specific tuning of a current Routing Template, which is described below.

**Operator Name:** – Combo box where Operator Name should be chosen among existing list of Millenium Xtra System Operators. Select necessary Operator Name using this Combo box. "Operator Name empty" error will occur when you try to save current record and this field is empty.

**Time Period:** – Combo box where Time Period should be chosen among existing list of Millenium Xtra System Time Periods.

**Note:** there are three pre-defined Time Period values: Never, Always, 8-5pm Mon-Fri. Millenium Xtra System operator may add any other required values for Time Periods using System Configuration - Time Periods Tab. "Time Period Empty" error will occur when you try to save current record and this field is empty.

**Routing Level:** – Combo box where Routing Level should be chosen among existing list of Millenium Xtra System Routing Levels. Select necessary Routing Level using this Combo box. "Routing Level empty" error will occur when you try to save current record and this field is empty.

**Routing Type:** – Combo box where Routing Type should be chosen among existing list of Millenium Xtra System Routing Types. Select necessary Routing Type using this Combo box. "Routing Type empty" error will occur when you try to save current record and this field is empty.

**Current Alarm Routing Table** – table which has 4 columns - Operator Name, Time Period, Routing Level and Routing Type. Use buttons Clear/New, Add/Update, Delete Selected to manage records in the Current Alarm Routing Table.

**Clear / New, Add / Update, Delete Selected** - group of 3 buttons for managing records in the **Current Alarm Routing Table**.

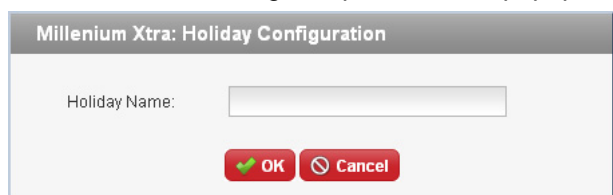
#### Buttons:

**New, Copy, Save, Delete, Cancel, View Report** – set of buttons which allows to create new, copy existing to a new one, save or delete any *Alarm Routing Template*, which is displayed in the left-side part of a screen tree.

**+New** button - lets the operator to create New *Alarm Routing Template*.

**Copy** button - lets the operator to Copy current *Alarm Routing Template* to a new one.

"Alarm Routing Template Name:" popup window will appear:



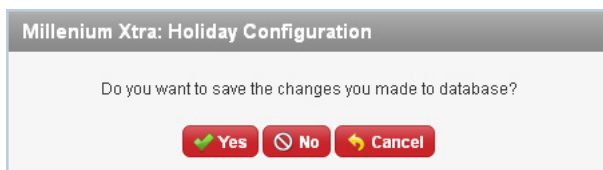
Enter necessary text for the new *Alarm Routing Template* Name.

**Save** button - lets the operator to Save current *Alarm Routing Template*.

**Delete** button - lets the operator to Delete current *Alarm Routing Template*.

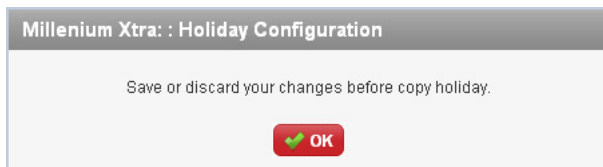
**Cancel** button - clears the Millenium Xtra Operator's input. No changes for the currently displayed *Alarm Routing Template* information will be stored in Millenium Xtra Database.

If current record was changed but not saved, and Millenium Xtra Operator is going to access any other part of the Millenium Xtra System, the following popup will occur:



Press Yes to save changes, No to discard changes, or Cancel to cancel your access to any other part of the Millenium Xtra System.

If current record was changed but not saved, and Millenium Xtra Operator is going to make a copy of the current record (via **Copy** button), the following popup will occur:



Press OK and Save or Cancel your changes, and then press **Copy** button again.

**View Report** button - lets the operator to view system report about available *Alarm Routing Templates*:

Report Results - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://127.0.0.1/Reports/ExternalReportViewer.aspx?TZ=2&ID=21

Routing Template Configuration Report Results

Report Results

Report Name: **Alarm Routing Template** Build on: 4/29/2011 11:24:08 PM

Report parameters: **All Records**

Page 1 of 1 20 records per page, 4 records total

<< < > >> 1 Go To Columns

#	Routing Template Name	Active	Operator Name	Time Period	Routing Level	Routing Type
1	Alarm Default Routing	<input checked="" type="checkbox"/>	ADMIN	Always	Primary	User/Operator
2	Alarm Default Routing	<input checked="" type="checkbox"/>	ADMIN2	Always	Primary	User/Operator
3	Event Default Routing	<input checked="" type="checkbox"/>	ADMIN	Always	Primary	User/Operator
4	Event Default Routing	<input checked="" type="checkbox"/>	ADMIN2	Always	Primary	User/Operator

Print Preview Download to File Close Help

Done

### Buttons:

**Print Preview** – press this button to obtain Report in a print-friendly form

**Download to File** – press this button to download Report to a local file

**Close** – press this button to close Report window

## System Configuration - Alarm Acknowledgement Templates

Alarm Acknowledgement Template Configuration - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://127.0.0.1/SystemConfiguration/alarmacknowledgementtemplate.aspx?ID=1

Alarm Acknowledgement Template ...

Current Threat Level: Normal

System Administration Cardholder Data Event Monitoring Hardware Configuration **System Configuration** Reports Historical Log Maps External Systems

Millenium Xtra

Current Partition: Default Partition Logged User: Admin Time Online: 01:58 Base Online: 23:24

Time Periods Holidays Access Levels Groups Alarm Routing Templates **Alarm Acknowledgement Templates** Alarm/Event Definition Hot Commands Configuration

All Alarm Ack. Templates

→ All controller functions

Door Alarms Template

Input Alarm Events

Input Trouble Event

Invalid Card Holder Events

Alarm Acknowledgement Template Configuration

Template Name: All controller functions

Priority: 1

Acknowledgements: 0

Primary Acknowledgement required within: 00:00:00 hh:mm:ss

Each Auxiliary Acknowledgement required within: 00:00:00 hh:mm:ss

OPTIONS

☒ Active Alarm Clear

☐ Auto Alarm Clear

☒ Acknowledgement Comment Required

Edit Acknowledge Comments

SELECT ALARM ACTION MESSAGE

Controller Alarm Message

Edit Alarm Action Message

Investigate alarm for the controller identified.

New Copy Save Delete Cancel View Report Help

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Done

### Alarm Acknowledgement Template Configuration.

Alarm Acknowledgement Template configuration is used in the Millenium Xtra System for organization of Alarm Acknowledgement Templates, which are used later in different parts of a system. Alarm Acknowledgement Templates are used for creation of various Millenium Xtra System responses for different device-specific or object-specific events. By default, there are five Alarm Acknowledgement Templates in the Millenium Xtra System (All controller functions, Door Alarms Template, Invalid Card Holder Events, Input Alarm Events and Input Trouble Event). Millenium Xtra System Operator can create new and modify existing Alarm Acknowledgement Templates in a way suitable for specific company needs.

Select an existing Alarm Acknowledgement Template using “All Alarm Ack. Templates” tree in the left-side part of a screen. Enter necessary data into corresponding fields. Press **Save** button to save changes for the selected Alarm Acknowledgement Template. Press **Cancel** button to cancel changes for the selected Alarm Acknowledgement Template.

Press **+New** button to add a new Alarm Acknowledgement Template, which is not present in the left-side tree.

### Available Fields and controls:

**Template Name:** – field to assign Alarm Acknowledgement Template Name for the current Alarm Acknowledgement Template. This is an obligatory field for any Alarm Acknowledgement Template. Red asterisk error message (\*) will occur if this field remains empty. **Priority:** – field to assign Event's Priority for the current Alarm Acknowledgement Template. Valid range of values for this field is from 1 to 100 (xx - highest priority, xx - lowest priority). "Priority is wrong." error message will occur if an Operator will try to set this field outside of valid range.

**Acknowledgements:** – field to assign the Number of Acknowledgements for the current Alarm Acknowledgement Template. Valid range of values for this field is from 0 to 40. "Acknowledgements is wrong." error message will occur if an Operator will try to set this field outside of valid range.

**Primary Acknowledgement required within:** – field for setting up of a moment when Primary Acknowledgement will appear. This field has hh:mm:ss format.

"hh:mm:ss Time is wrong." error message will occur if an Operator will try to use another format.

**Each Auxiliary Acknowledgement required within:** – field for setting up of a delay when Each Auxiliary Acknowledgement will appear. This field has hh:mm:ss format.

"hh:mm:ss Time is wrong." error message will occur if an Operator will try to use another format.

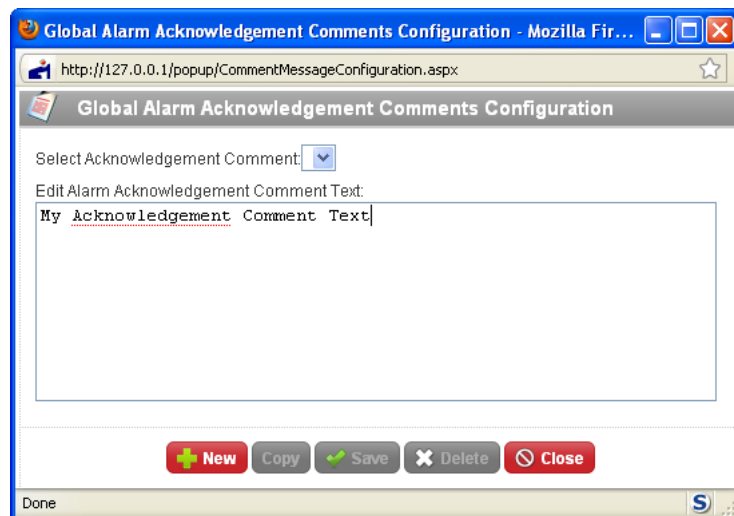
**Options** – group of controls for setting up of additional options, such as Active Alarm Clear, Auto Alarm Clear, Acknowledgement Comment Required, Edit Acknowledge Comments (see below) :

**Active Alarm Clear:** – independent checkbox. When checked, only active alarm for the current Alarm Acknowledgement Template is cleared.

**Auto Alarm Clear:** – independent checkbox. When checked, alarm(-s) for the current Alarm Acknowledgement Template are cleared automatically.

**Acknowledgement Comment Required:** – independent checkbox. When checked, Alarm Acknowledgement Comment(-s), which are set with the help of "Edit Acknowledge Comments" button, will be displayed on alarm.

**Edit Acknowledge Comments** – button for creation / modification / removal of Acknowledge Comment(-s), which may be switched on and off with the help of "Acknowledgement Comment Required:" checkbox. *Global Alarm Acknowledgement Comments Configuration* popup will appear:



### Buttons:

**New, Copy, Save, Delete, Close** – set of buttons which allows to create new, copy existing to a new one, save, delete and close any *Global Alarm Acknowledgement Comment(-s)*.

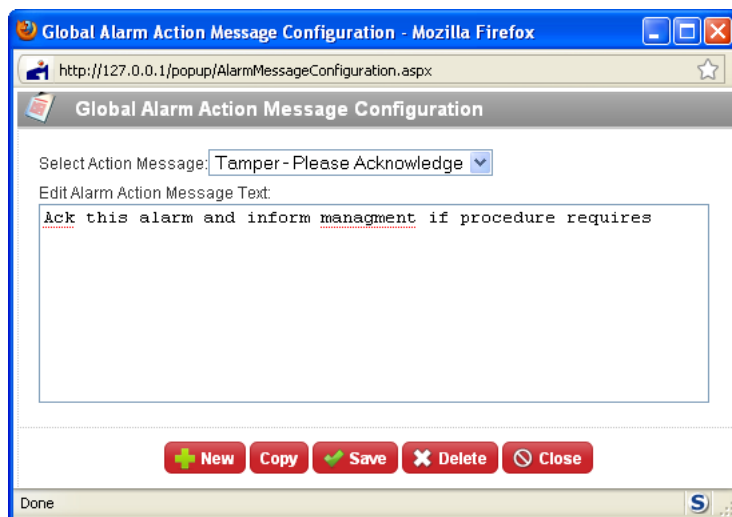
**Select Alarm Action Message** – group of controls for setting up of Alarm Action Message (see below) :



**Alarm Action Message selector** – Combo box for selection of Alarm Action Message for the current Alarm Acknowledgement Template. There are 5 pre-defined alarm action messages in the Millenium Xtra System

- Tamper – Please Acknowledge
- Controller Alarm Message
- Door Alarm Message
- Input Alarm Message
- Cardholder Event Message

**Edit Alarm Action Message** – button for creation / modification / removal of Alarm Action Message(-s), which are displayed in accordance with corresponding Alarm Action Message selector values. *Global Alarm Action Message Configuration* popup will appear:



#### Buttons:

**New, Copy, Save, Delete, Close** – set of buttons which allows to create new, copy existing to a new one, save, delete and close any *Global Alarm Action Message*(-s).

**Grey Memo field** – non-editable field which only displays currently selected *Global Alarm Action Message* for the current Alarm Acknowledgement Template.

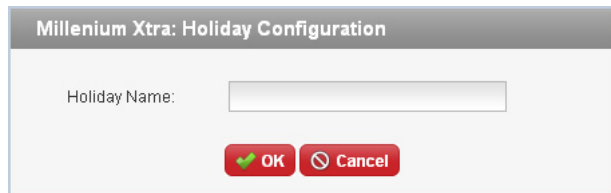
#### Buttons:

**New, Copy, Save, Delete, Cancel, View Report** – set of buttons which allows to create new, copy existing to a new one, save or delete any *Alarm Acknowledgement Template*, which is displayed in the left-side part of a screen tree.

