



CMS PRO Software Manual - Beta

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Revision Record

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1 Introduction

1.1 Summary

CMS Pro has been developed to control the DVR, various Network Camera's image data and I/O Control efficiently.

The DVR and IP CAMERA supplier focuses on how many number of screens could be shown on one screen and how it could be controlled. Thus, Live screen of 16, 32 64 multi screens could be seen. But we would require thinking about the bandwidth when multi channels are transmitted.

Central Monitoring System (CMS Pro) could control the image and data by screen and it shows great countermeasures during emergency by getting screen and urgent data.

Also, it has point of doing efficient control of other remote site's DVR by central monitoring system.

The CMS Pro able to do the following functions to able to execute for constructing central monitoring system.

- Unlimited DVR register
- Monitoring 256 channels on one screen (1 Screen 64Ch X 4 Screen)
- Support up to 4 Multi-Monitor
- Live screen display for each screen type
- Surveillance functions for E-Map
- Device Event and information monitoring for Status Screen
- Remote recording and remote backup function
- PTZ Control
- Event view function for Alarm control (Motion, Sensor, Site Connection logs)

CMS allows user to manage the setup of DVR (System setup / Recording Setup) and retrieve the recording data of DVR from remote site.

Through E Map, users can notice Alarm, Events easily and allow control the alarm.

256 channels live monitoring feature provides more powerful centralized management ability to the observer

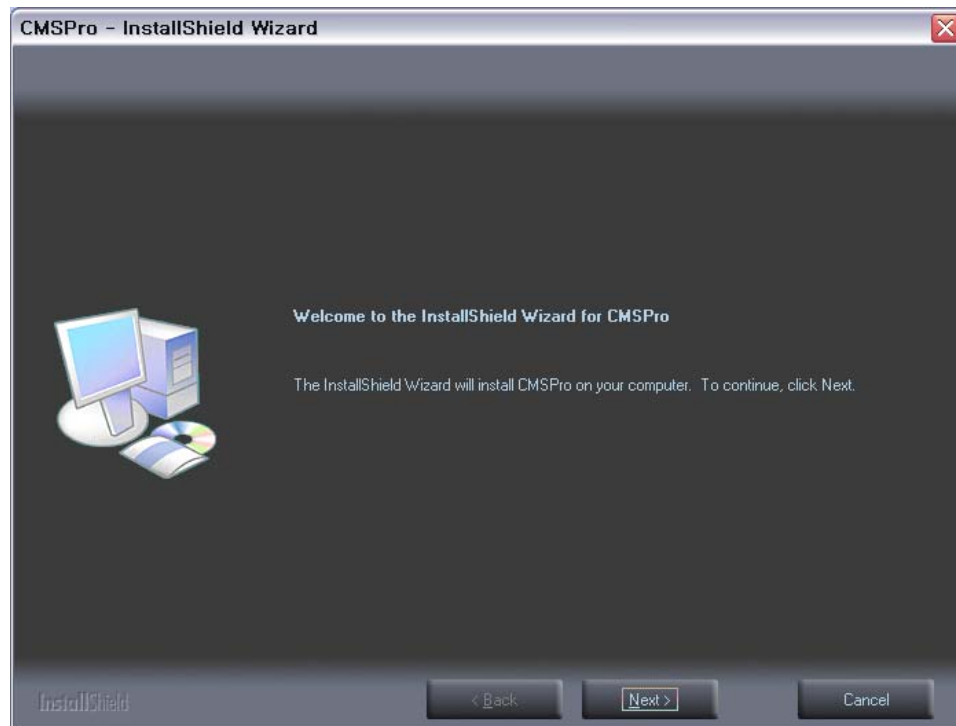
1.2 System Requirements

Items	Minimum Requirements
CPU	Core 2 Duo 3.0 GHz or higher
RAM	2GB MB or higher
O/S	Windows XP Professional or higher
Acceleration	DirectX® 8.0 or higher
Resolution	1280 x 1024 as a minimum
Video Card	NVIDIA GeForce 8500 GT 512MB or higher
Network Card	1000Base-TX (1Gbps) or higher operation; must match the network configuration

NOTE: Recommended PC specifications for Central Management Software (CMS Pro).

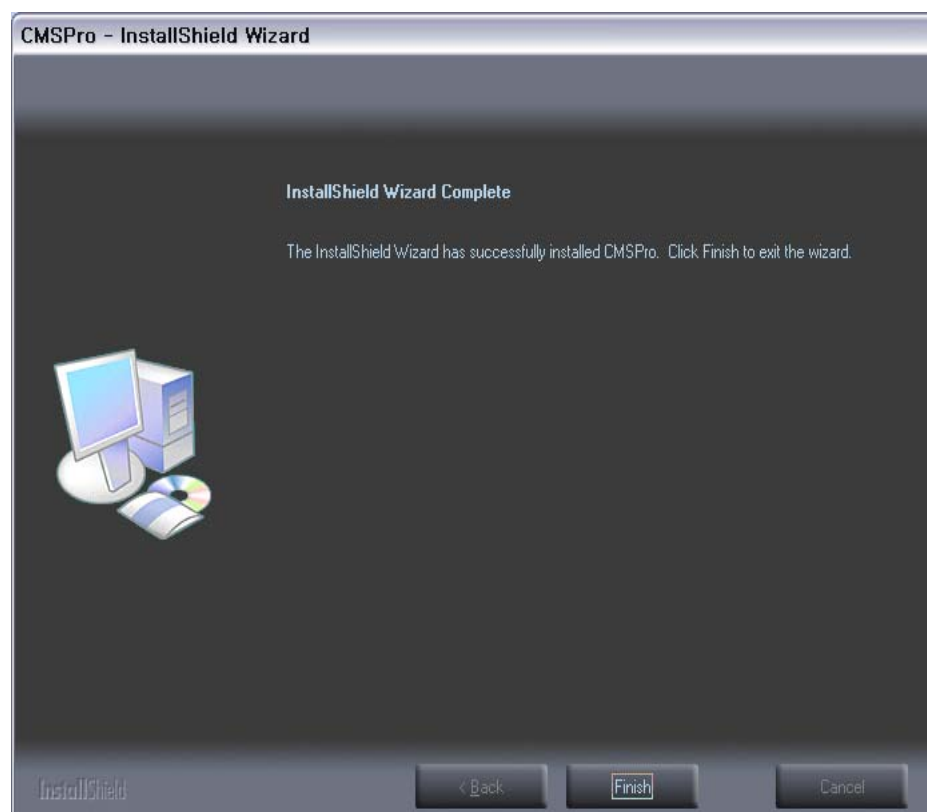
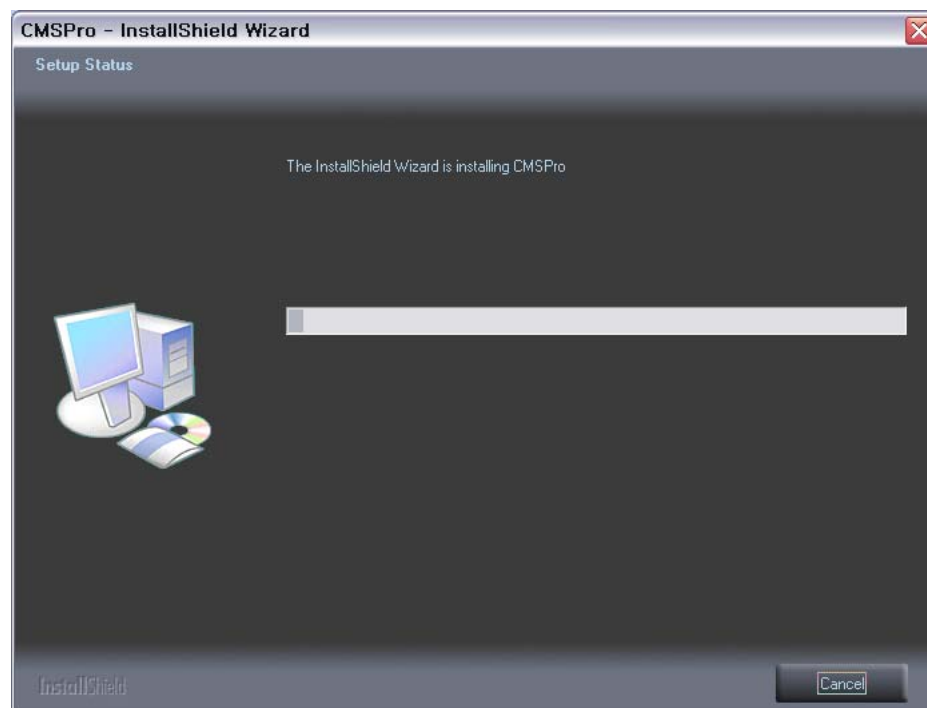
1.3 Installing Guide

- Insert the Installation CMS Pro disk on the CD/DVD Drive. The following screen as below would appear by Install Shield Wizard.
- Press [Next] button to proceed to next stage.



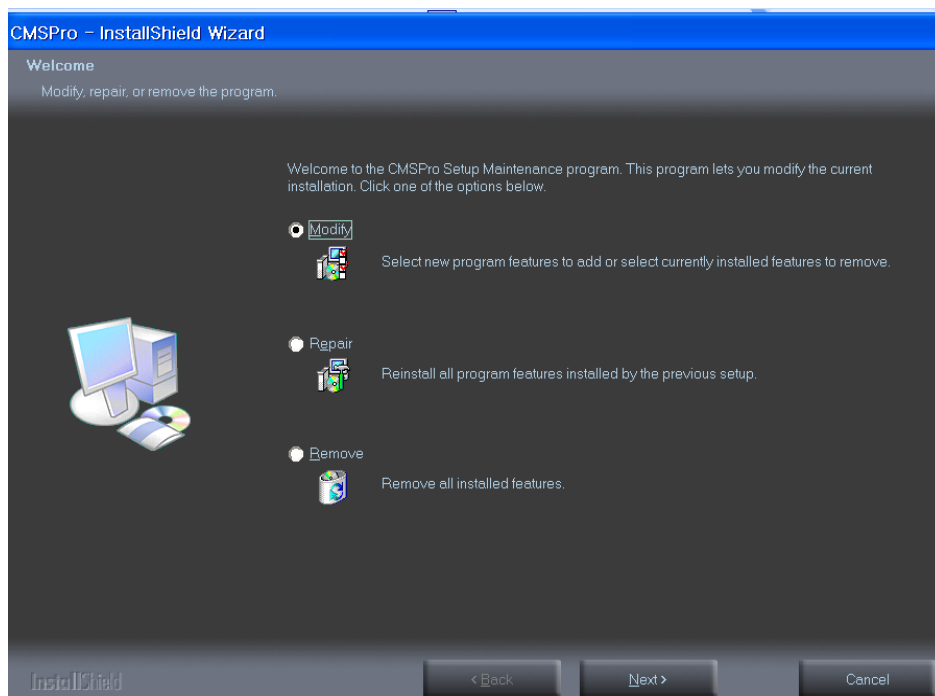
NOTE: Double click the Setup file on the CD/DVD Drive to start the Install Shield Wizard if the Auto Run does not function.

- The CMS Pro could be installed as the following below.
- Click the [Close] button after installation is completed

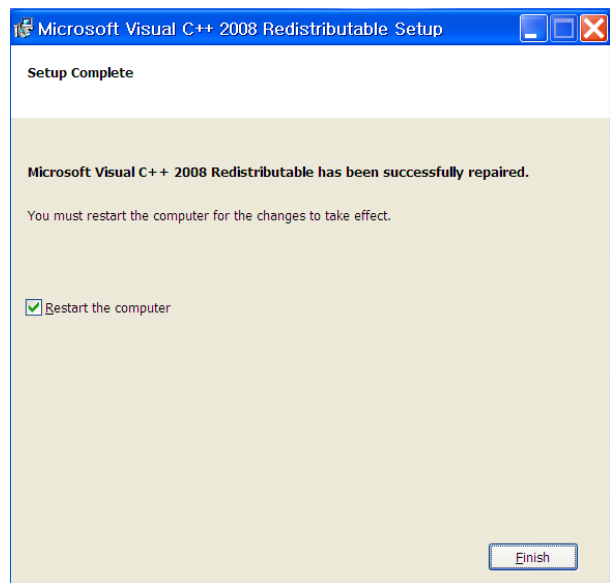
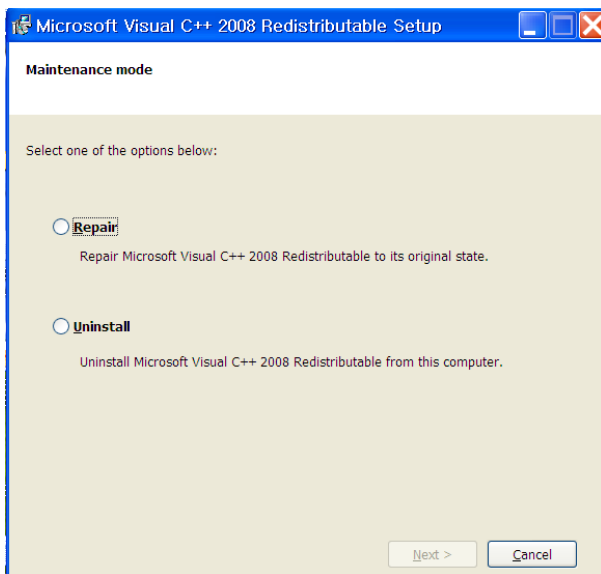


1.4 Reinstalling Guide

- If the CMS Pro is installed on PC, the CMS Pro could be installed as the following below.
- When selecting new program features to add or select currently installed features to remove, press [Modify] and [Next] button to proceed to next stage.
- When reinstalling all program features installed by the previous setup, press [Repair] and [Next] button to proceed to next stage.
- When removing all installed features, press [Remove] and [Next] button to proceed to next stage.



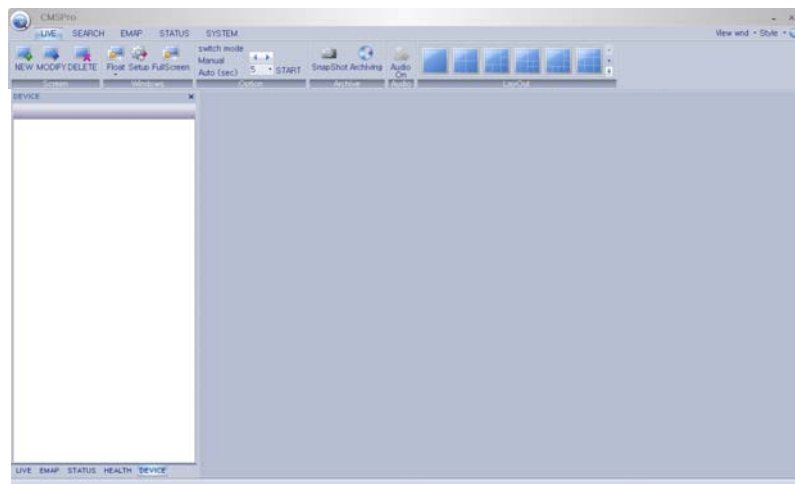
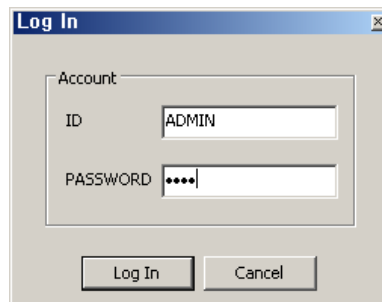
- If you reinstall the CMS PRO version after remove, the CMS Pro could be installed as the following below.
- Press [Repair] and [Next] button to proceed to next stage for Successful reinstallation.
- After Repairing Visual C++, you have to restart the computer for the changes to take effect.