**+New** button - lets the operator to create New *Alarm Acknowledgement Template*.

**Copy** button - lets the operator to Copy current *Alarm Acknowledgement Template* to a new one.

"Alarm Acknowledgement Template Name:" popup window will appear:



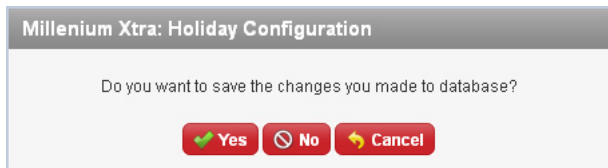
Enter necessary text for the new *Alarm Acknowledgement Template* Name.

**Save** button - lets the operator to Save current *Alarm Acknowledgement Template*.

**Delete** button - lets the operator to Delete current *Alarm Acknowledgement Template*.

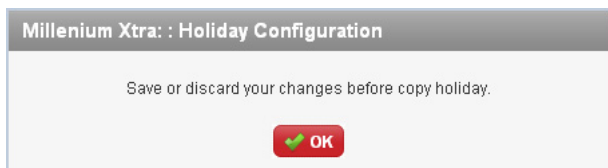
**Cancel** button - clears the Millenium Xtra Operator's input. No changes for the currently displayed *Alarm Acknowledgement Template* information will be stored in the Millenium Xtra Database.

If current record was changed but not saved, and Millenium Xtra Operator is going to access any other part of the Millenium Xtra System, the following popup will occur:



Press Yes to save changes, No to discard changes, or Cancel to cancel your access to any other part of the Millenium Xtra System.

If current record was changed but not saved, and Millenium Xtra Operator is going to make a copy of the current record (via **Copy** button), the following popup will occur:



Press OK and Save or Cancel your changes, and then press **Copy** button again.

**View Report** button - lets the operator to view system report about available *Alarm Acknowledgement Templates*:

Report Results - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://127.0.0.1/Reports/ExternalReportViewer.aspx?TZ=2&ID=25

Alarm Acknowledgement Template Con... Report Results

Report Results

Report Name: **Alarm Acknowledgement Template**

Report parameters: **All Records**

Page 1 of 1 20 records per page, 5 records total

#	Ack. Template Name	Priority	Number of Acknowledgements	Primary Ack. Time	Secondary Ack. Time	Alarm Action Message
1	All controller functions	1	0			Investigate alarm for the controller identified.
2	Door Alarms Template	10	0			Door operation alarm. Investigate door identified and acknowledge.
3	Invalid Card Holder Events	20	0			Cardholder operation event. Investigate card use identified and acknowledge.
4	Input Alarm Events	10	0			Input operation alarm. Investigate input identified and acknowledge.
5	Input Trouble Event	20	0			Input operation alarm. Investigate input identified and acknowledge.

Print Preview Download to File Close Help

Done

### Buttons:

**Print Preview** – press this button to obtain Report in a print-friendly form

**Download to File** – press this button to download Report to a local file

**Close** – press this button to close Report window

## System Configuration - Alarm/Event Definition

Alarm/Event Definition - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://127.0.0.1/SystemConfiguration/alarmeventdefinition.aspx?ID=0&device=1

Alarm/Event Definition

Current Threat Level: Normal

System Administration Cardholder Data Event Monitoring Hardware Configuration **System Configuration** Reports Historical Log Maps External Systems

Millenium Xtra

Current Partition: Default Partition Logged User: Admin Time Online: 02:01 Base Online: 23:27

Time Periods Holidays Access Levels Groups Alarm Routing Templates Alarm Acknowled. Templates **Alarm/Event Definition** Hot Commands Configuration

Controllers

→ All Controllers

Controller-1

Controller-2

Controller-3

Doors

Elevators

Outputs

Inputs

Cardholders

Sites

Door Groups

Elevator Groups

Output Groups

Input Groups

Cardholder Groups

Alarm/Event Definition

Selected Device Name: All Controllers Event Name: Starting Controller download

Alarm Trigger Delay: 00:00:00 hh:mm:ss

Alarm Acknowledgement Template: All controller functions Alarm Time Period: 8-5pm Mon-Fri

LINK TO AN OUTPUT

Output: Controller-1-RCD-1 Supervisor

Output Time Period:

SELECT TEMPLATES

Routing Template: Alarm Default Routing

Camera Template:

Intercom Template:

CURRENT DEFINITIONS

Clear / New Add / Update Delete Selected

Alarm Name	Ask Template	Alarm Trigger Delay	Alarm Time Period	Output Event	Output Time
All Controllers-Starting Controller download	All controller functions	00:00:00	8-5pm Mon-Fri	Controller-1-RCD-1 Supervisor Relay	

Save Cancel Defined Alarms/Events View Report Help

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Done

## Alarm/Event Definition

Alarm/Event Definition configuration is used in the Millenium Xtra System for organization of Alarm/Event Definitions (rules) for specific system devices, such as Controllers, Doors, Elevators, Outputs, Inputs, Cardholders, Sites, Door Groups, Elevator Groups, Output Groups, Input Groups, Cardholder Groups. Alarm/Event Definitions also may be imagined as time dependent correlations between devices, events, alarm acknowledgement templates, routing templates and outputs. By default, there are no Alarm/Event Definitions in the Millenium Xtra System. Millenium Xtra System Operator can create new and modify existing Alarm/Event Definition in a way suitable for specific company needs.

Select an existing device for configuration of its Alarm/Event Definition using “devices” tree in the left-side part of a screen. Enter necessary data into corresponding fields. Press **Save** button to save changes for the selected Alarm/Event Definition. Press **Cancel** button to cancel changes for the selected Alarm/Event Definition. All dependencies for the current Alarm/Event Definition are stored in the *CURRENT DEFINITIONS Table* and are managed with the help of **Clear / New, Add / Update, Delete Selected** buttons .

Approximate “devices” tree depends on specific devices (objects), which were previously set up, is shown below. Example of “devices” tree:

- **Controllers**
  - All Controllers
  - DCD-2
  - DCD-1
  - DCD-3
  - DCD-1/2
  - DCD-2/2
- **Doors**
  - All Doors
  - Door-1
  - Door-2
  - Door-3
- **Elevators**
  - All Elevators
  - Elevator-1
  - Elevator-2
  - Elevator-3
- **Outputs**
  - All Outputs
  - DCD-1/2 RCD 0 Supervisor Relay
  - DCD-2/2 RCD 0 Supervisor Relay
  - MyOutput
- **Inputs**
  - All Inputs
  - Input-Door-1(DCD-1)
  - Input-Door-2(DCD-2)
  - Input-Door-3(DCD-3)
- **Cardholders**
  - Cardholders
- **Sites**
  - All Sites
  - Site-1 Communication
  - Site-2 Communication
  - Site-3 Communication
  - Site-4 Communication
- **Door Groups**
  - All Door Groups
- **Elevator Groups**
  - All Elevator Groups
- **Output Groups**
  - All Output Groups
- **Input Groups**

- All Input Groups
- Cardholder Groups

#### Available Fields and controls:

**Selected Device Name:** – non-editable field which shows Selected Device Name. This field corresponds exactly to currently selected device in “devices” tree in the left-side part of a screen.

**Event Name:** – Combo box for selection of an Event name for current dependency. There are following built-in Event names in the Millenium Xtra System:

- Closed and locked
- Unlocked
- REX is active
- Denied Access: Invalid token presented
- Auto Unlock
- Unlock End
- Momentary Unlock
- Operator command:Lock
- Executed operator command:Lock
- Operator command failed:Lock
- Operator command:Unlock
- Executed operator command:Unlock
- Operator command failed:Unlock
- Operator command:Momentary Unlock
- Executed operator command:Momentary Unlock
- Operator command failed:Momentary Unlock
- Operator command:Normal
- Executed operator command:Normal
- Operator command failed:Normal
- Operator command:Momentary Forgive APB
- Executed operator command:Momentary Forgive APB
- Operator command failed:Momentary Forgive APB
- Door secured, PIN required
- Tamper Alarm
- Tamper Alarm Reset
- Bypass
- Bypass Reset

**Alarm Acknowledgement Template:** – Combo box for selection of an Alarm Acknowledgement Template name for current dependency. There are following built-in Alarm Acknowledgement Template names in the Millenium Xtra System:

**All controller functions**

**Door Alarms Template**

**Invalid Card Holder Events**

**Input Alarm Events**

## Input Trouble Event

This list may be changed by adding new or removing existing Alarm Acknowledgement Templates (see corresponding section). Red asterisk error message (\*) will occur if this field is empty.

**Alarm Trigger Delay:** – Field for entering of Alarm Trigger Delay. This field has format *hh:mm:ss*. Red asterisk error message (\*) will occur if format of this field is violated.

**Alarm Time Period:** – Combo box where Time Period should be chosen among existing list of Millenium Xtra System Time Periods. There are three pre-defined Time Period values in the Millenium Xtra System: Never, Always, 8-5pm Mon-Fri. This list may be changed by adding new or removing existing Time Period values (see corresponding section). Red asterisk error message (\*) will occur if this field is empty.

**Link to an Output** – group of 2 Combo boxes to provide link to Output (see below)

**Output:** – Combo box to select necessary Output among available in the system. Red asterisk error message (\*) will occur if this field is empty.

**Output Time Period:** – Combo box to select necessary Output Time Period among available for the selected Output.

**Select Templates** – group of 3 Combo boxes to provide necessary routing / hardware templates (see below)

**Routing Template:** – Combo box to select necessary Alarm Routing Template among available in the system. There are two pre-defined Alarm Routing Templates in the Millenium Xtra System: Alarm Default Routing, Event Default Routing. This may be changed by adding new or removing existing Alarm Routing Templates (see corresponding section). Red asterisk error message (\*) will occur if this field is empty.

**Camera Template:** – Combo box to select necessary Camera Template among available in the system.

**Intercom Template:** – Combo box to select necessary Intercom Template among available in the system.

**CURRENT DEFINITIONS Table:** – table which has 9 columns - Alarm Name, Ask Template, Alarm Trigger Delay, Alarm Time Period, Output Event, Output Time Period, Routing Template, Camera Template, Intercom Template. Use buttons Clear/New, Add/Update, Delete Selected to manage records in the CURRENT DEFINITIONS Table.

**Clear / New, Add / Update, Delete Selected** – group of 3 buttons for managing records in the **CURRENT DEFINITIONS Table**.

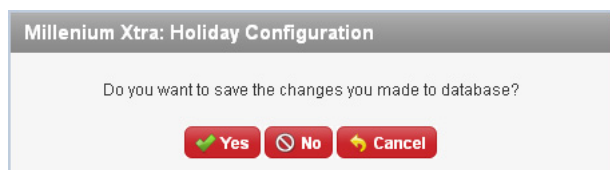
## Buttons:

**Save, Cancel, Defined Alarms/Events, View Report** – set of buttons which allows to save or cancel saving of any *Alarm/Event Definition set* (which is displayed in the left-side part of a screen tree), as well as view predefined Alarms/Events set(-s) and view report about existing *Alarm/Event Definitions*.

**Save** button - lets the operator to Save current *Alarm/Event Definition set*.

**Cancel** button - clears the Millenium Xtra Operator's input. No changes for the currently displayed *Alarm/Event Definition set* information will be stored in the Millenium Xtra Database.

If current record was changed but not saved, and Millenium Xtra Operator is going to access any other part of the Millenium Xtra System, the following popup will occur:



Press Yes to save changes, No to discard changes, or Cancel to cancel your access to any other part of the Millenium Xtra System.

**Defined Alarms/Events** - lets the operator to view current *Alarm/Event Definition set* in **Defined Alarms/Events** mode.

**Device List** - lets the operator to view current *Alarm/Event Definition set* in **Device List** mode

**View Report** button - lets the operator to view system report about available *Alarm/Event Definitions*:



Report Results - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://127.0.0.1/Reports/ExternalReportViewer.aspx?TZ=2&ID=24

Alarm/Event Definition Report Results

Report Results

Report Name: **Alarms Configuration**

Report parameters: **All Records**

Page 1 of 1 20 records per page, 1 records total

#	Alarm/Event Definition Name	Ask. Template	Alarm Trigger Delay	Alarm Time Period	Output Name	Output Time Period	Routing Template
1	All Controllers-Starting Controller download	All controller functions	00:00:00	8-5pm Mon-Fri	Controller-1-RCD-1 Supervisor Relay		Alarm Default Routin

Print Preview Download to File Close Help

Done

### Buttons:

**Print Preview** – press this button to obtain Report in a print-friendly form

**Download to File** – press this button to download Report to a local file

**Close** – press this button to close Report window

## System Configuration - Hot Commands Configuration

The screenshot shows the 'Hot Commands Configuration' web application running in Mozilla Firefox. The browser's address bar displays the URL: `http://127.0.0.1/SystemConfiguration/hotcommands.aspx?ID=0`. The application's header includes a navigation menu with tabs: System Administration, Cardholder Data, Event Monitoring, Hardware Configuration, System Configuration (highlighted), Reports, Historical Log, Maps, and External Systems. Below the header, a status bar shows 'Current Threat Level: Normal', 'Current Partition: Default Partition', 'Logged User: Admin', 'Time Online: 00:24', and 'Base Online: 00:43'. The main interface features a sidebar on the left with a tree view under 'All Commands' showing 'No items'. The main content area is titled 'Hot Commands Configuration' and contains the following fields: 'Hot Command Name:' (text input), 'Device Type:' (dropdown menu with 'Controllers' selected), 'Device:' (dropdown menu with 'Controller-1' selected), and 'Command:' (dropdown menu with 'Online' selected). Below these fields are six buttons: '+ New', 'Copy', 'Save', 'Delete', 'Cancel', and 'Help'. The footer of the application displays the copyright notice '@2000-2011 Millennium Group, Inc.' and links for 'Change Password', 'Company Info', 'Privacy Policy', and 'Open in Separate Window'.

Hot Commands configuration is used in the Millenium Xtra System for Hot Commands management. User can set up as many command(-s) as required for quick and easy control of different devices.

By default, there are no Hot Commands in the Millenium Xtra System. Millenium Xtra System Operator can create new and modify Hot Commands in a way suitable for specific user needs.

Select necessary command using "All Commands" tree in the left-side part of a screen. Press **+New** button to add a new Hot Command, which is not present in the left-side tree.

Select an existing Hot Command inside required subgroup of objects using "All Commands" tree in the left-side part of a screen. Enter necessary data into corresponding fields. Press **Save** button to save changes for the selected Hot Command. Press **Cancel** button to cancel changes for the selected Hot Command.

### Available Fields and Controls:

**Hot Command Name:** – Field to assign Name for the current Hot Command. This is an obligatory field for any Hot Command. An error message “Hot Command Name is empty” will occur if this field remains empty.

**Device Type:** – Combo box where Device Type value should be chosen when a new Hot Command is being created or an existing Hot Command is being edited. Select necessary Device Type using this Combo box among 8 available in the Millenium Xtra System - Controllers, Doors, Readers, Regions, Inputs, Outputs, Cardholders, Door Groups.

**Device:** – Combo box where the Name of a specific device (for which the selected Hot Command should be applied to) should be chosen. List of devices varies on selected Device Type (see previous description).

**Command:** – Combo box with the set of specific commands, where specific command should be chosen. List of specific commands varies on selected Device (see previous description).

See also for full description of commands below.

### Commands vs devices (depending on device types):

**All Device Types:**

## Controllers, Doors, Readers, Regions, Inputs, Outputs, Cardholders, Door Groups

Device Type: **Controllers**

Device (for example): Controller-1

Command: **Online, Offline**

Device Type: **Doors**

Device (for example): Controller-1-Door-1

Command: **Lock, Unlock, Momentary**

Device Type: **Readers**

Device (for example): Controller-2-Reader-1

Command: **Online, Offline**

Device Type: **Regions**

Device (for example): Region1

Command: **Set to Maximum Count, Reset Count**

Device Type: **Inputs**

Device (for example): Controller-1-DR-1-Egress

Command: **Online, Offline, Shunt, Clear Shunt**

Device Type: **Outputs**

Device (for example): Controller-1-Output-6

Command: **Activate, De-activate, Pulse**

Device Type: **Cardholders**

Device (for example): Frank Daniels

Command: **Forgive APB, Cardholder In/Out, Active/Inactive**

Device Type: **Door Groups**

Device (for example): Door Group#1

Command: **Lock, Unlock, Momentary**

### Buttons:

**+New, Copy, Save, Delete, Cancel** – set of buttons which allows to create new, copy existing to a new one, save or delete any of *Hot commands*, which are displayed in the left-side part of a screen tree.

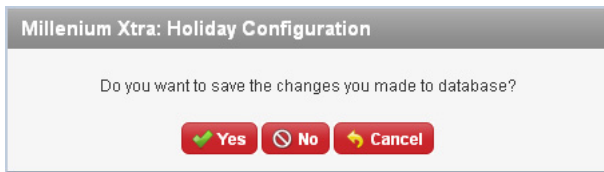
**+New** button - lets the operator to create New *Hot command*.

**Save** button - lets the operator to Save current *Hot command*.

**Delete** button - lets the operator to Delete current *Hot command*.

**Cancel** button - clears the Millenium Xtra Operator's input. No changes for the currently displayed *Hot command* information will be stored in the Millenium Xtra's Database.

If current record was changed but not saved, and Millenium Xtra Operator is going to access any other part of the Millenium Xtra System, the following popup will occur:



Press Yes to save changes, No to discard changes, or Cancel to cancel your access to any other part of the Millenium Xtra System.

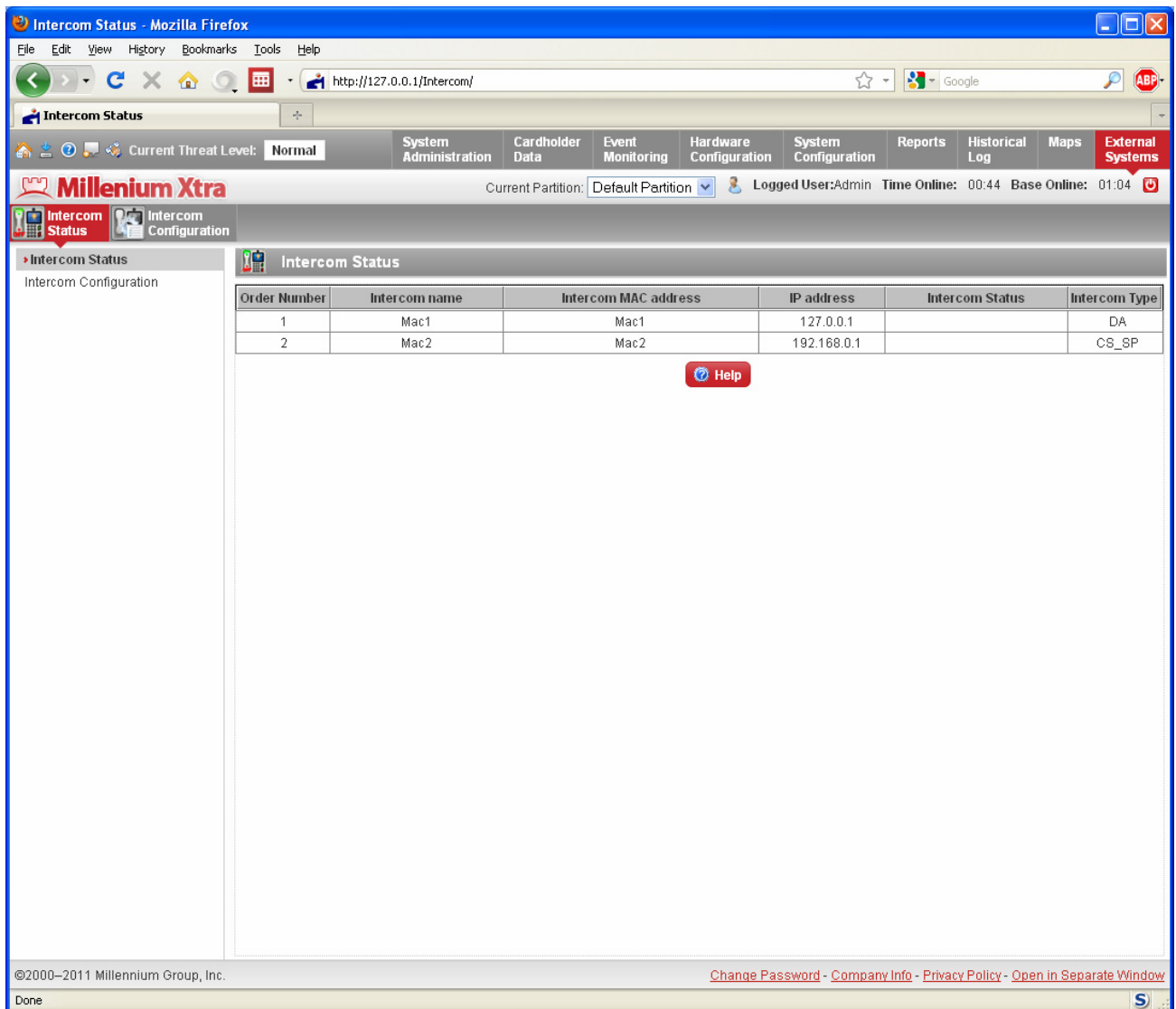
## External Systems

Order Number	Intercom name	Intercom MAC address	IP address	Intercom Status	Intercom Type
1	Mac1	Mac1	127.0.0.1		DA
2	Mac2	Mac2	192.168.0.1		CS_SP

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This section of the Millenium Xtra System is intended for viewing and configuring of any external devices. For example, Intercom status may be viewed as well as any available Intercom devices may be configured. All the information about Millenium Xtra System Hardware Devices is stored in 2 tabs: Intercom Status tab and Intercom Configuration tab.

## External Systems - Intercom



Intercom Status - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://127.0.0.1/Intercom/

Intercom Status

Current Threat Level: **Normal**

System Administration Cardholder Data Event Monitoring Hardware Configuration System Configuration Reports Historical Log Maps **External Systems**

Millenium Xtra

Current Partition: Default Partition Logged User: Admin Time Online: 00:44 Base Online: 01:04

Intercom Status Intercom Configuration

Intercom Status

Intercom Configuration

Order Number	Intercom name	Intercom MAC address	IP address	Intercom Status	Intercom Type
1	Mac1	Mac1	127.0.0.1		DA
2	Mac2	Mac2	192.168.0.1		CS_SP

Help

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Done

## External Systems - Intercom Status

Intercom Status - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://127.0.0.1/Intercom/

Intercom Status

Current Threat Level: Normal

System Administration Cardholder Data Event Monitoring Hardware Configuration System Configuration Reports Historical Log Maps External Systems

Millenium Xtra

Current Partition: Default Partition Logged User: Admin Time Online: 00:44 Base Online: 01:04

Intercom Status Intercom Configuration

Intercom Status

Intercom Configuration

Order Number	Intercom name	Intercom MAC address	IP address	Intercom Status	Intercom Type
1	Mac1	Mac1	127.0.0.1		DA
2	Mac2	Mac2	192.168.0.1		CS_SP

Help

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Done

Intercom status is displayed in a table for all available Intercom devices in the Millenium Xtra System.

Available fields:

**Order Number** – order number of Intercom device

**Intercom name** – name of Intercom device

**Intercom MAC address** – MAC address (physical address) of Intercom device

**IP address** – IP address of Intercom device

**Intercom Status** – current status of Intercom device

**Intercom Type** – type of Intercom device

There are no controls for this screen. All the information may only be viewed.



## External Systems - Intercom Configuration

Intercom Configuration is necessary for configuring Intercom devices which are available in the Millenium Xtra System.

**Left-side Menu** on the operator's screen displays all available Intercom devices.

Click the required Intercom device in the **Left-side Menu** to view or change its settings.

Fields and controls on the operator's screen may vary depending on type of currently selected Intercom device.

a) Available fields and controls for **DA type** of Intercom device:

**Intercom Name** – field to assign name for the Intercom device

**MAC** – field to view MAC address for the Intercom device

**Type** – field to view type for the Intercom device

**Current status** – field that shows current Intercom status

**ASSIGNED TO** – group of two combo boxes, which allow make assignments for currently selected Intercom device

#### Buttons:

**Save** button – lets the operator to Save settings for currently selected Intercom device

**Delete** button – lets the operator to Delete currently selected Intercom device

**Reset** – button to Reset currently selected Intercom device

b) Available fields and controls for **CS\_SP** type of Intercom device:

Intercom Configuration - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://127.0.0.1/Intercom/intercomconfig.aspx?ID=0

Intercom Configuration

Current Threat Level: Normal System Administration Cardholder Data Event Monitoring Hardware Configuration System Configuration Reports Historical Log Maps External Systems

Millenium Xtra Current Partition: Default Partition Logged User: Admin Time Online: 00:44 Base Online: 01:04

Intercom name: Mac2 MAC: Mac2 Type: CS\_SP Current Status:

USER CONFIGURATION

User Name	Password
User1	qwerty

ASSIGNED TO

Door Door-1

Add Edit Delete

Zone 1 Configuration Sensor type Zone type Relay Delay 0

Zone 2 Configuration Sensor type Zone type Relay Delay 0

Zone 3 Configuration Sensor type Zone type Relay Delay 0

Zone 4 Configuration Sensor type Zone type Relay Delay 0

Zone 5 Configuration Sensor type Zone type Relay Delay 0

Zone 6 Configuration Sensor type Zone type Relay Delay 0

Zone 7 Configuration Sensor type Zone type Relay Delay 0

Zone 8 Configuration Sensor type Zone type Relay Delay 0

Save Delete Disable Alarm Unlock SP Reset Help

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Done

**Intercom Name** – field to assign name for the Intercom device

**MAC** – field to view MAC address for the Intercom device

**Type** – field to view type for the Intercom device

**Current status** – field that shows current Intercom status

**ASSIGNED TO** – group of two combo boxes, which allow make assignments for currently selected Intercom device

**USER CONFIGURATION** – Table with user account records and 3 buttons (Add, Edit, Delete).

Press Add button to add a new record (User Name, Password) to the table. Enter User Name and corresponding Password and press OK button in the pop-up window.

Click on required record in **USER CONFIGURATION** Table, and then press Edit button to edit the selected record.

Click on required record in **USER CONFIGURATION** Table, and then press Delete button to delete the selected record.

**Zone configuration controls** – the set of 8 similar control sets which allow configuring Sensor Types, Zone Types and Relay Delays for these 8 zones:

Zone *n* Configuration

**Sensor Type** – set of 3 Radio buttons to assign Sensor Type for Zone (Open; Close; Bypassed)

**Zone Type** – set of 2 Radio buttons to assign Zone Type for Zone (Supervised; Not Supervised)

**Relay Delay** – combo box to choose Relay Delay if required for Zone.

#### Buttons:

**Save** button – lets the operator to Save settings for currently selected Intercom device

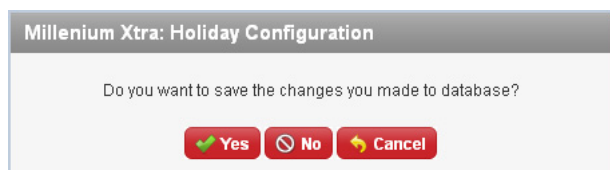
**Delete** button – lets the operator to Delete currently selected Intercom device

**Disable Alarm** – button to disable Alarm for currently selected Intercom device

**Unlock SP** – button to unlock SP for currently selected Intercom device

**Reset** – button to Reset currently selected Intercom device

If current record was changed but not saved, and Millenium Xtra Operator is going to access any other part of the Millenium Xtra System, the following popup will occur:



Press Yes to save changes, No to discard changes, or Cancel to cancel your access to any other part of the Millenium Xtra System.