NOTE: When removing CMS Pro, it couldn't remove Visual C++ at the same time .
When removing CMS Pro, it couldn't remove Visual C++ at the same time.

1.5 Device Register

- Input ID and PASSWORD (as Default ADMIN / 1234).



- Go to SYSTEM menu, Select Device Item.



- Input Connection information of DVR.

1) The Company selection tab:

DHU100, 500, 700

DHU600

[illegible]

2) Select model of DVR.

3) Create a group for DVR.

The screenshot shows a window titled "Device Group". It contains a table with two columns: "Group Name" and "Memo". The first row has "TEST1" under "Group Name" and is empty under "Memo". Below the table are three controls: a "Group Name" label followed by a text input field containing "TEST1"; a "Memo" label followed by a larger text area; and three stacked buttons labeled "Add", "Modify", and "Delete". At the bottom right of the entire window is a "Close" button.

Group Name	Memo
TEST1	

Group Name TEST1

Memo

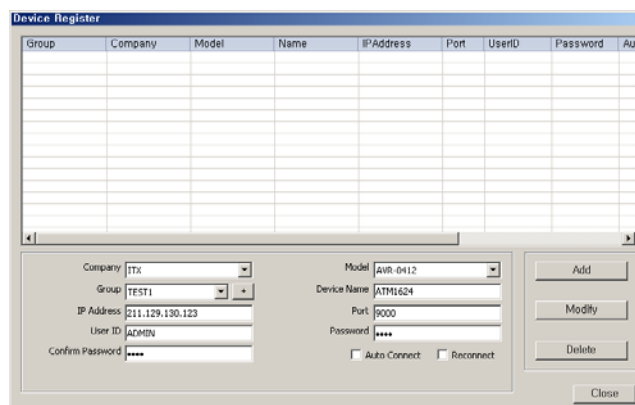
Add
Modify
Delete

Close

4) Input Device name and IP address of DVR.

5) Input Port number (WEB port number of system).

6) Input ID, Password of DVR then press ADD.



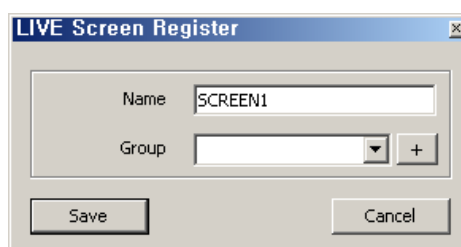
The 'Device Register' dialog box contains a table with the following columns: Group, Company, Model, Name, IP Address, Port, UserID, Password, and Au. Below the table are input fields for: Company (JTX), Group (TEST1), IP Address (211.129.130.123), User ID (ACMIN), Confirm Password (****), Model (JVR-0412), Device Name (JTM1624), Port (9000), Password (****), and checkboxes for Auto Connect and Reconnect. Action buttons include Add, Modify, Delete, and Close.

7) Now finish registering the DVR on CMS.

- Go to LIVE menu.
- Select NEW icon for create new Live screen.

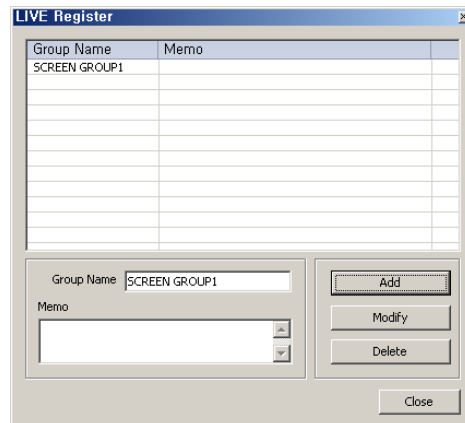


- Input Name of screen mode.

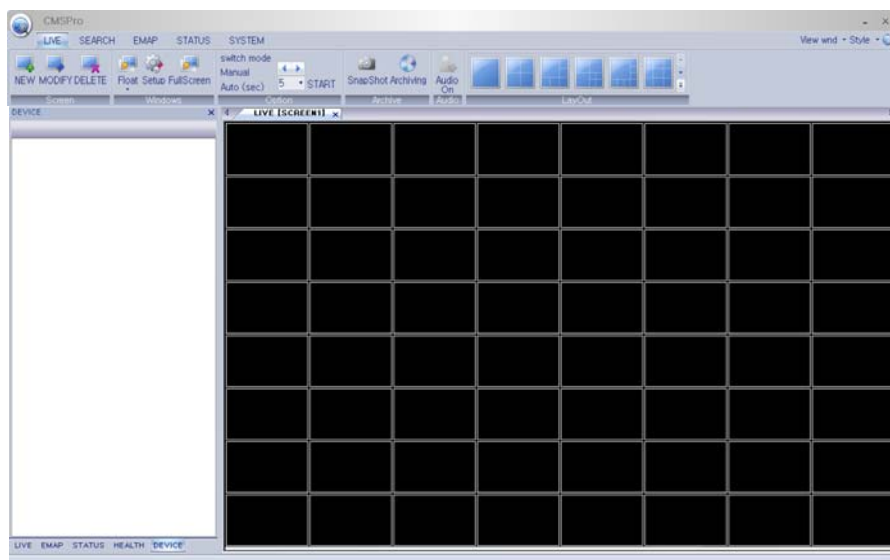


The 'LIVE Screen Register' dialog box has a 'Name' field containing 'SCREEN1' and a 'Group' dropdown menu with a '+' button next to it. At the bottom are 'Save' and 'Cancel' buttons.

- Create a Group of Screen.

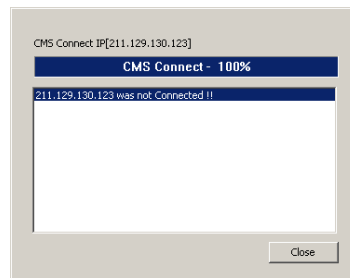


- Press Add Icon and close window.
- User will get below screen.

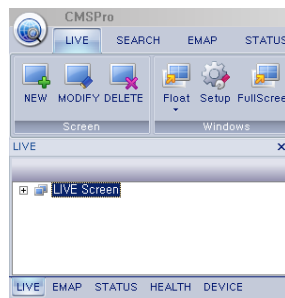


- Go to SYSTEM menu again and press Connect Icon.

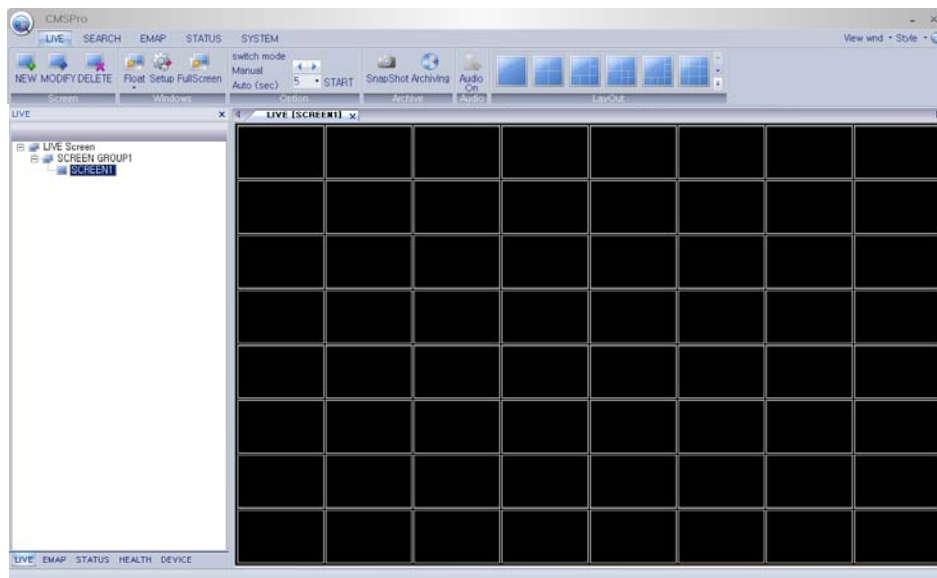




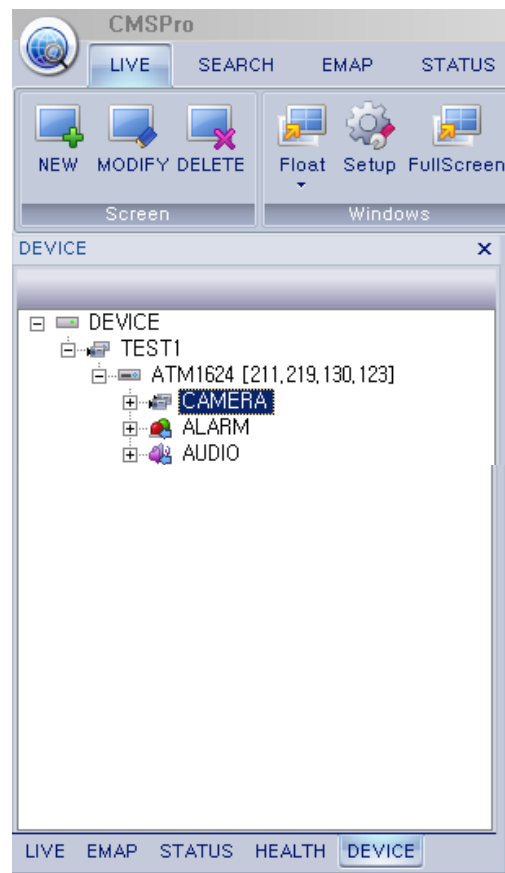
- Press LIVE tab on Left tree panel.



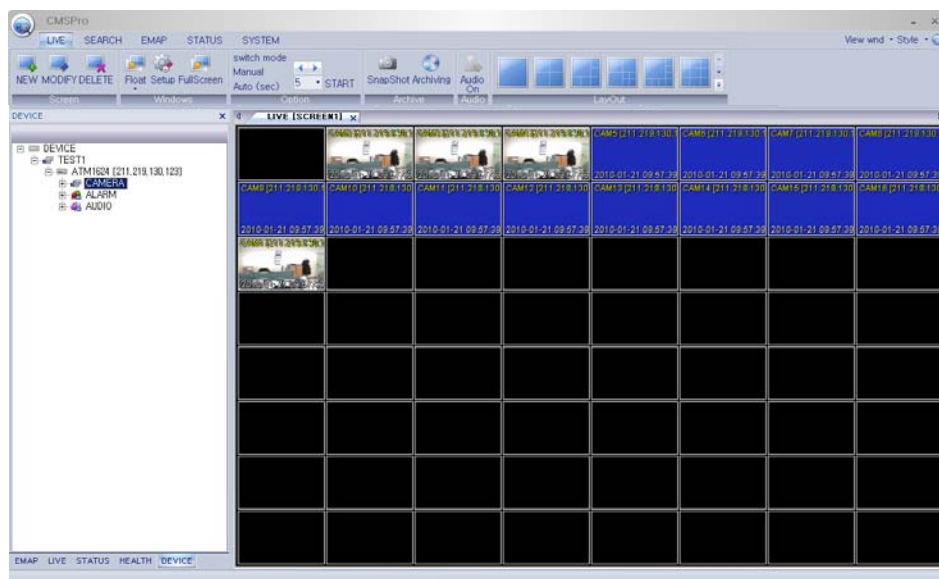
- Expand the item on the tree, then double click last item.
User will get new window on right panel.



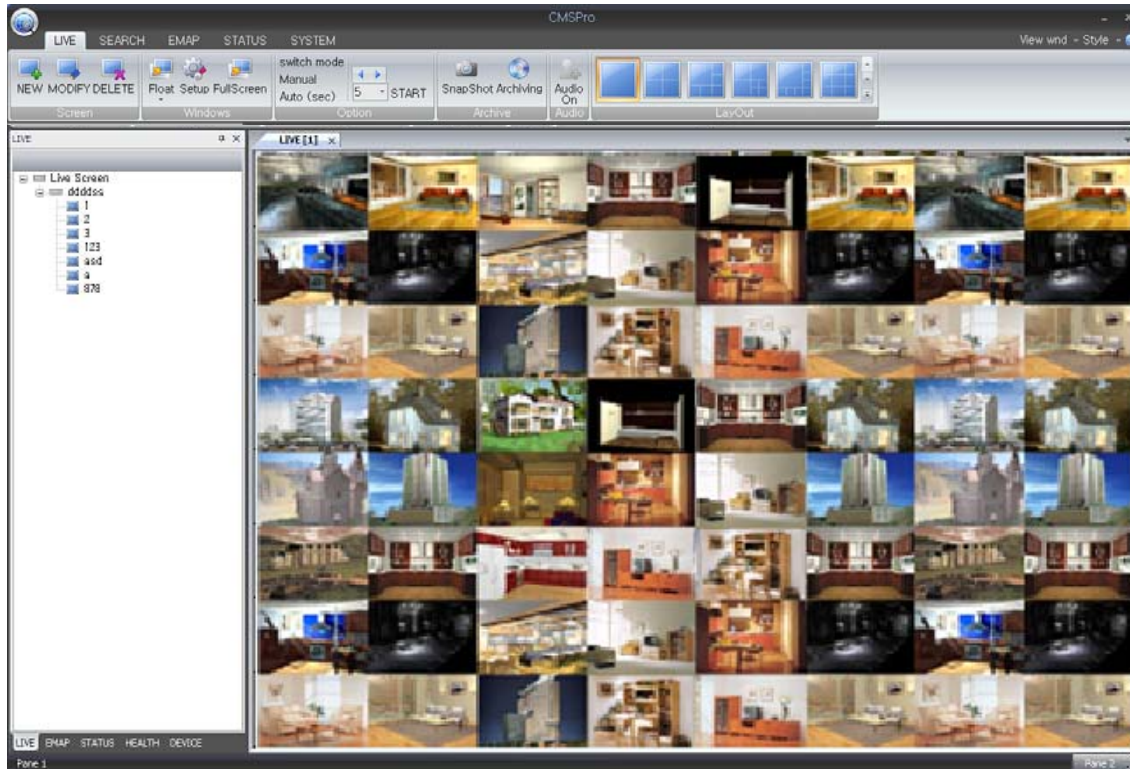
- Now select DEVICE Tab on Left bottom Panel, and expand the tree.



- Drag the CAMERA Item to Right window Panel.