## External Systems - CCTV

An Internet protocol camera, or IP camera, is a type of digital video camera commonly employed for surveillance, and which unlike analog closed circuit television (CCTV) cameras can send and receive data via a computer network and the Internet. Although most cameras that do this are webcams, the term "IP camera" or "netcam" is usually applied only to those used for surveillance.

There are two kinds of IP cameras:

Centralized IP cameras, which require a central Network Video Recorder (NVR) to handle the recording, video and alarm management.

Decentralized IP cameras, which do not require a central Network Video Recorder (NVR), as the cameras have recording functionality built-in and can thus record directly to digital storage media, such as flash drives, hard disk drives or network attached storage.

In order to address issues of standardization of IP video surveillance, two industry groups were formed in 2008: the Open Network Video Interface Forum (ONVIF) and the Physical Security Interoperability Alliance (PSIA). While the PSIA was founded by 20 member companies including Honeywell, GE Security and Cisco, and ONVIF was founded by Axis Communications, Bosch and Sony, each group now has numerous members. As of January 2009, each group had released version 1.0 of their specification.

CCTV is a common abbreviation for Closed-circuit television, a system of remote monitoring using cameras. CCTV devices in Millenium Xtra System are added and configured via

**System Administration – Customer Settings – CCTV Settings**

**System Administration – Customer Settings – CCTV Camera Synchronization**

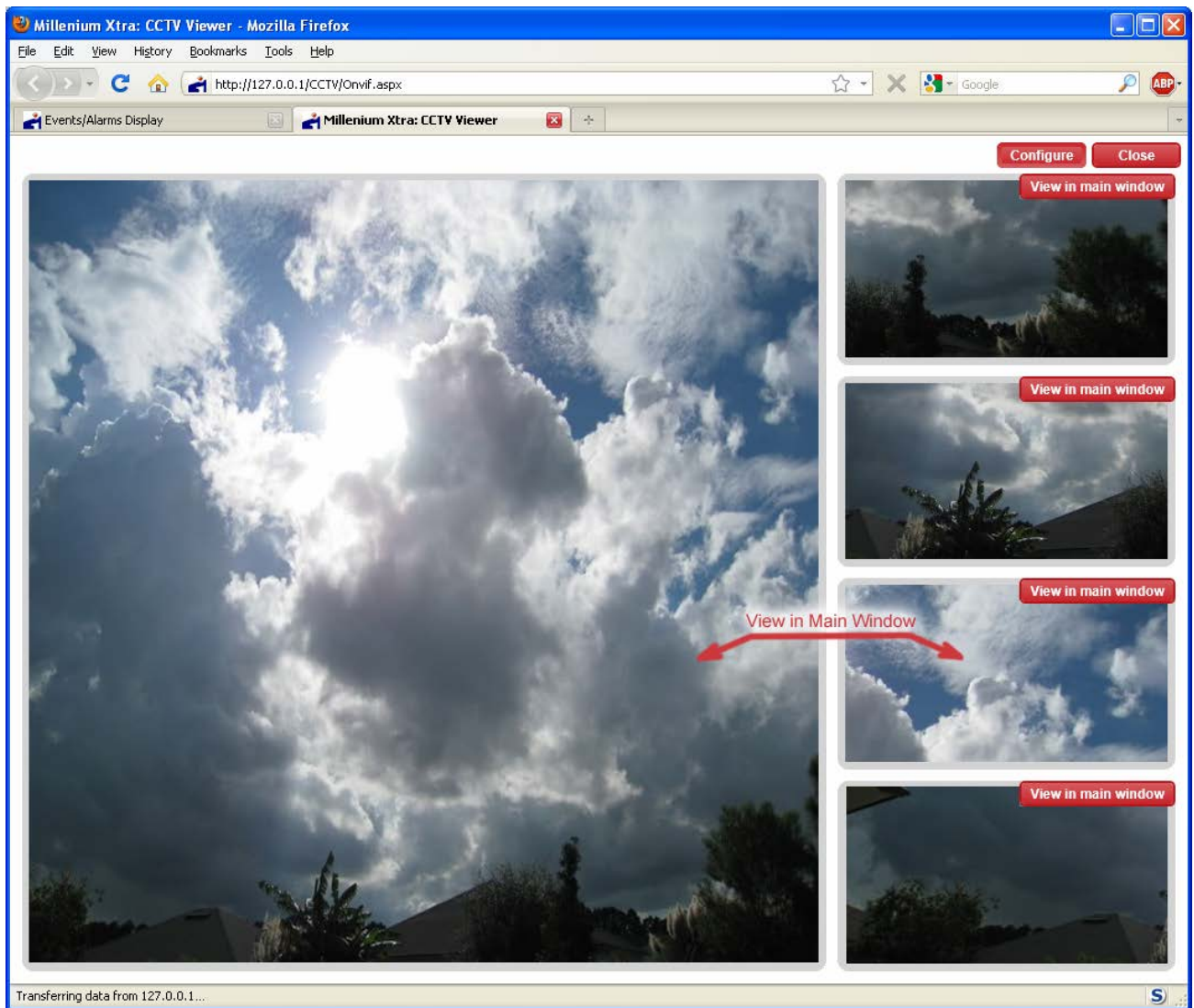
**System Administration – Customer Settings – ONVIF CCTV Cameras**

After a successful installation of CCTV device(-s) an additional button(-s) will appear in the Millenium Xtra software interface. So, **Event Monitoring** screens (**View Events**, **View Alarms** sections) will now contain **View Live Video** buttons:

The screenshot displays the Millenium Xtra software interface. At the top, there's a navigation bar with tabs: System Administration, Cardholder Data, **Event Monitoring** (highlighted), Hardware Configuration, System Configuration, Reports, Historical Log, Maps, and External Systems. Below this, a secondary bar shows 'Current Partition: Default Partition', 'Logged User: admin', 'Time Online: 00:57', and 'Base Online: 11:32'. The main interface area has a left sidebar with icons for Events/Alarms Display, Cardholder's Data, Operator Control, Controller Download, Image Verification, and Event Monitor Configuration. The main content area features buttons for 'View Alarms (0)', 'Install External AM', 'View Live Video', 'Enable Image Verification', and 'Full Screen'. Below these buttons is a table titled 'Event Monitor (1) Event Filter: All Events'.

Time	Category	Name	Status	Origin
8/31/2012 10:34:52 GMT +03:00	Operator	ADMIN	Operator logged on	

After the CCTV Viewer of Millenium Xtra software is configured, the System Operator can easily view as well as **live**, as well as **recorded** videos from cameras.



Millenium Xtra software supports IP Configure, OnSSI and ONVIF standards of CCTV devices. All the details of ONVIF cameras configuration are described in details below.

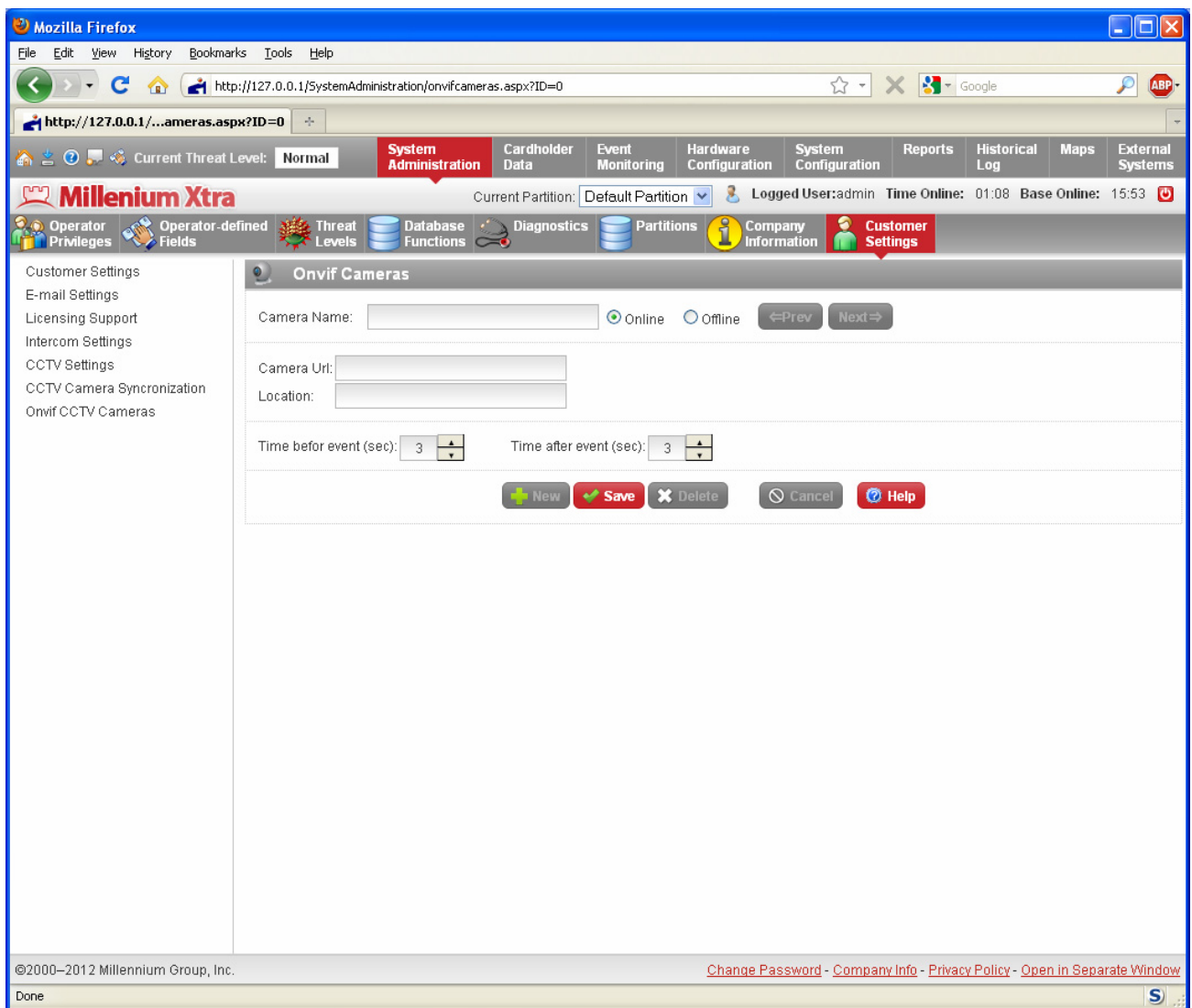
## External Systems - ONVIF CCTV Cameras

The ONVIF Core Specification aims to standardize the network interface (on the network layer) of network video products. It defines a network video communication framework based on relevant IETF and Web Services standards including security and IP configuration requirements. The following areas are covered by the Core Specification version 1.0:

- IP configuration
- Device discovery
- Device management
- Media configuration
- Real time viewing
- Event handling
- PTZ camera control
- Video analytics
- Security

ONVIF utilizes IT industry technologies including SOAP, RTP, and Motion JPEG, MPEG-4, and H.264 video codecs. Later releases of the ONVIF specification (version 2.0) also covers storage and additional aspects of analytics.





**ONVIF CCTV Cameras** Settings allow Millenium Xtra Operator to set up CCTV cameras which satisfy ONVIF Standards. ONVIF is committed to the adoption of IP in the security market. The ONVIF specification will ensure interoperability between products regardless of manufacturer.