1.6 CMS Pro Display Mode



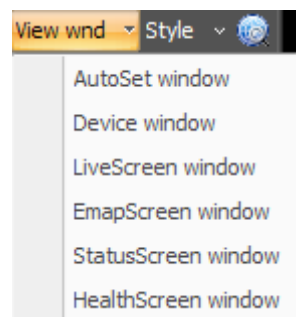
NOTE: It is constructed to control the functions and buttons of each and every windows

1. Category Tab Button

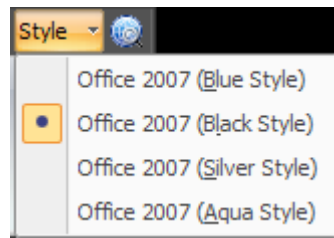


Use to select Screen menu of selected Category.

2. Frame Style Buttons



Use to initialize / set layout of left Tree.



Use to change the Frame style.

3. LIVE Tree

Use to see the information list of the registered LIVE Screen.

4. EMAP Tree

Use to see the information list of the registered EMAP Screen.

5. STATUS Tree

Use to see the information list of the registered STATUS Screen.

6. Device Tree

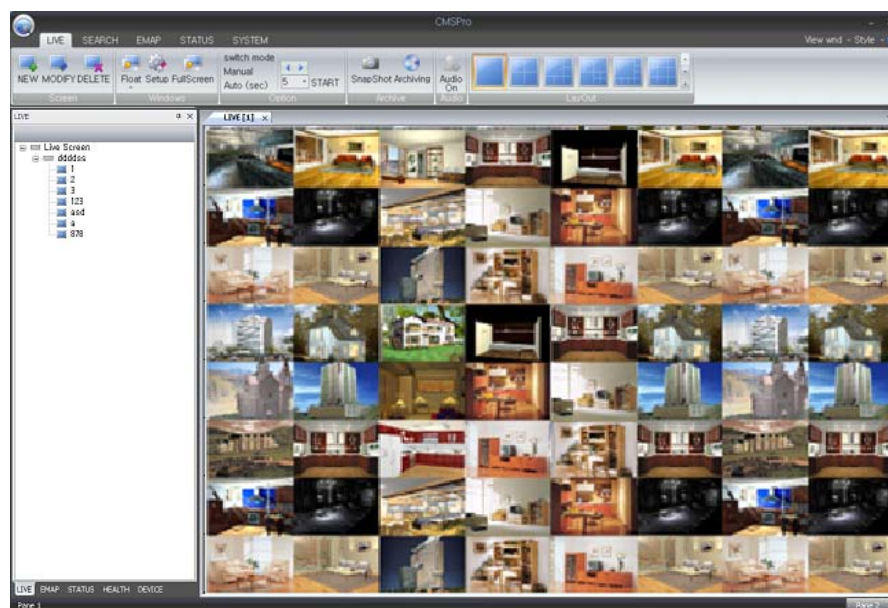
Use to see the information list of the registered device.



1.7 CMS Pro Main Function

1.7.1 Live

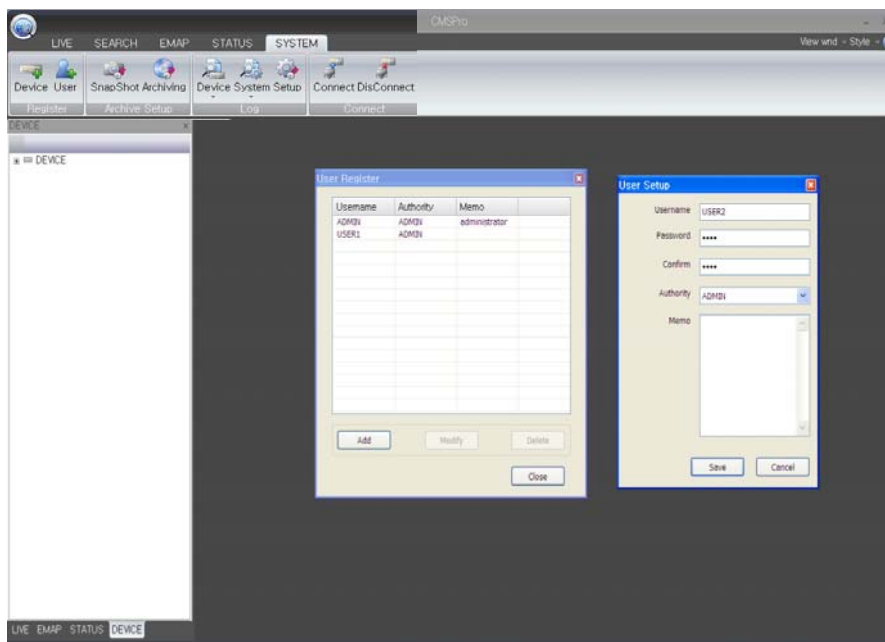
- Live image of the registered device could be seen and the multiple screen could be seen until 64 multiple screens. Manage (increase/decrease, print, snapshot, previous image) each define image separately by displaying each panel's image or multi-display of camera image could be controlled by various screen mode and map image.
- Also, it supports real-time event monitoring for suitable event management and it could control each camera and show animation affect for login history and alarm of event viewer



1.7.2 User Account

- Function to register CMS user and Device. Give authority to the user, then the control for CMS could be done and supports backup functions for each user's profile and data base.

**NOTE: UESR authority to Limit CMS Pro function use.
It couldn't separately set & save per each UESR.**

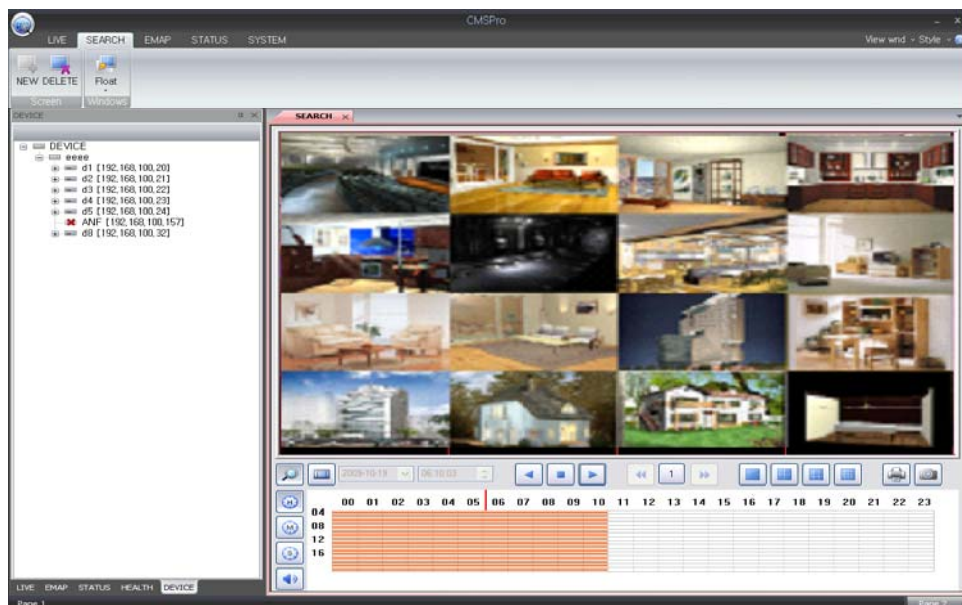


1.7.3 Group

- Group function provide screen or map service registration and it could structure objects (camera, sensor, relay, mike, speaker and etc) on the monitoring screen structure and map image.
- More efficient control could be done by approaching the central monitoring system with the various service mode registered on each group.

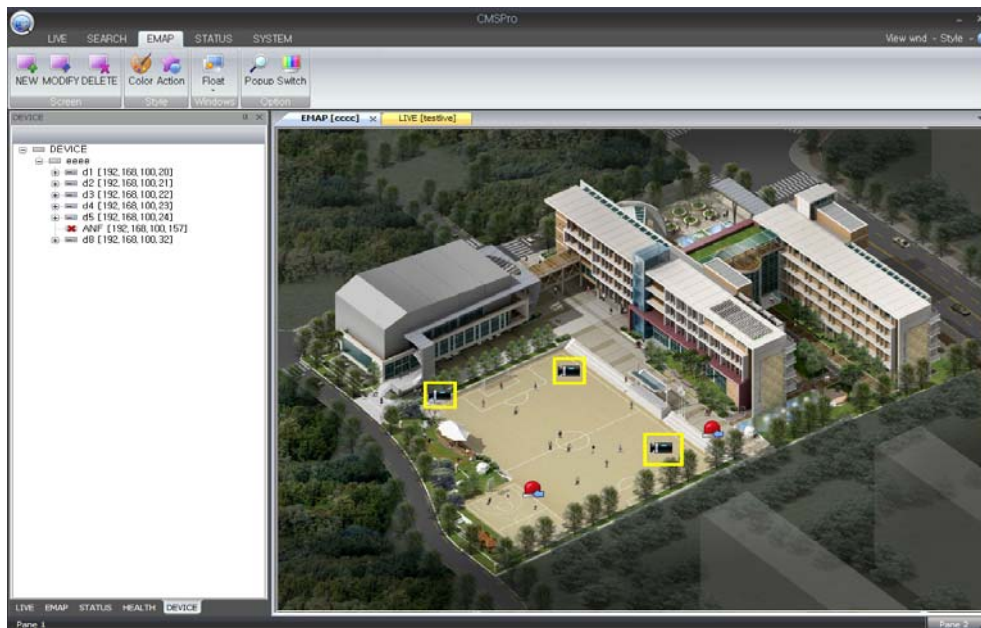
1.7.4 Search

- It is function to see recorded image monitoring for saved event log history and backup the recorded image by AVI file.



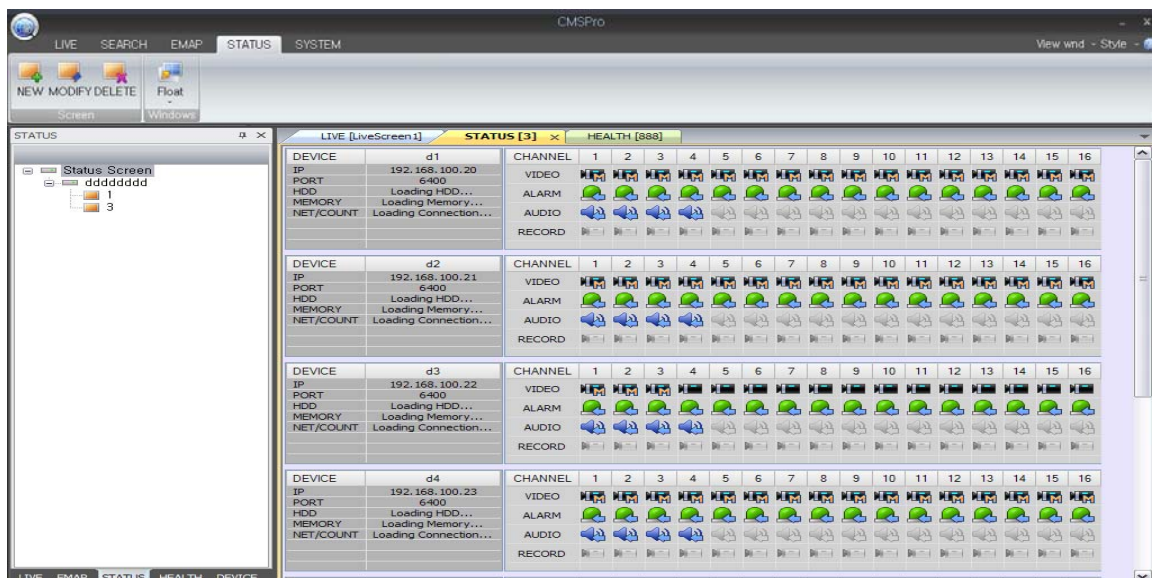
1.7.5 E Map

- It is function to support the Multi-Display of the screen mode on the map image and monitoring of the camera can be done on the E map itself.
- Provide control functions for each camera and when event happens on the specified camera, more efficient visual monitoring system, using animation effect and map link by map moving functions.



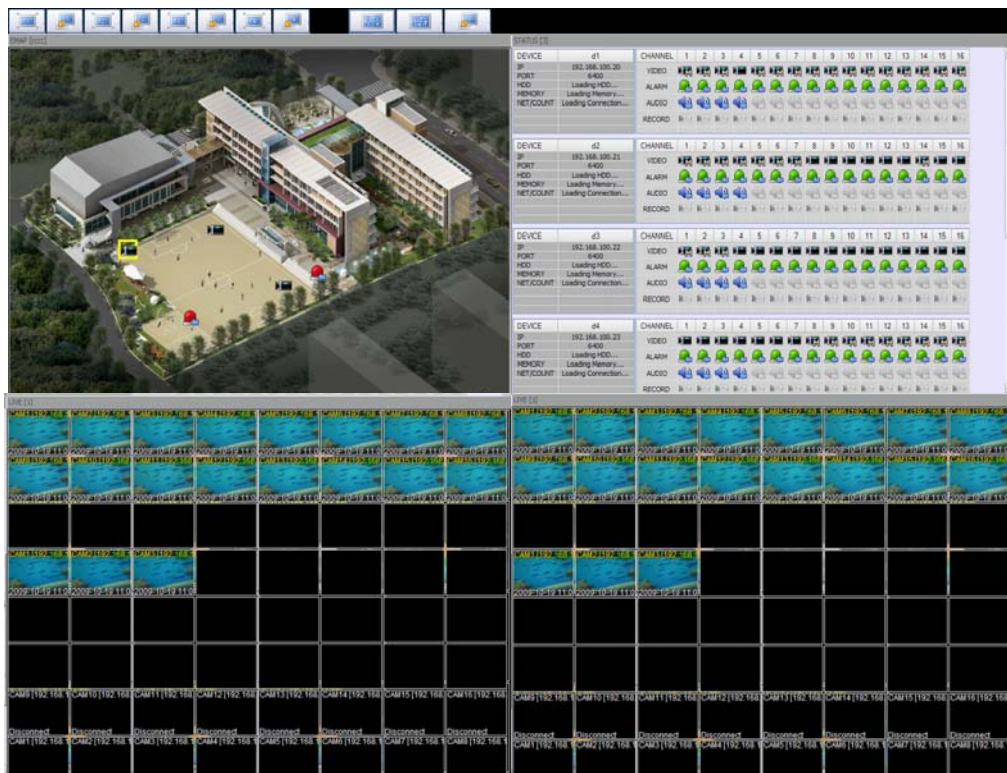
1.7.6 Status

- Show the event (video, audio, alarm) which performs in the facility linked with CMS Pro by icon independent by channel for virtualization and at the same time to be able to monitor several facilities and all channels at real-time.