Available fields and controls:

**Camera Name** – text field to input Camera Name (put ANY camera name here)

**Camera Url** – text field to input Camera Url (something like the text string given below:  
**rtsp://10.0.1.42/onvif-media/media.amp** )

**Location** – text field to input Camera Location (put ANY camera description here)

**Time before event (sec):** – field to assign time before event (in seconds; 3 seconds by default)

**Time after event (sec):** – field to assign time after event (in seconds; 3 seconds by default)

**Online / Offline** – two Radio buttons to switch current ONVIF camera ON or OFF

Buttons:

**New** – button to add a new ONVIF Camera

**Save** – button to save current ONVIF Camera settings

**Delete** – button to remove currently selected ONVIF Camera record

**Cancel** – button to cancel (don't save) changes within currently selected ONVIF Camera record.



## External Systems - ONVIF CCTV Cameras, Adding

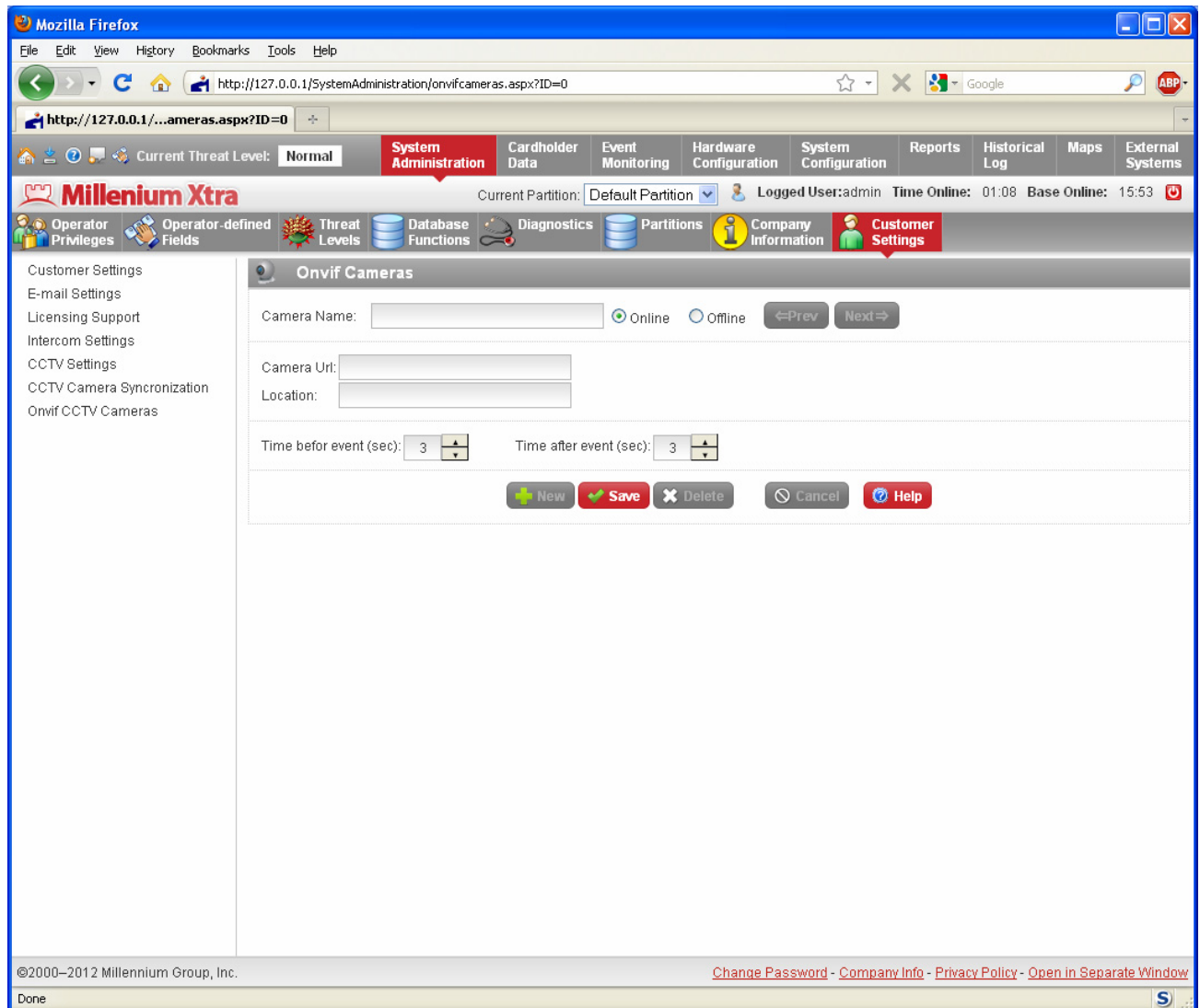
Before adding new cameras, check your CCTV settings:

**System Administration – Customer Settings – CCTV Settings**

To add a new ONVIF CCTV Camera, choose

**System Administration – Customer Settings – ONVIF CCTV Cameras**

using the corresponding software interface menu items.



Press **New** button.

Input **Camera Name**.

Input **Camera Url** using the RTSP protocol, IP address, and Path to your media location.

For example, the following text string for the Camera Url is correct:

**rtsp://10.0.1.42/onvif-media/media.amp**

Input **Location**. (put any description in the corresponding field)

Choose the appropriate video timing parameters:

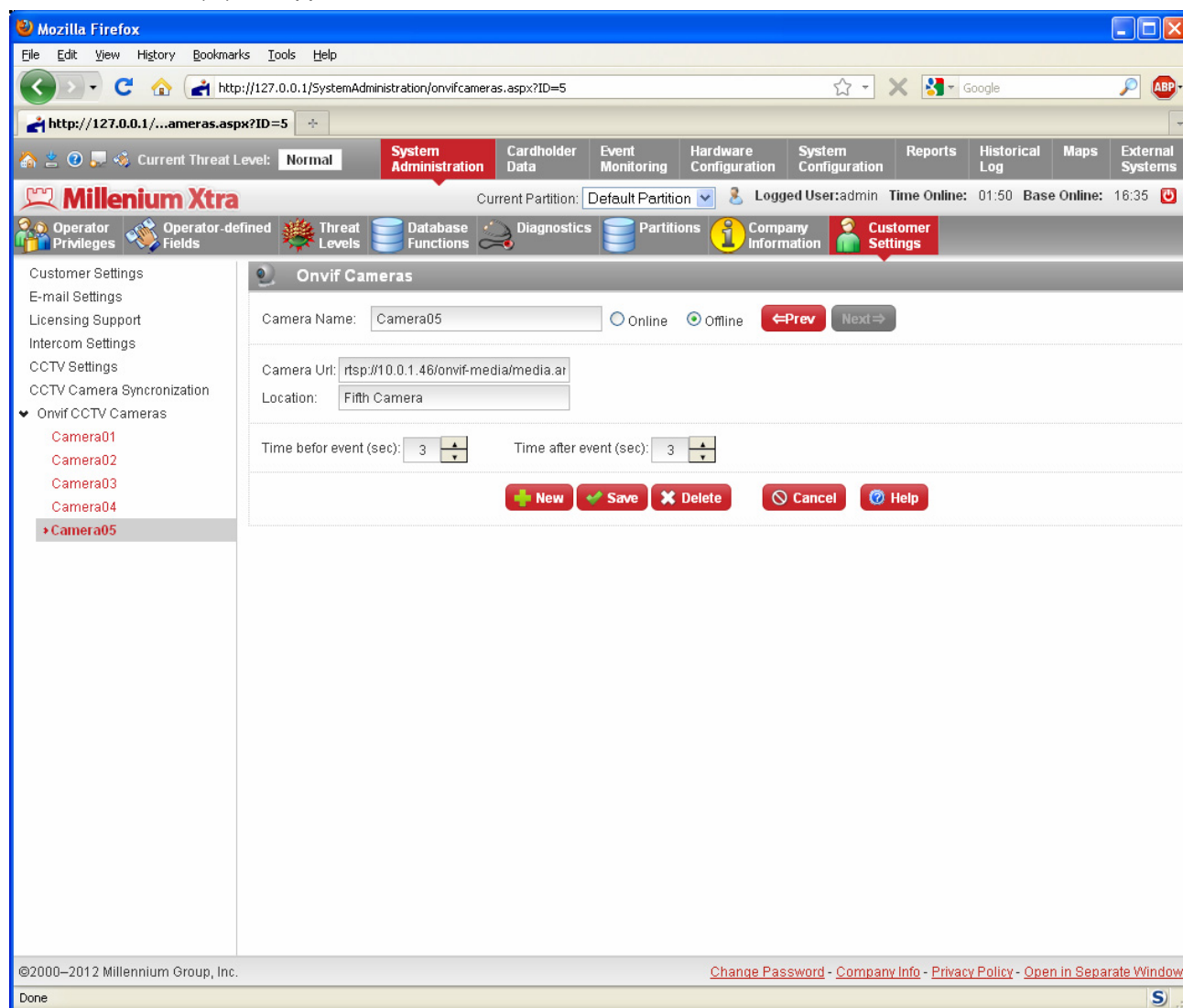
**Time before event (sec)** – assign any time before the event (in seconds; 3 seconds by default)

**Time after event (sec)** – assign any time after the event (in seconds; 3 seconds by default)

Check that **Online** Radio button is selected.

Press **Save** button.

The new Camera(-s) will appear in the **Left-side Menu**:



After that you may configure and view your camera videos.

## External Systems - ONVIF CCTV Cameras, Configure Live Video

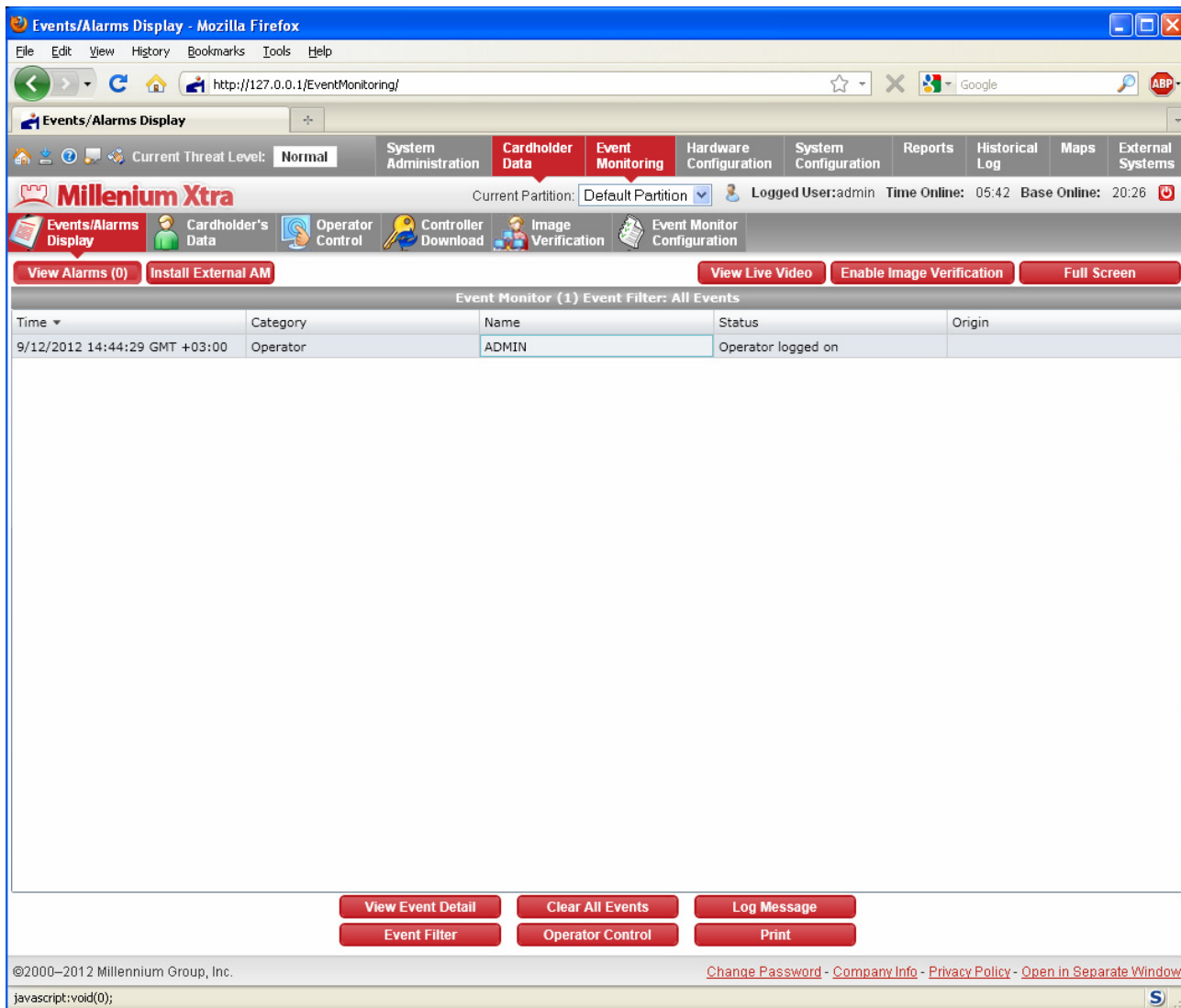
To configure Live Video, proceed the following steps:

Navigate to

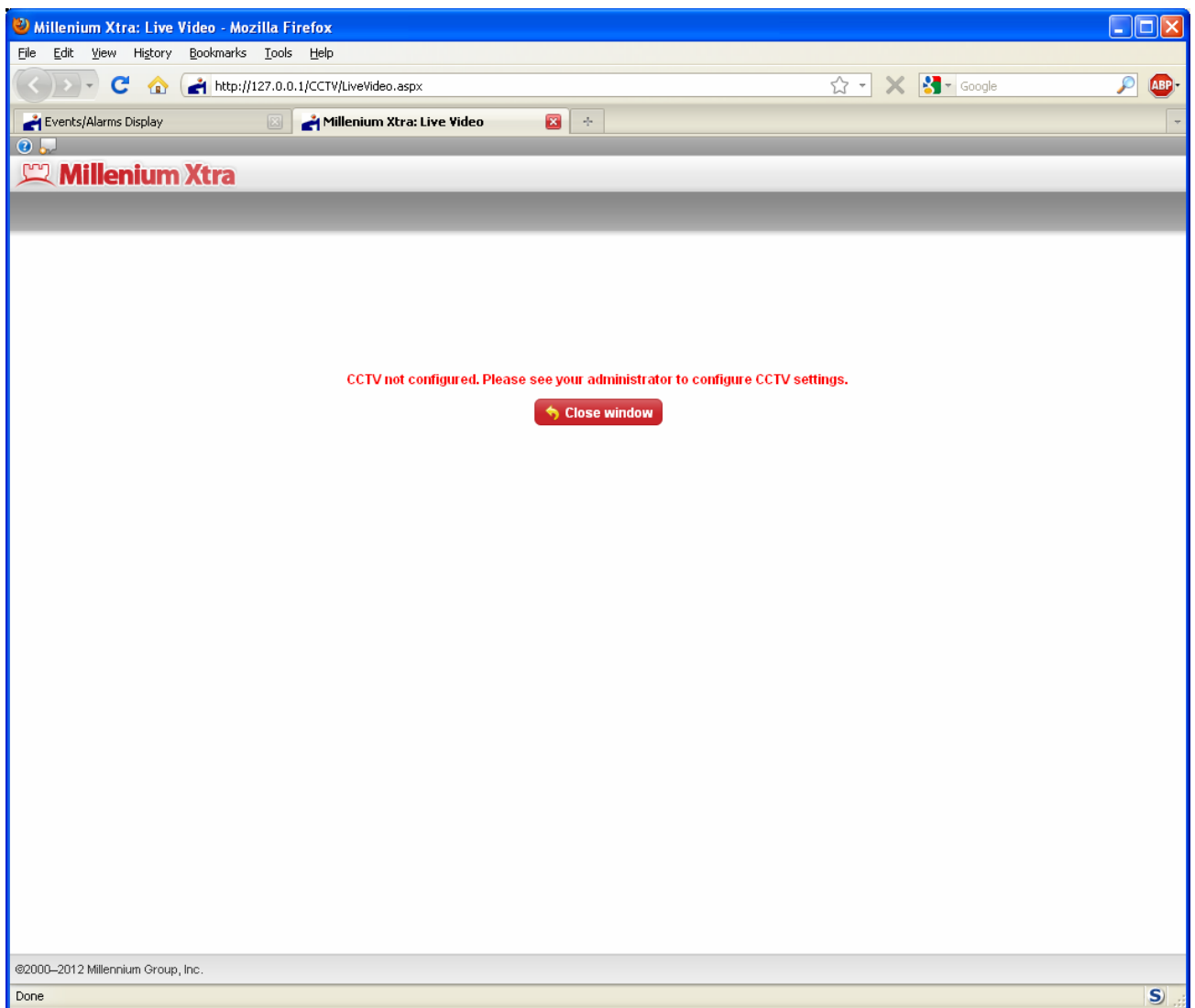
### Event Monitoring – Events/Alarms display

using the corresponding software interface menu items.