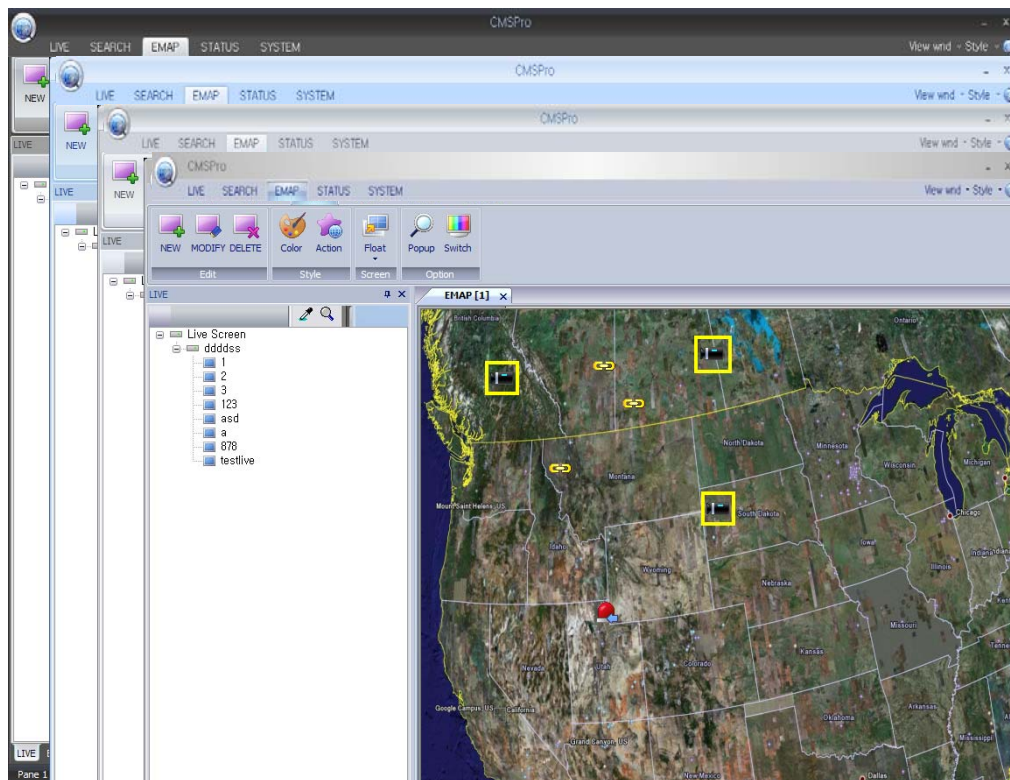
1.7.7 Floating

- It is function to monitor several services registered on the CMS at the same time, using several separate windows. Floating object supports device, scrap, map, group and search.
- Support up to 4 Multi-Monitor.



1.7.8 Multi Theme

- It is a function to modify the window screen, according to the user's taste and it supports 4 kinds of multi theme.



2 Registry Setup and Service

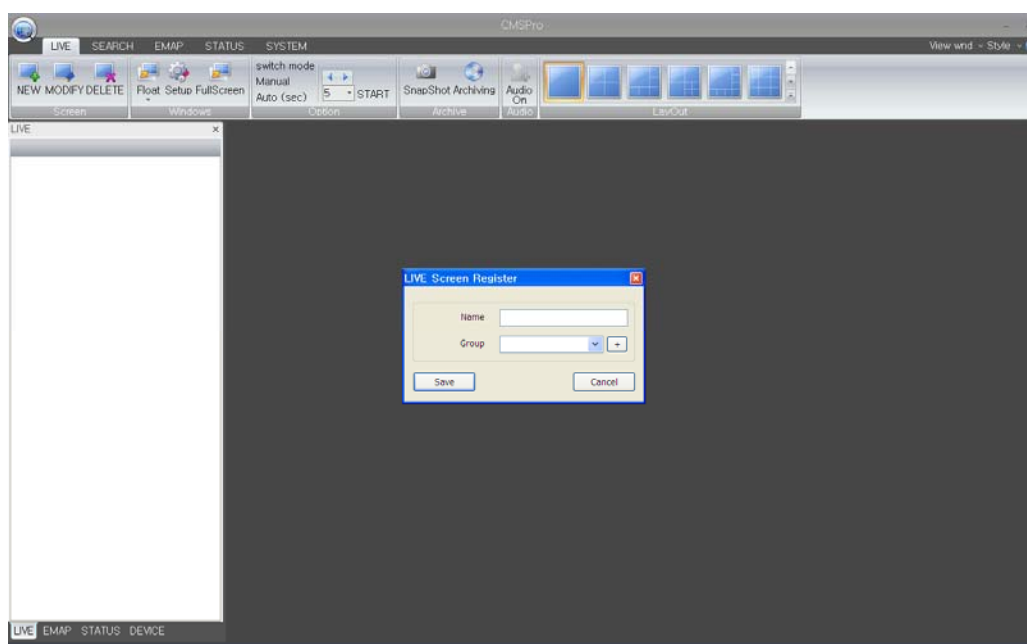
2.1 Live

2.1.1 Summary

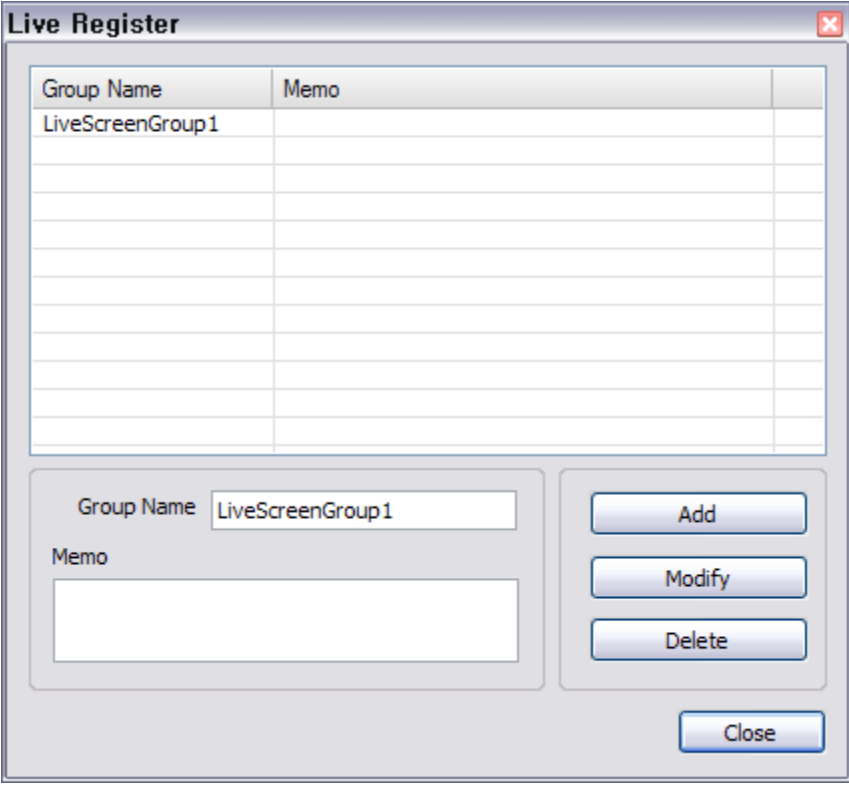
- Use to See Live image after selecting output Device on CMS Pro.
- It is supported to Split Mode, Full Screen Mode and Switch Mode except on basic live image output, then use the Snapshot, it is a function to Archiving functions of live image.
- Level of authority for each user's CMS Control could be managed by registering profile for each authority.

2.1.2 Create a Live Screen

- Click [LIVE] -> [NEW] on the CMS Pro menu and the following Live Screen could be seen on the CMS Pro menu.
- Click [+] button as below and Group registration screen could be seen as below.



- Use to input Group Name and register group as below.



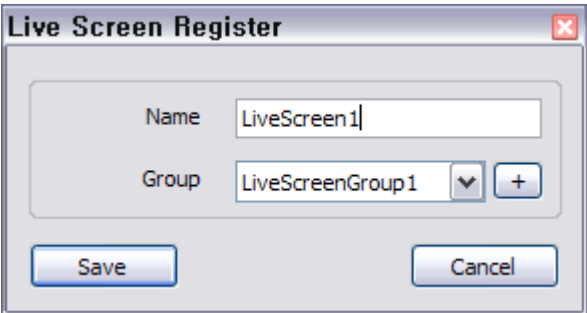
The 'Live Register' dialog box features a table with two columns: 'Group Name' and 'Memo'. The first row contains 'LiveScreenGroup1'. Below the table, there are input fields for 'Group Name' (containing 'LiveScreenGroup1') and 'Memo'. To the right of these fields are three buttons: 'Add', 'Modify', and 'Delete'. At the bottom right is a 'Close' button.

Group Name	Memo
LiveScreenGroup1	

Group Name: LiveScreenGroup1
Memo:

Add
Modify
Delete
Close

- After Group Register, input Live Screen name and save.



The 'Live Screen Register' dialog box contains two input fields: 'Name' (containing 'LiveScreen1') and 'Group' (containing 'LiveScreenGroup1' with a dropdown arrow and a '+' button). At the bottom are 'Save' and 'Cancel' buttons.

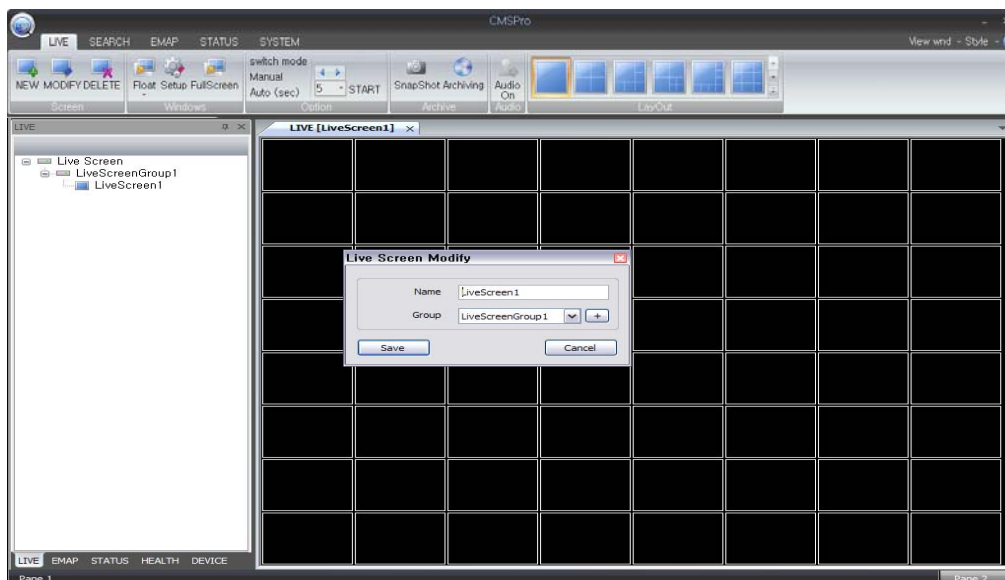
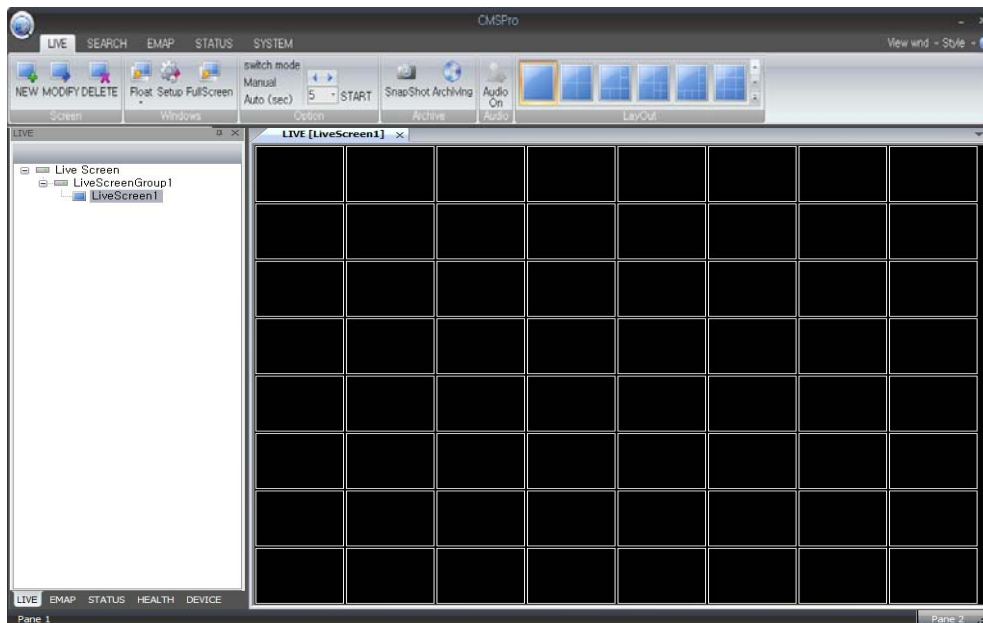
Name: LiveScreen1
Group: LiveScreenGroup1 ▼ +

Save Cancel

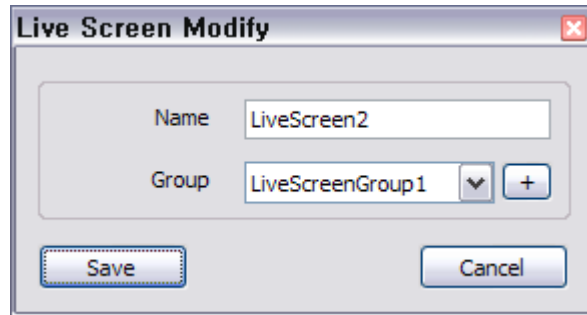
- It could see Live Screen image as below.

2.1.3 Modify a Live Screen

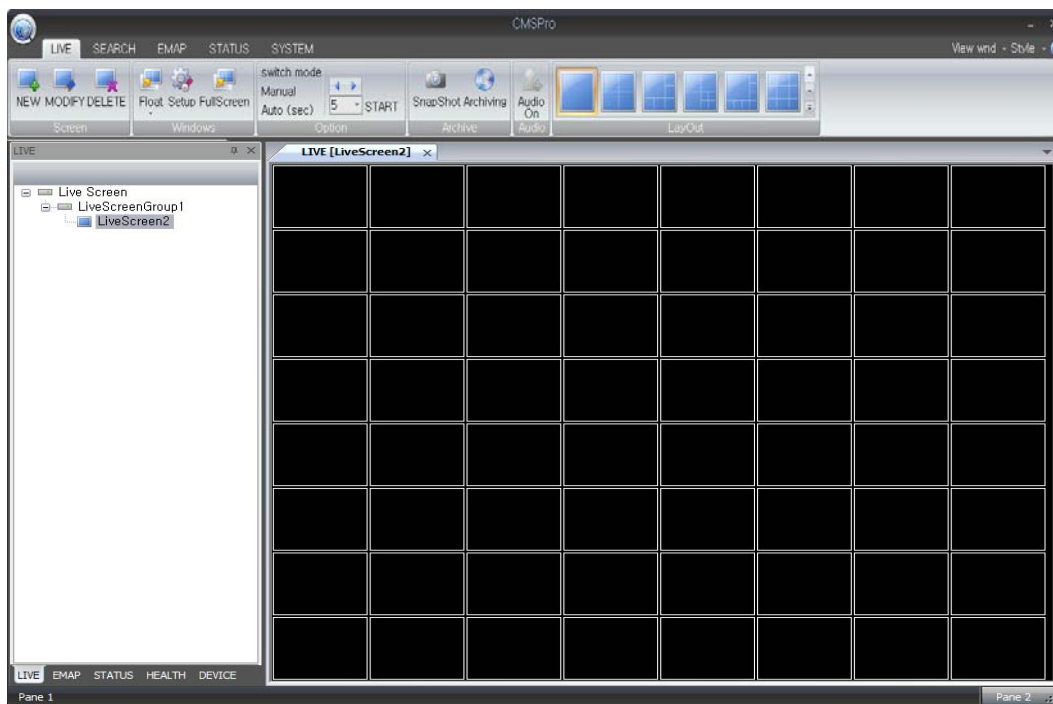
- Click the [LIVE] -> [MODIFY] as selecting Live Screen on CMS Pro, then it could see Live Screen Modify image as below.



- Input the Live Screen name or select Live Screen Group, then press the Save button.

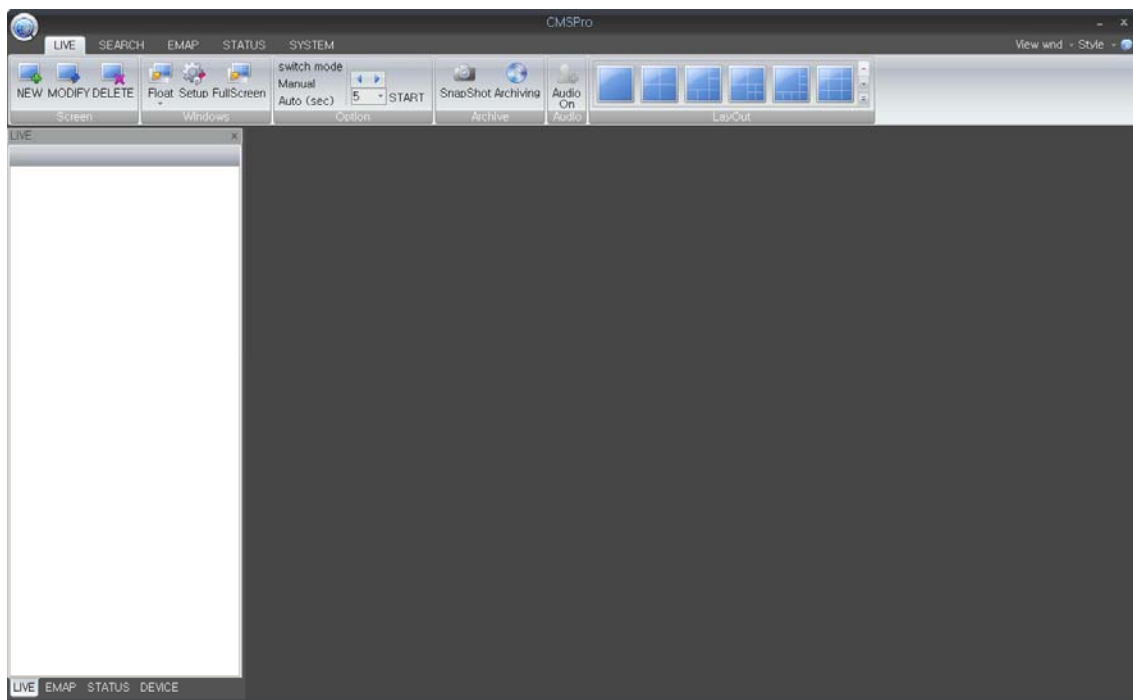
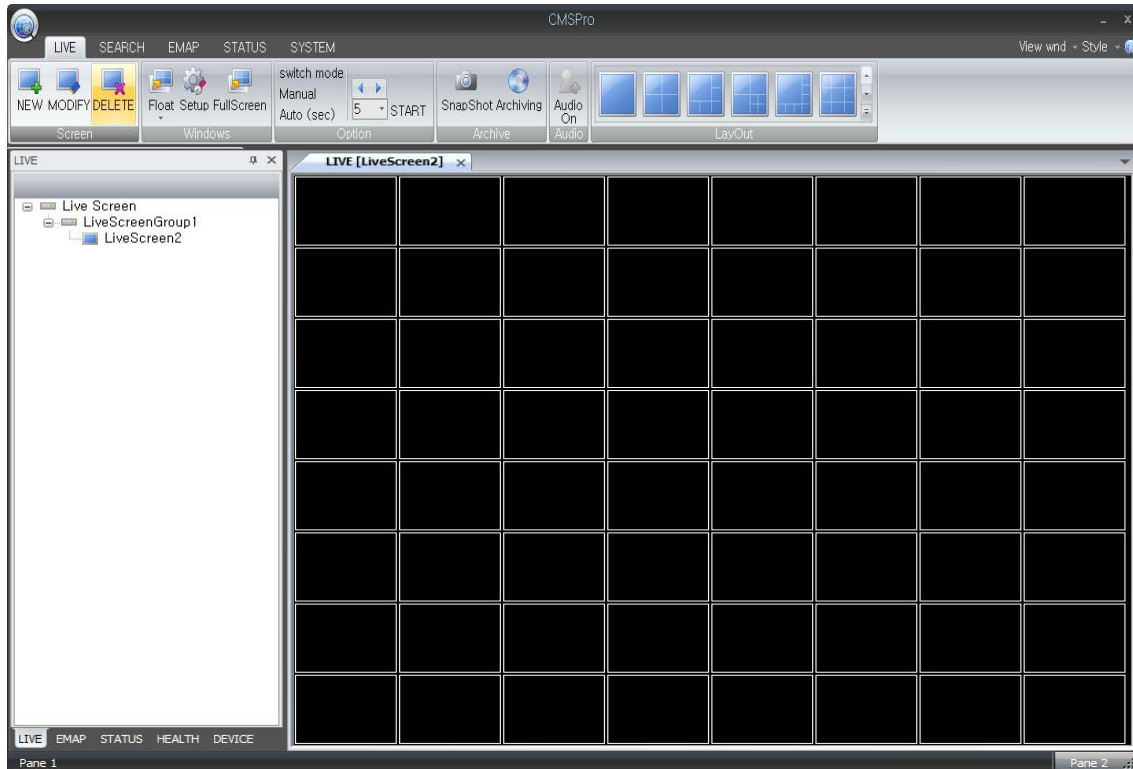


- It could check Modified LIVE SCREEN as below.



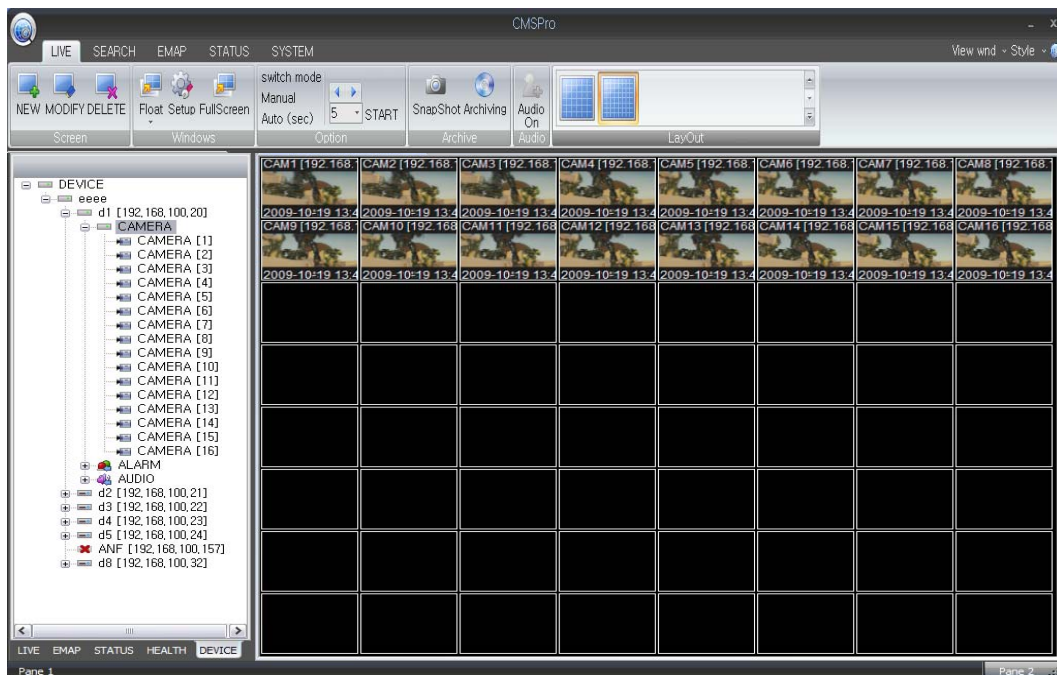
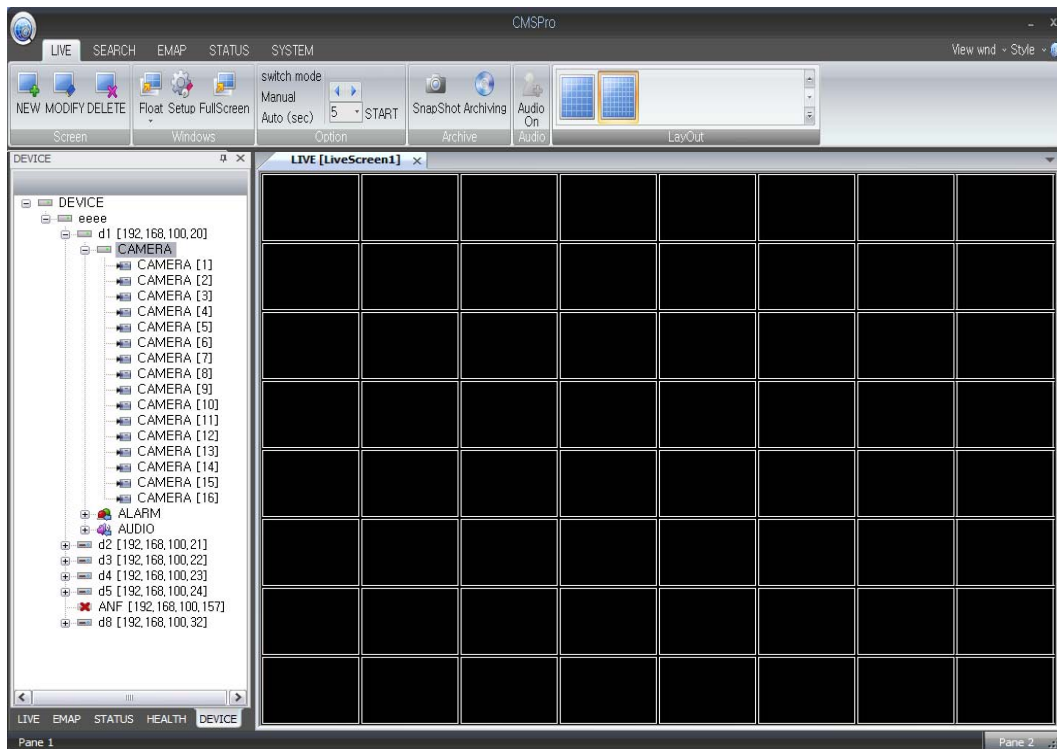
2.1.4 Delete a Live Screen

- Click the [LIVE] -> [DELETE] as selecting LIVE SCREEN TAB on CMS Pro menu, then It could delete the LIVE SCREEN.



2.1.5 Bind Device to Live Screen

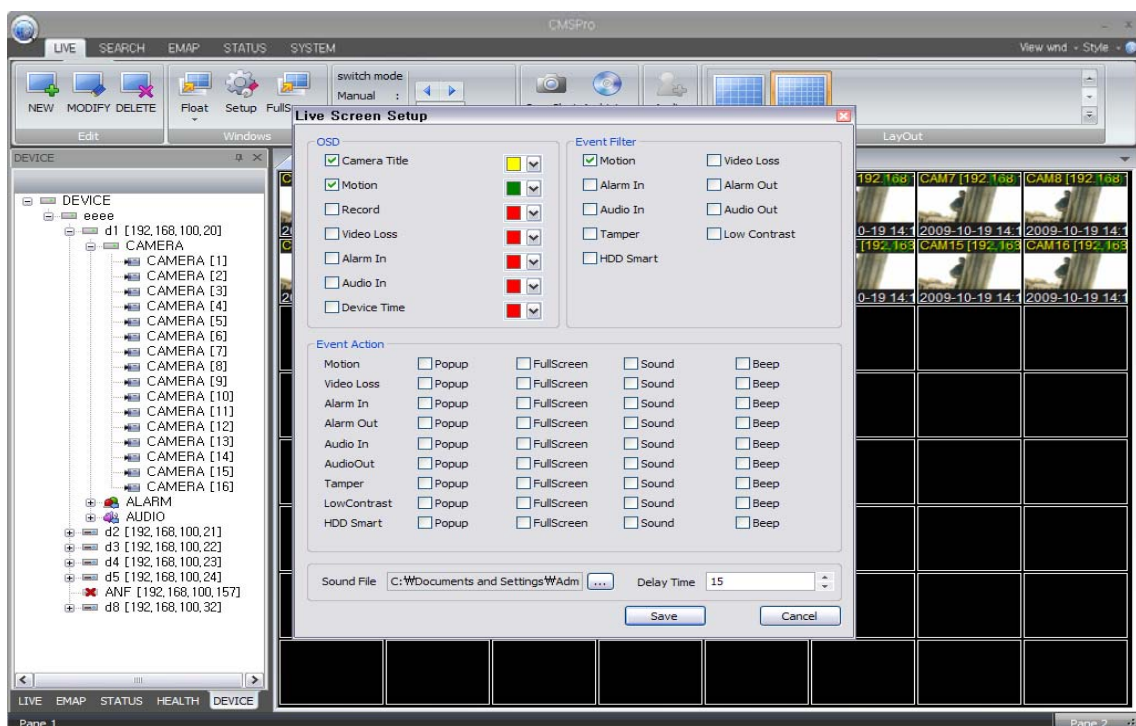
- Now select DEVICE TAB on LEFT bottom Panel, then expand the tree
- Drag & Drop the CAMERA ITEM to Right window Panel, It could bind Device to Live Screen.



**NOTE: Live Screen mapping is saved to first drag & drop Action.(Device -> Screen)
It couldn't save Screen Moving within the Screen**

2.1.6 Setup Live Screen

- Now select DEVICE TAB on LEFT bottom Panel, then expand the tree
- Drag & Drop the CAMERA ITEM to Right window Panel, It could bind Device to Live Screen.



Setup

OSD

Set the OSD on Screen.

Set the Color on each OSD.

Event Filter

Set the Event on using Live.

Ignore the unselected Event on Live.

Event Action

Select Action form on each Event.

Sound File

Set the Action time of Event Action.

Ignore another Event on time.