Press **View Live Video** button:



If there were some kind of errors during CCTV configuration or ONVIF Cameras configuration, the following message may occur:



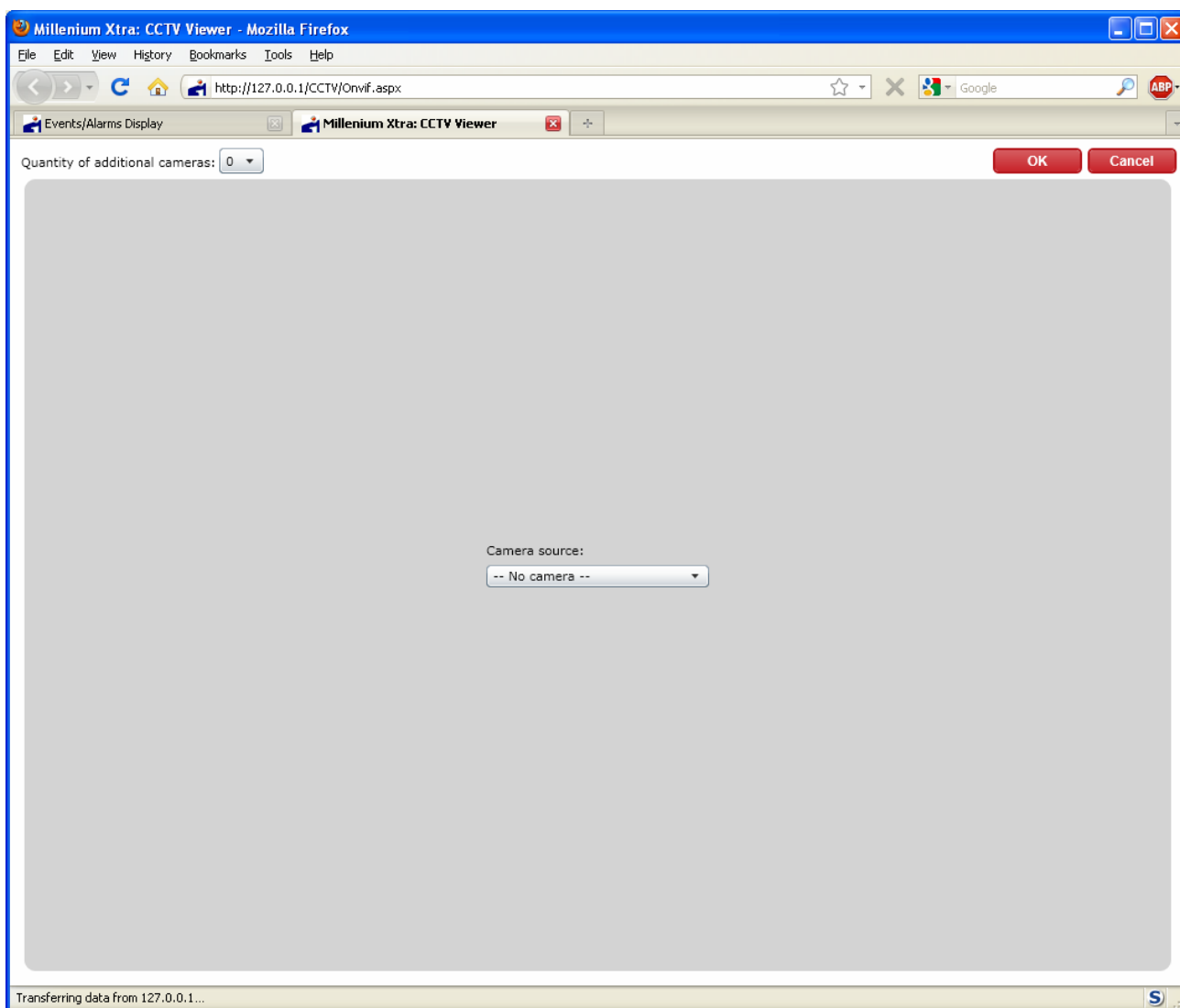
Repeat CCTV configuration in this case.  
If your screen will look like



that means that everything is OK but your viewer requires some configuration.

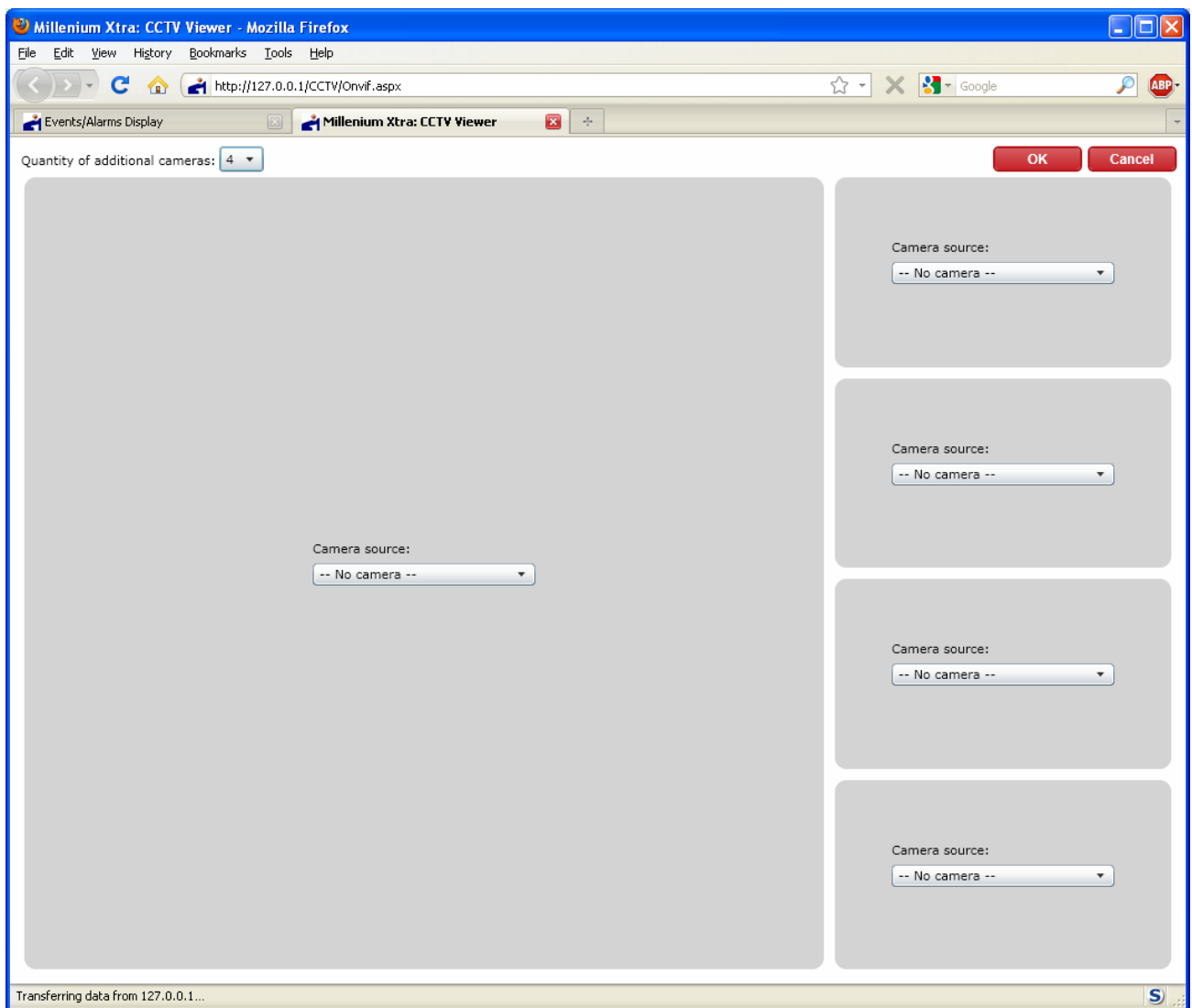
Press **Configure** button.

The following screen will appear:

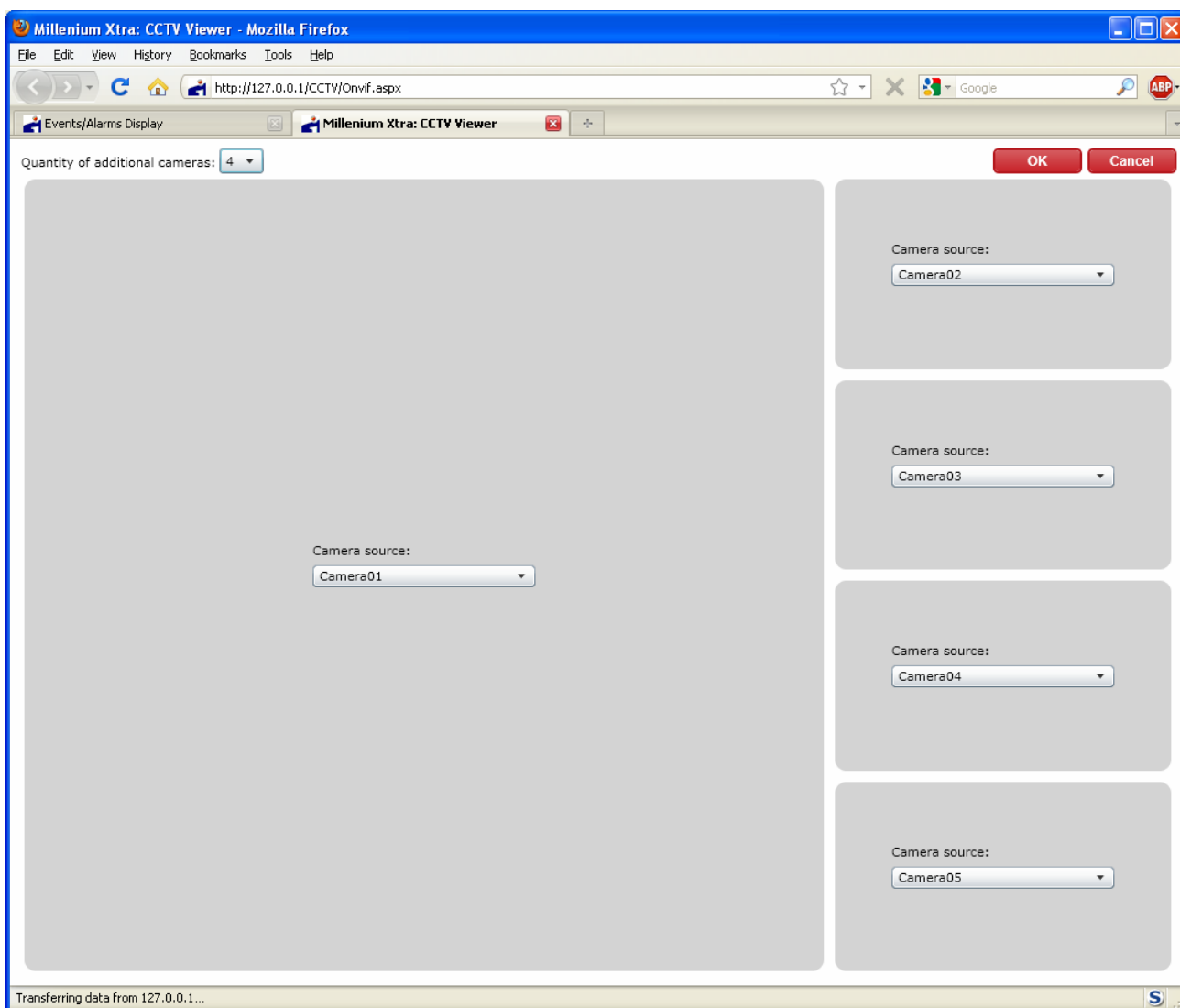


You need to assign the quantity of additional cameras (if they exist), as well as select Camera Source(-s) for your screen layout.