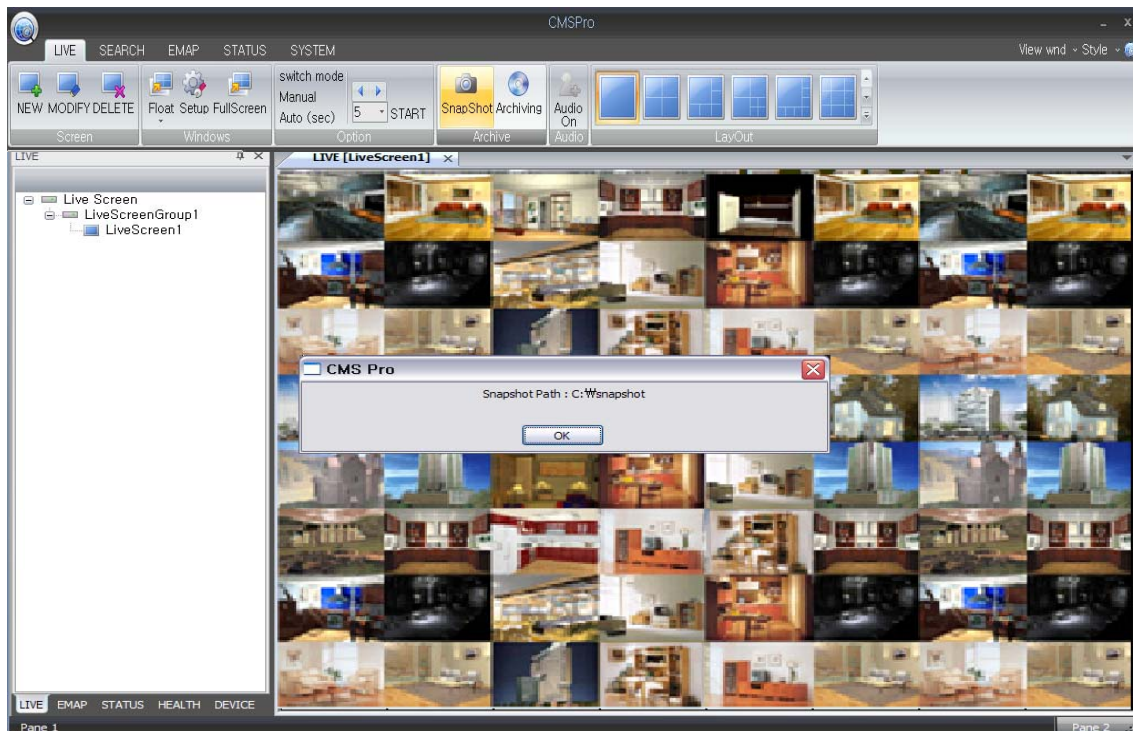
2.1.7 Live Screen Switch Mode

- It could search remained Live Channel with (<), (>) buttons on [LIVE] -> [Option].
- It could be automatically searched with pressing START button, after Auto (sec) setup.

**NOTE: Designated Screens are progressed on Switch Mode, step by step.
If you want to change Switch Mode Sequence, change the Screen Sequence.**

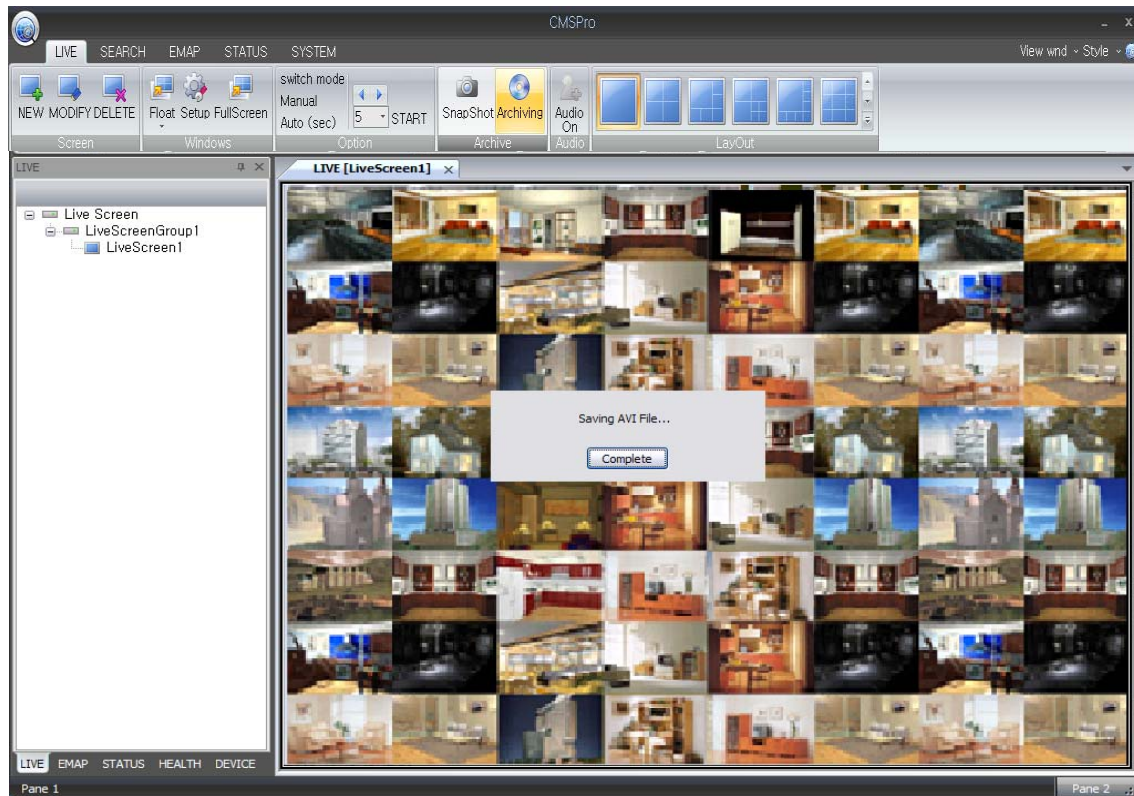
2.1.8 Live Screen Snap Shot

- Screen Live image could be saved to image file on press [LIVE] -> [Snap Shot] button.



2.1.9 Live Screen Archiving

- Screen Live image could be saved to video (AVI) file on press [LIVE] -> [Archiving] button.

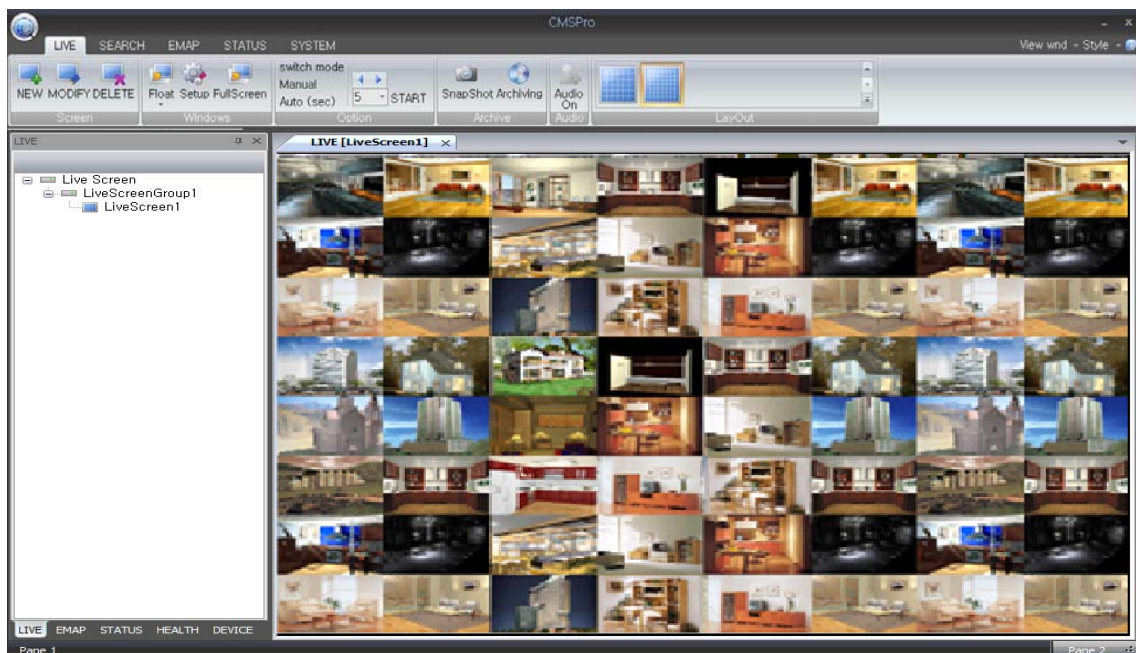
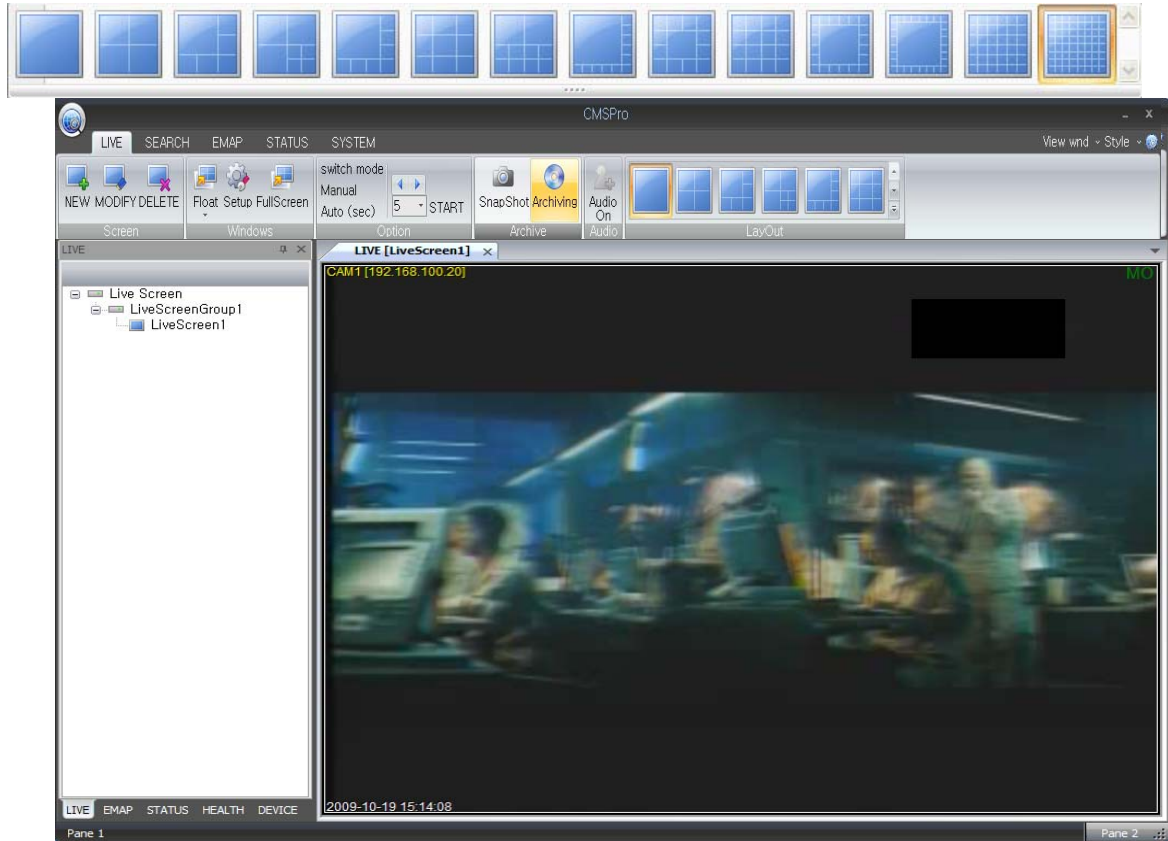


2.1.10 Audio On

- Audio Output is possible to Selected CH (Full Screen, Split Screen)
- Live Audio on Button is Network Two way Audio Button.

2.1.11 Live Screen Lay Out

- The Screen division provided by CMS Pro are 14 types which are [1, 4, 6, 7, 8, 9, 10, 12, 13, 16, 21, 29, 36, 64].



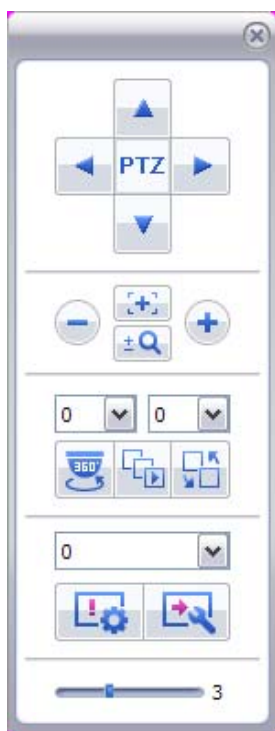
2.1.12 Live Screen Context Menu

Close Channel
Close All Channel
PTZ On/Off
✓ OSD ON!
Full Screen
Docking & Original State
SnapShot
AVIBackup
ZOOM
Print
Split mode ▶
Instant Playback

Close Channel – Close the selected live channel.

Close All Channels – Close all selected live channels.

PTZ On/Off – Can use the PTZ supporting Device by Remote Control as below.



OSD ON – Can use on/off OSD with showing on the screen.

Full Screen – Can see Full Screen with showing on the screen.

Docking & Original State – Can Return to the Normal mode on Full Screen.

Snap Shot – Can save the present image with showing on the screen.

AVI Backup - Can save the present the video (AVI) file with showing on the screen.

ZOOM – Can see ZOOM mode with showing on the screen.

Print – Can Printout with showing on the screen.

Split – Can change the Split mode on selecting as below.

- 1 CH
- 4 CH
- 6 CH
- 7 CH
- 8 CH
- 9 CH
- 10 CH
- 12 CH
- 13 CH
- 16 CH
- 21 CH
- 29 CH
- 36 CH
- ✓ 64 CH

Instant Playback – Can use Instant Play function with showing on the screen.

2.2 Search

2.2.1 Summary

- Stand alone DVR can Playback DVR recording Data on PC.
- IP Camera can see recording Data on PC.
- Drag & Drop Device list of Device tree to Search UI for Search.
- It could not use any button before connection.

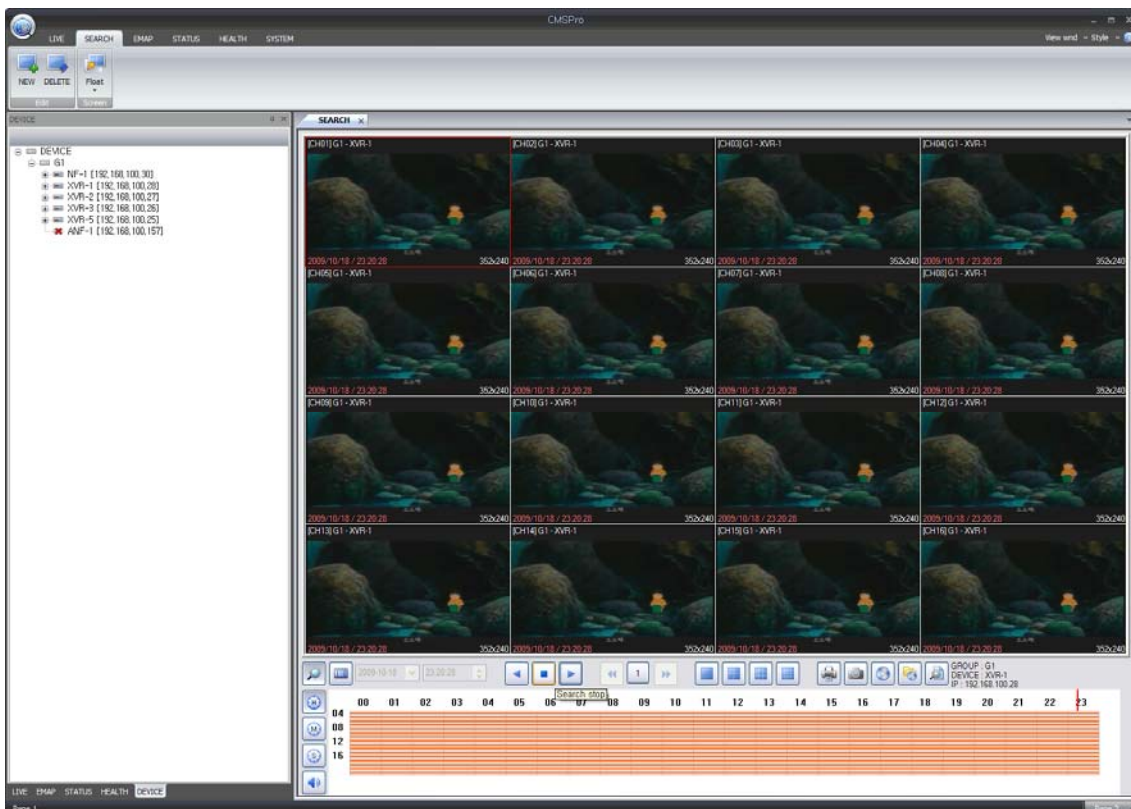
2.2.2 Search Button State

-  New
Generate as deleting the Search UI.
Don't generate more than 1 Interface.
-  Delete : Button for closing the Search UI.
-  Float : Use to Float Search UI to another monitor.
-  Search Forward : It could search Forward.
-  Search Backward : It could search Backward.
-  Search Stop : It could stop search.
-  Display with 1/4/9/16 split.

-  print button
-  snap shot button
-  archive button
-  Open the recording Data folder on archive.
-  Search DVR Log on connection.
-  2009-10-18  04:11:42  Provide right position Timeline.
-  Change the Panorama mode.
-  Change the Search mode.
-  Draw per minute Time Line on time.
-  Draw per second Time Line on time.
-  Draw per day Time Line on Date.
-  1  Play the 1,2,4,8,16,32,64 times.
-  Play the sound.

2.2.3 Playback (Forward, Backward)

- The timeline display also changes to show recorded footage on that day.
- Press Play button to choose the day and move to the timeline.
- During times playback, press the times playback and play.

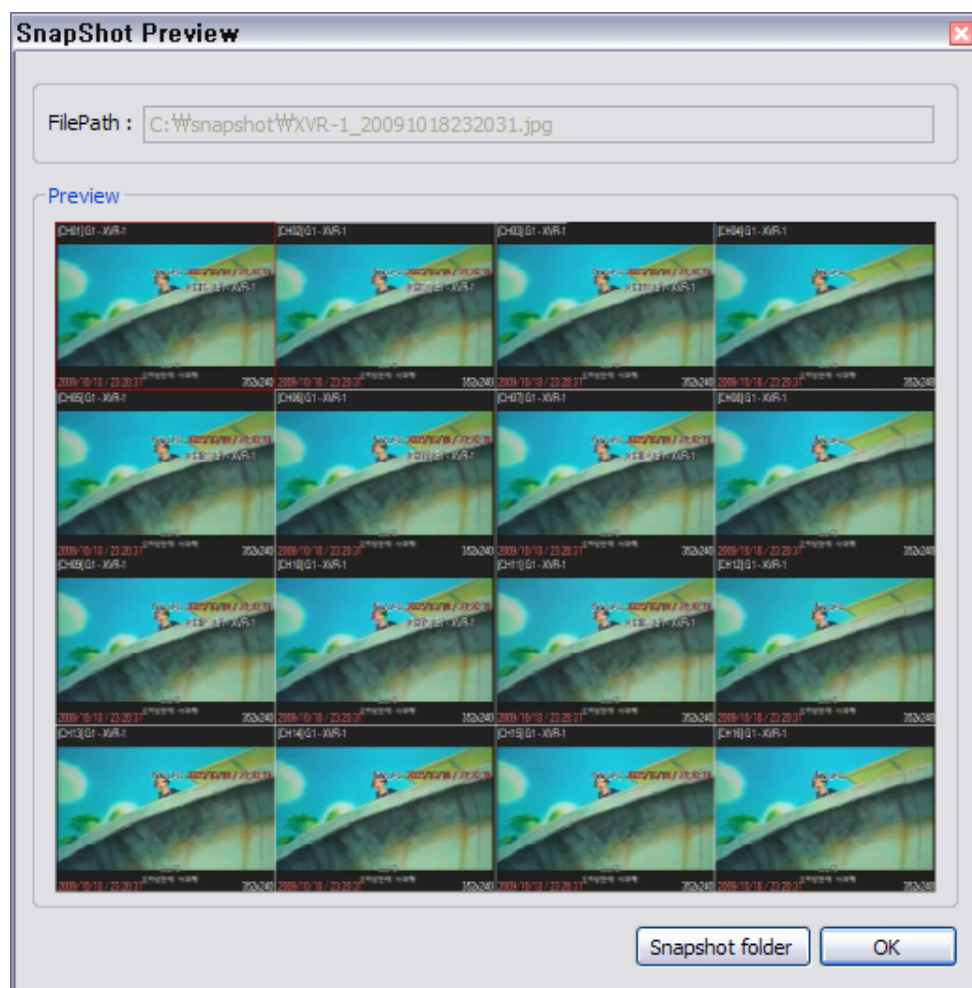


NOTE: Support Panorama Search Function.

Split Screen -> CH Selection -> Click Panorama  Button

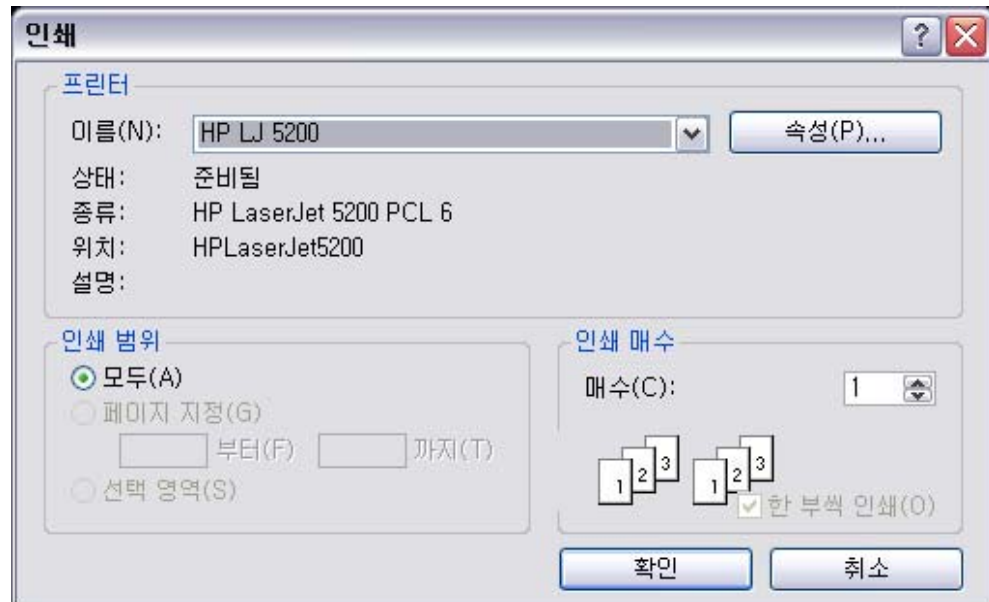
2.2.4 Snapshot (BMP, JPG)

- It is  snapshot Screen.
- It could output recording Path and File Name, then open the recording folder.
- Click the Capture Screen, then it could see highly.



2.2.5 Print

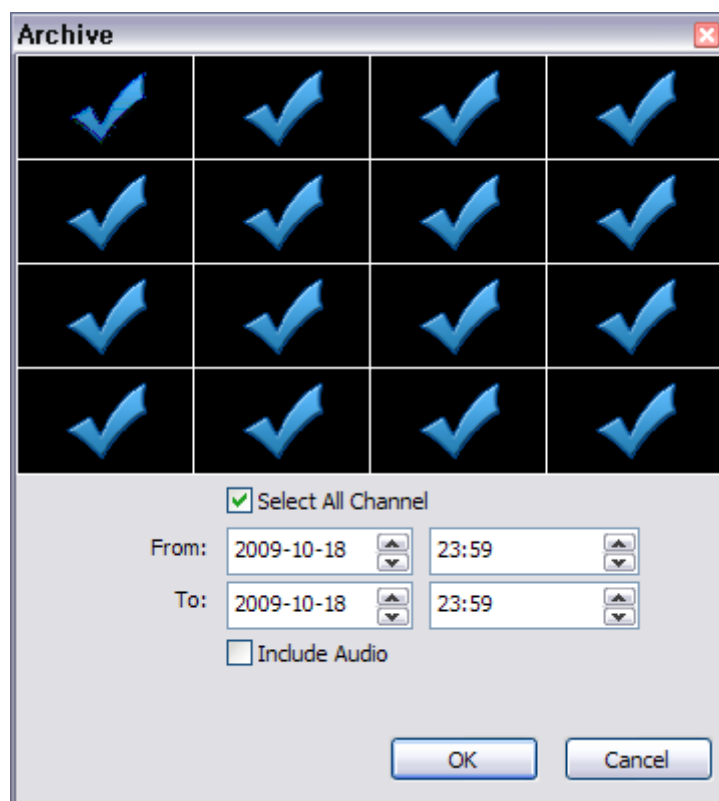
- Function to print the selected image from the camera.
- Install the Driver from Print Corporation.



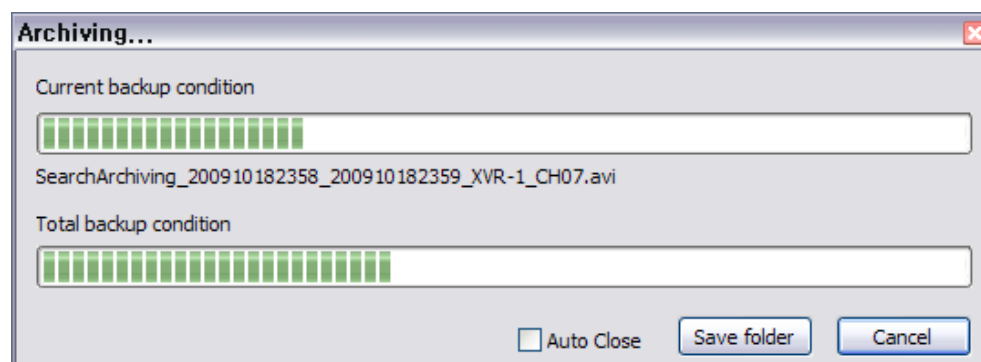
NOTE: Print -> Screen Split Screen is printed. Selected Ch is not printed

2.2.6 Archive

- It is  Archive Screen.
- Video and audio for any channel can be selected for the Archive.



- Once all the desired archive setups have been selected, and press OK button.
- The DVR displays a list showing the exact information to be archived.
- If the Auto Close is selected on option, close the screen automatically after archive.
- It could open and see recording Save Folder



2.2.7 Log

- It could search Log of connecting DVR.
- Once all the desired time and filter have been selected, and press Search button.
- If Search logs are more than 100, it could research Prev, Next button.
- Search log could be printed or recorded on txt file.

Search Log

2009-10-17 01:22:09 ☒ System ☐ Record
2009-10-19 01:22:09 ☐ Alarm ☐ etc

Search

Prev 3 Next

Print Save File

N...	CH	DATE	DESCRIPTION
201	1	2009-10-17 01:25:09	Motion detection on : [CH1]
202	2	2009-10-17 01:25:09	Motion detection on : [CH2]
203	3	2009-10-17 01:25:09	Motion detection on : [CH3]
204	4	2009-10-17 01:25:09	Motion detection on : [CH4]
205	5	2009-10-17 01:25:09	Motion detection on : [CH5]
206	6	2009-10-17 01:25:09	Motion detection on : [CH6]
207	7	2009-10-17 01:25:09	Motion detection on : [CH7]
208	8	2009-10-17 01:25:09	Motion detection on : [CH8]
209	9	2009-10-17 01:25:09	Motion detection on : [CH9]
210	10	2009-10-17 01:25:09	Motion detection on : [CH10]
211	11	2009-10-17 01:25:09	Motion detection on : [CH11]
212	12	2009-10-17 01:25:09	Motion detection on : [CH12]
213	13	2009-10-17 01:25:09	Motion detection on : [CH13]
214	14	2009-10-17 01:25:09	Motion detection on : [CH14]
215	15	2009-10-17 01:25:09	Motion detection on : [CH15]
216	16	2009-10-17 01:25:09	Motion detection on : [CH16]
217	1	2009-10-17 01:25:09	Motion detection off : [CH1]
218	2	2009-10-17 01:25:09	Motion detection off : [CH2]
219	3	2009-10-17 01:25:09	Motion detection off : [CH3]
220	4	2009-10-17 01:25:09	Motion detection off : [CH4]
221	5	2009-10-17 01:25:09	Motion detection off : [CH5]
222	6	2009-10-17 01:25:09	Motion detection off : [CH6]
223	7	2009-10-17 01:25:09	Motion detection off : [CH7]
224	8	2009-10-17 01:25:09	Motion detection off : [CH8]
225	9	2009-10-17 01:25:09	Motion detection off : [CH9]
226	10	2009-10-17 01:25:09	Motion detection off : [CH10]
227	11	2009-10-17 01:25:09	Motion detection off : [CH11]
228	13	2009-10-17 01:25:09	Motion detection off : [CH13]
229	14	2009-10-17 01:25:09	Motion detection off : [CH14]
230	15	2009-10-17 01:25:09	Motion detection off : [CH15]