Let's use 4 additional Cameras:



Assign all the Camera's sources as required:

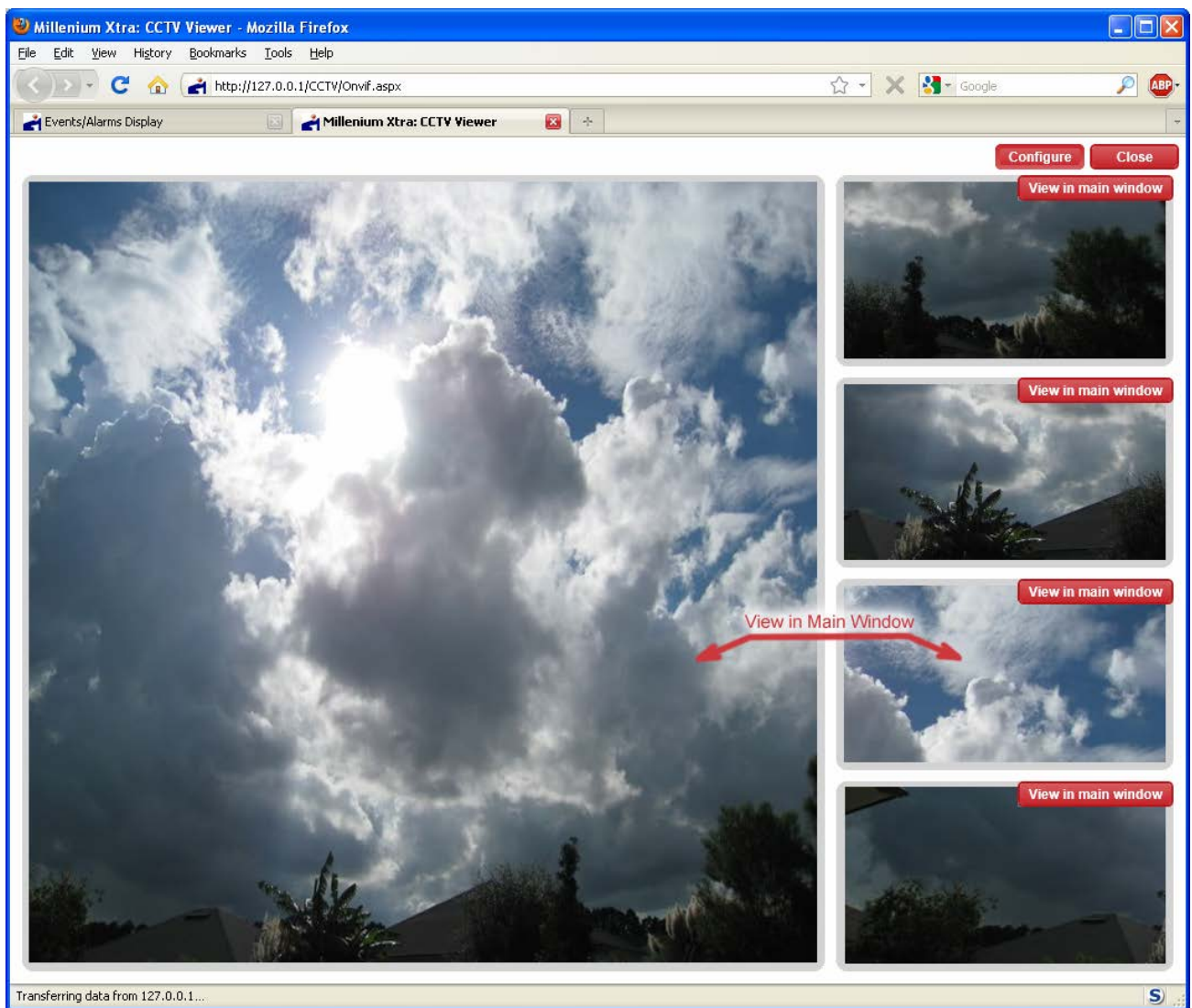


Press OK button.

Viewer configuration is complete.

If all the cameras are online and properly configured, you will obtain live videos from all of your cameras:





Use **View in main window** button to change viewports as required.

## External Systems - ONVIF CCTV Cameras, View Live Video

To view Live Video, proceed the following steps:

Navigate to

### Event Monitoring – Events/Alarms display

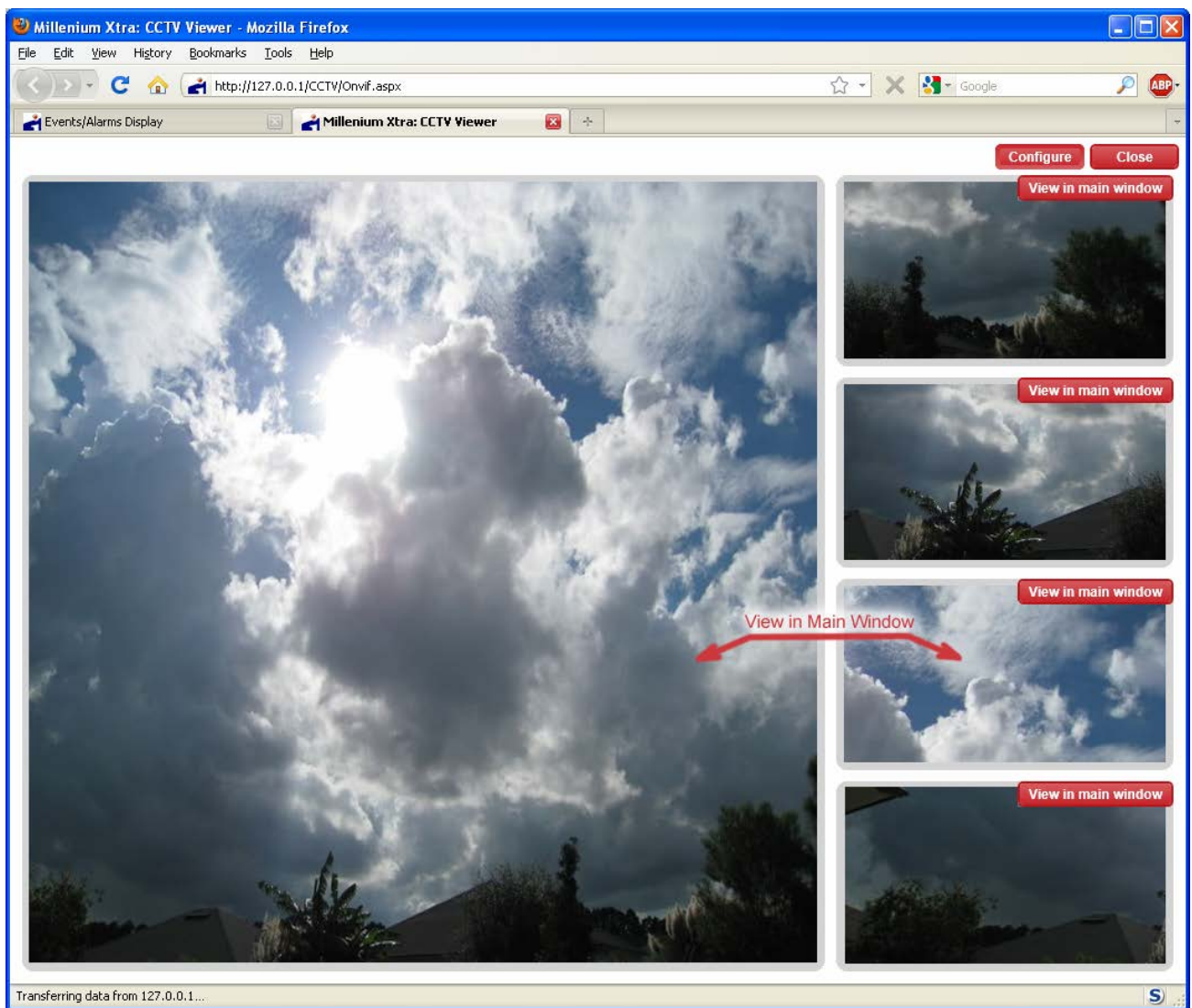
using the corresponding software interface menu items.

Press **View Live Video** button:

The screenshot shows the 'Events/Alarms Display' web application running in Mozilla Firefox. The browser's address bar shows the URL 'http://127.0.0.1/EventMonitoring/'. The application interface includes a top navigation bar with tabs for 'System Administration', 'Cardholder Data', 'Event Monitoring' (which is active), 'Hardware Configuration', 'System Configuration', 'Reports', 'Historical Log', 'Maps', and 'External Systems'. Below this is a 'Current Threat Level: Normal' indicator and a 'Current Partition: Default Partition' dropdown. The 'Logged User: admin' is shown with 'Time Online: 05:42' and 'Base Online: 20:26'. The main content area features a table titled 'Event Monitor (1) Event Filter: All Events' with columns for Time, Category, Name, Status, and Origin. A single event is listed: '9/12/2012 14:44:29 GMT +03:00' for 'Operator' with name 'ADMIN' and status 'Operator logged on'. At the bottom of the interface are buttons for 'View Event Detail', 'Clear All Events', 'Log Message', 'Event Filter', 'Operator Control', and 'Print'. The footer contains copyright information for Millennium Group, Inc. and links for 'Change Password', 'Company Info', 'Privacy Policy', and 'Open in Separate Window'.

Time	Category	Name	Status	Origin
9/12/2012 14:44:29 GMT +03:00	Operator	ADMIN	Operator logged on	

If all the cameras are online and properly configured, you will obtain live videos from all of your cameras:



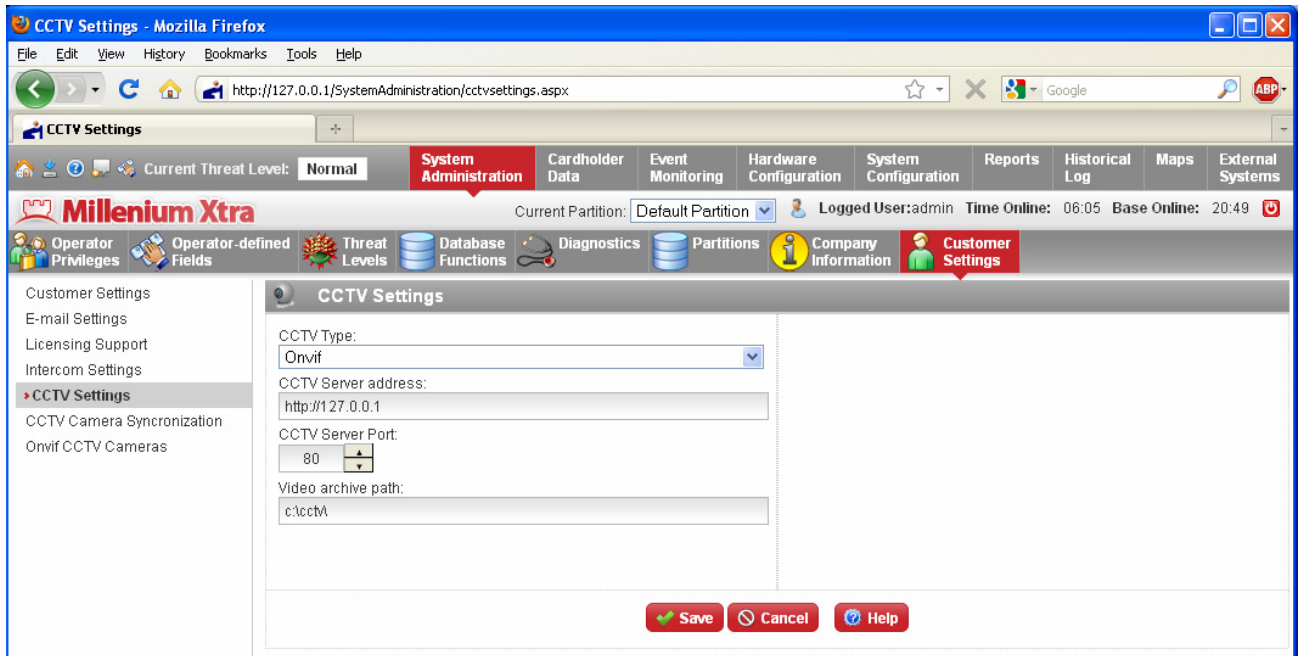
Use **View in main window** button to change viewports as required.

## External Systems - ONVIF CCTV Cameras, Setting Up Alarms

Millenium Xtra software allows viewing not only live video(-s). You may assign to save video(-s) for any required event or alarm. Video is saved in .asf format and is put in the folder which was selected during

### System Administration – Customer Settings – CCTV Settings

Usually the path to save video (**Video archive path:** parameter) is set to c:\cctv\ :



Navigate to

### Event Monitoring – Events/Alarms display

using the corresponding software interface menu items.

Press **View Alarms** button to see if there were already some kind of alarms.

If there were no alarms at all, **install** the required alarm(-s) on any of the required event(-s).

Navigate to

### System Configuration – Alarm/Event Definition

When installing new alarm(-s), select the required **Camera Template** to store the alarm's video as shown on the picture below:

**Alarm/Event Definition - Mozilla Firefox**

File Edit View History Bookmarks Tools Help

http://127.0.0.1/SystemConfiguration/alarmeventdefinition.aspx?ID=31&device=2

**Alarm/Event Definition**

Current Threat Level: **Normal** System Administration Cardholder Data Event Monitoring Hardware Configuration **System Configuration** Reports Historical Log Maps External Systems

Millenium Xtra Current Partition: Default Partition Logged User: admin Time Online: 01:16 Base Online: 11:50

Time Periods Holidays Access Levels Groups Alarm Routing Templates Alarm Acknowled. Templates **Alarm/Event Definition** Hot Commands Configuration

Controllers  
Doors  
All Doors  
Controller-1-Door-1  
Controller-1-Door-2  
Controller-2-Door-1  
Elevators  
Outputs  
Inputs  
Cardholders  
Sites  
Door Groups  
Elevator Groups  
Output Groups  
Input Groups  
Cardholder Groups  
System

**Alarm/Event Definition**

Selected Device Name: Controller-1-Door-1 Event Name: Open and Unlocked  
Event Source: Any **Select Event Source**

☒ Create an Alarm Definition ☐ Create an Event Definition Alarm Trigger Delay: 00:00:00 hh:mm:ss  
Alarm Acknowledgement Template: Door Alarms Template Alarm Time Period: Always

**LINK TO AN OUTPUT**  
Output: Controller-1-RCD-1 Supervisor  
Output Action: Activate  
Output Time Period:   
**LINK TO AN INPUT**  
☒ Input ☐ Input Groups Controller-1-Inp-1  
Input Time Period: Always  
Duration Time: 00:00:00 hh:mm:ss  
Action: ☒ Shunt ☐ Unshunt

**SELECT TEMPLATES**  
Routing Template: Alarm Default Routing  
Camera Template: Camera\_01  
Intercom Template:   
Hot Command:

**CURRENT DEFINITIONS**  
**Clear / New** **Add / Update** **Delete Selected**

Is Alarm	Alarm Name	Ask Template	Alarm Trigger Delay	Alarm Time Period	Output
<input checked="" type="checkbox"/>	Controller-1-Door-1-Open and Unlocked	Door Alarms Template	00:00:00	Always	Controller-1-RCD-1 Supervisor Relay

**Save** **Cancel** **Defined Alarms/Events** **View Report** **Help**

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Done

**Camera Template** is chosen by specifying the corresponding **Camera Name**.

If necessary, **generate** the required alarm using

### **Event Monitoring – Operator Control**

Navigate again to

### **Event Monitoring – Events/Alarms display**

using the corresponding software interface menu items.

Press **View Alarms** button to see if the required alarm(-s) appeared.

Double-click on the desired alarm.

The following screen will appear:



Events/Alarms Display - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://127.0.0.1:EventMonitoring/

Events/Alarms Display

Current Threat Level: **Normal**

System Administration Cardholder Data **Event Monitoring** Hardware Configuration System Configuration Reports Historical Log Maps External Systems

Millenium Xtra

Current Partition: Default Partition Logged User: admin Time Online: 06:26 Base Online: 21:11

Events/Alarms Display Cardholder's Data Operator Control Controller Download Image Verification Event Monitor Configuration

View Events Install External AM View Live Video Enable Image Verification Full Screen

Alarm Monitor (1)

Time	Category	Name	Priority/Status	Alarm Condition
8/14/2012 06:59:39 GMT -05:00	Output	Controller-1-RCD-1 Supervisor Rela	10:Acked/Triggered:(0/0)	Activated

**Alarm Detail**

**Alarm Information**

Priority status: 10:Acked/Triggered:(0/0)

Time: 8/14/2012 06:59:39 GMT -

Category: Output

Name: Controller-1-RCD-1 Superv

Condition: Activated

Comment: Not Required

**Pending Alarms**

Active Alarms: 0

Highest Priority: 10

**Go To**

Alarm Action Message & Existing Acknowledgements

Door operation alarm. Investigate door identified and acknowledge. No operator acknowledgements are required for this alarm.

**View Live Camera Video View Alarm Video Clip Close**

Active: 0 Unresolved: 0

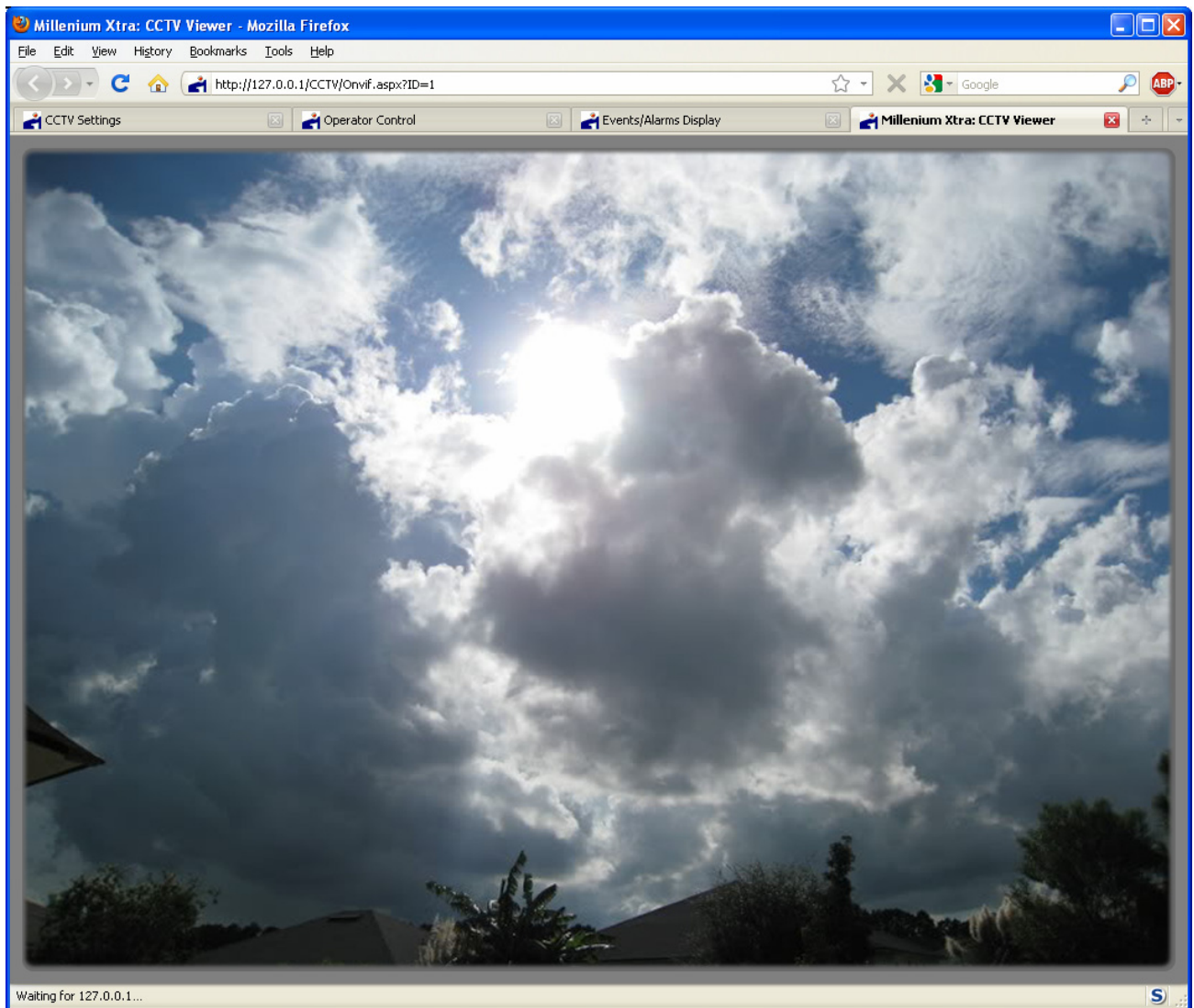
**View Alarm Detail Acknowledge Alarm Clear Selected Alarm Clear Resolved Alarms**

**Operator Control Print**

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Waiting for 127.0.0.1...

Press **View Alarm Video Clip** button.  
Watch the saved video:



**Note.** The saved video files have the following mask:

**Camera1\_2012-07-03T11-25-28\_20.asf** ,

where

**Camera1** – Source Camera Name

**2012-07-03** – Date of saved video (yyyy-mm-dd)

**11-25-28** – Time of saved video (hh:mm:ss)

**20** – duration of saved video (seconds)

## External Systems - ONVIF CCTV Cameras, View Video On Alarm

Videos on Alarm are saved in .asf format.

These video files are saved in the folder which was selected during

### System Administration – Customer Settings – CCTV Settings

Usually the path to save this type of video (**Video archive path:** parameter) is set to c:\cctv\

To view Videos on Alarm, navigate to

### Event Monitoring – Events/Alarms display

using the corresponding software interface menu items.

Press **View Alarms** button to see if the required alarm(-s) appeared.

Double-click on the desired alarm.

The following screen will appear:

Events/Alarms Display - Mozilla Firefox

http://127.0.0.1/EventMonitoring/

Events/Alarms Display

Current Threat Level: Normal

System Administration Cardholder Data **Event Monitoring** Hardware Configuration System Configuration Reports Historical Log Maps External Systems

Millenium Xtra

Current Partition: Default Partition Logged User: admin Time Online: 06:26 Base Online: 21:11

Events/Alarms Display Cardholder's Data Operator Control Controller Download Image Verification Event Monitor Configuration

View Events Install External AM View Live Video Enable Image Verification Full Screen

Alarm Monitor (1)

Time	Category	Name	Priority/Status	Alarm Condition
8/14/2012 06:59:39 GMT -05:00	Output	Controller-1-RCD-1 Supervisor Rela	10:Acked/Triggered:(0/0)	Activated

**Alarm Detail**

**Alarm Information**

Priority status: 10:Acked/Triggered:(0/0)

Time: 8/14/2012 06:59:39 GMT -

Category: Output

Name: Controller-1-RCD-1 Superv

Condition: Activated

Comment: Not Required

**Pending Alarms**

Active Alarms: 0

Highest Priority: 10

Go To

Alarm Action Message & Existing Acknowledgements

Door operation alarm. Investigate door identified and acknowledge. No operator acknowledgements are required for this alarm.

View Live Camera Video View Alarm Video Clip Close

Active: 0 Unresolved: 0

View Alarm Detail Acknowledge Alarm Clear Selected Alarm Clear Resolved Alarms

Operator Control Print

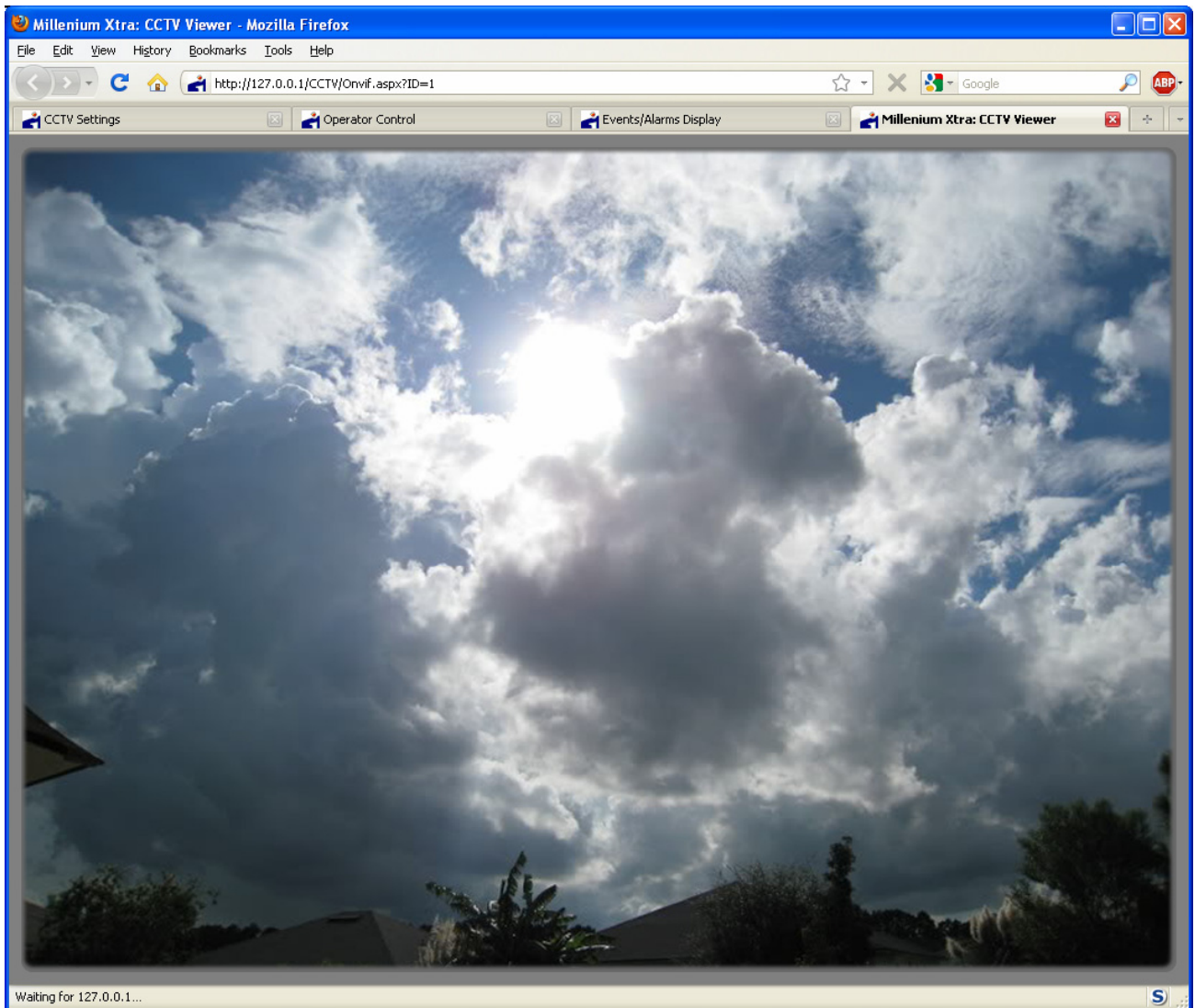
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Waiting for 127.0.0.1...



Press **View Alarm Video Clip** button.

Watch the saved video:



**Note.** The saved video files have the following mask:

**Camera1\_2012-07-03T11-25-28\_20.asf** ,

where

**Camera1** – Source Camera Name

**2012-07-03** – Date of saved video (yyyy-mm-dd)

**11-25-28** – Time of saved video (hh:mm:ss)

**20** – duration of saved video (seconds)



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