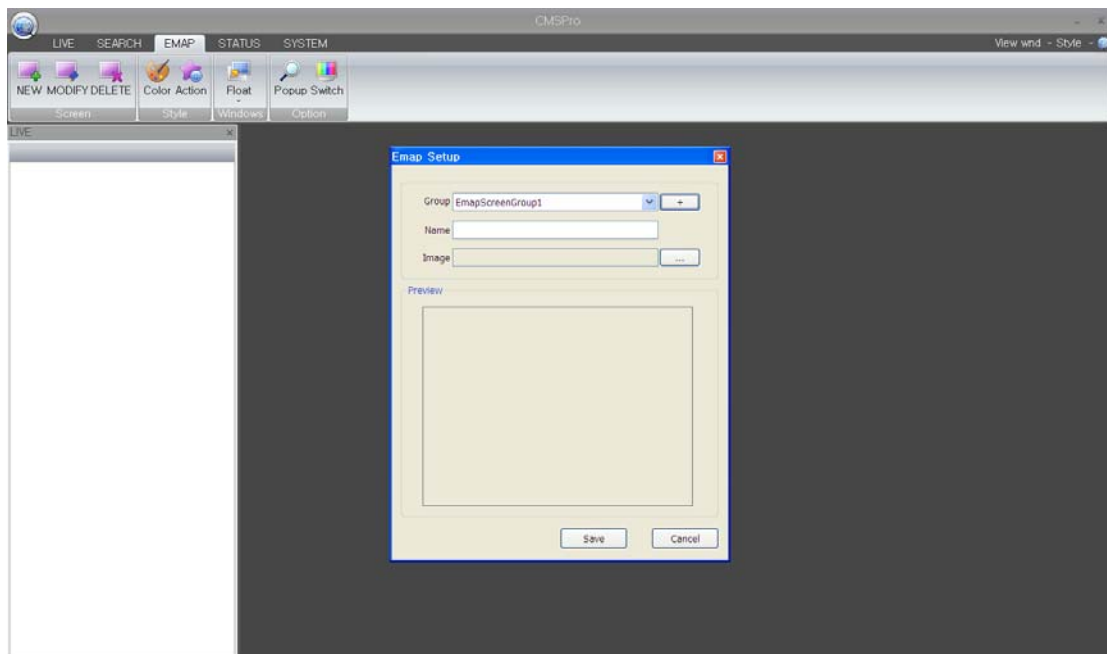
2.3 EMAP

2.3.1 Summary

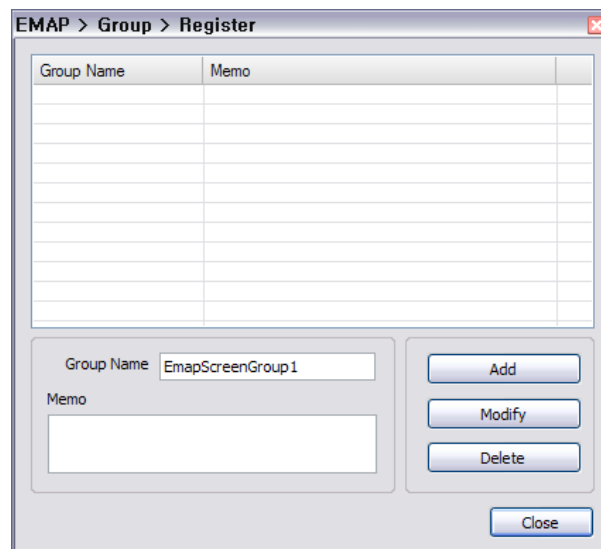
- It is a function for efficient central monitoring system by allocating the cameras of the registered device on the map.

2.3.2 Create a Emap Screen

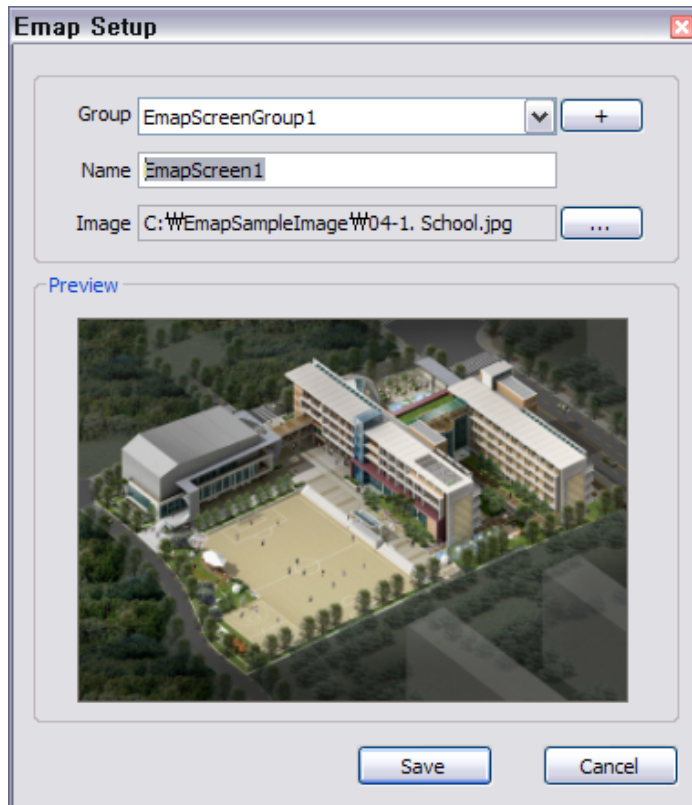
- Click [EMAP] -> [NEW] to see the Emap registration window on the CMS Pro menu.
- Click the [+] button as below to see Emap Group registration screen.



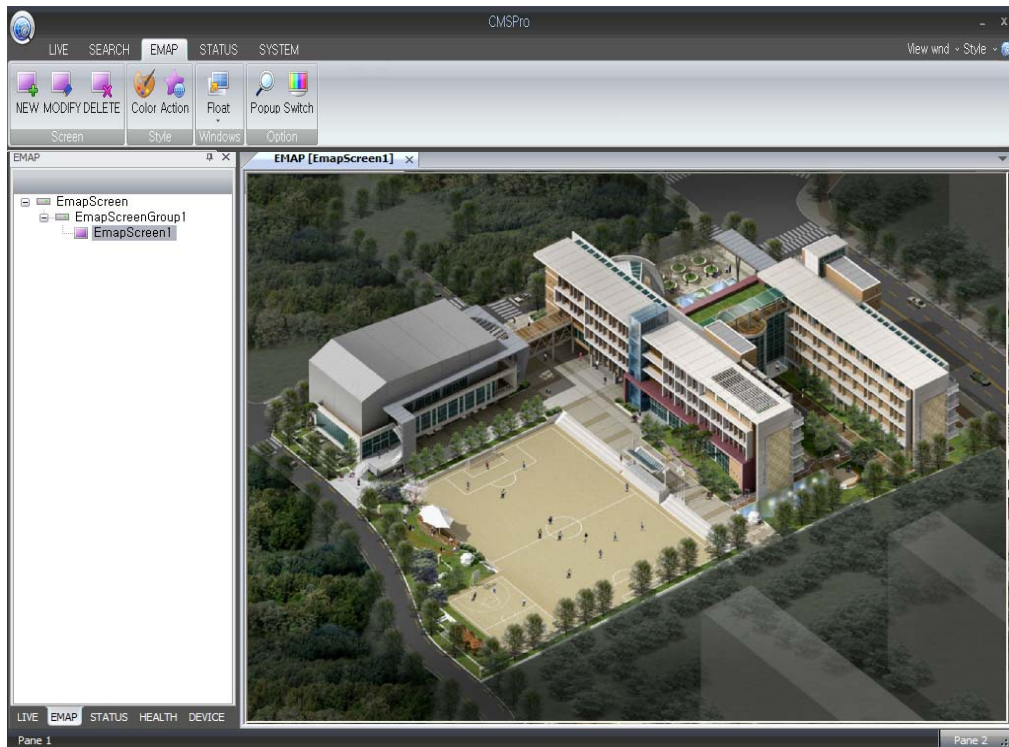
Input the Group name and Click the Add as below.



Enter the Screen name at Name as below and click the [...] button to register the Map Group on the “Group tree” window.

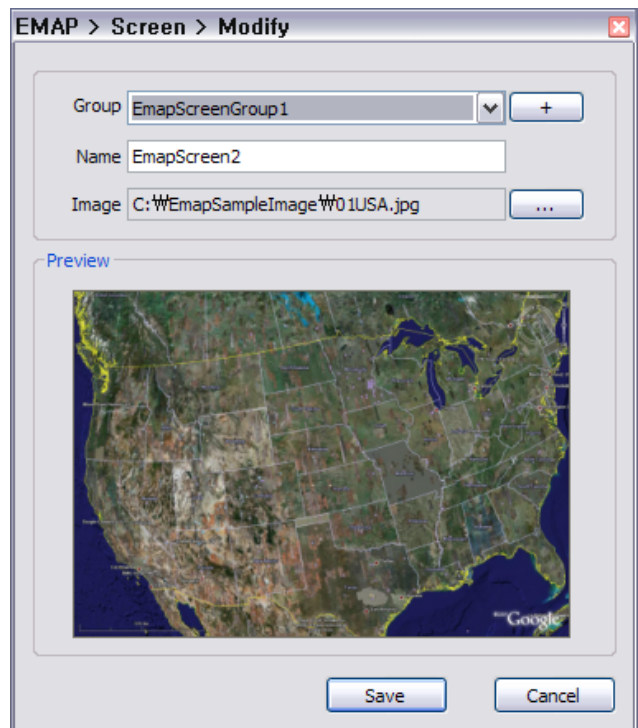
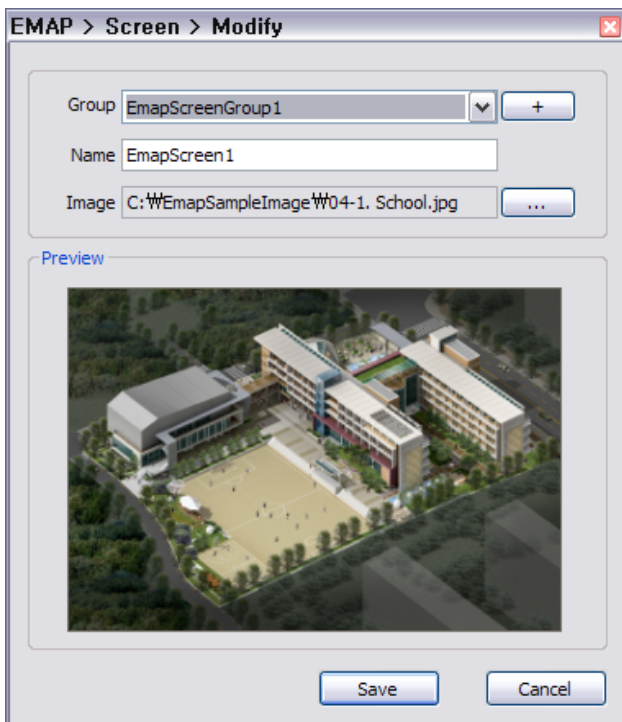


The initial Emap Screen after Save.



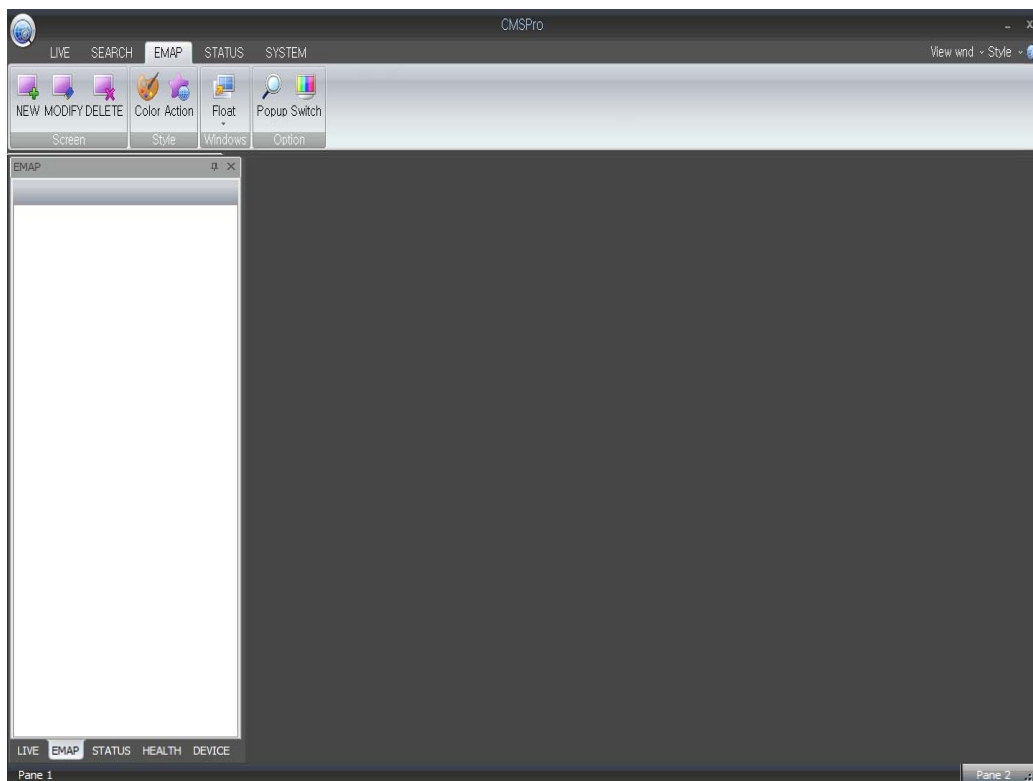
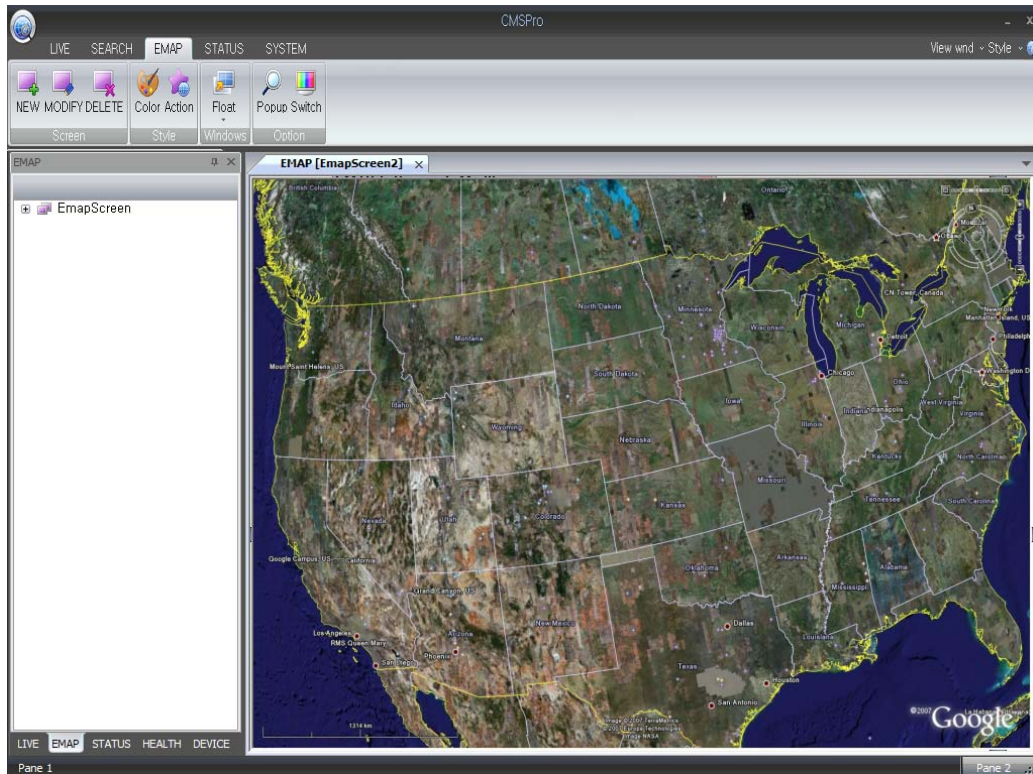
2.3.3 Modify a Emap Screen

Click [EMAP] -> [MODIFY] on selected EMAP Screen, then it could see EMAP Screen Modify screen.



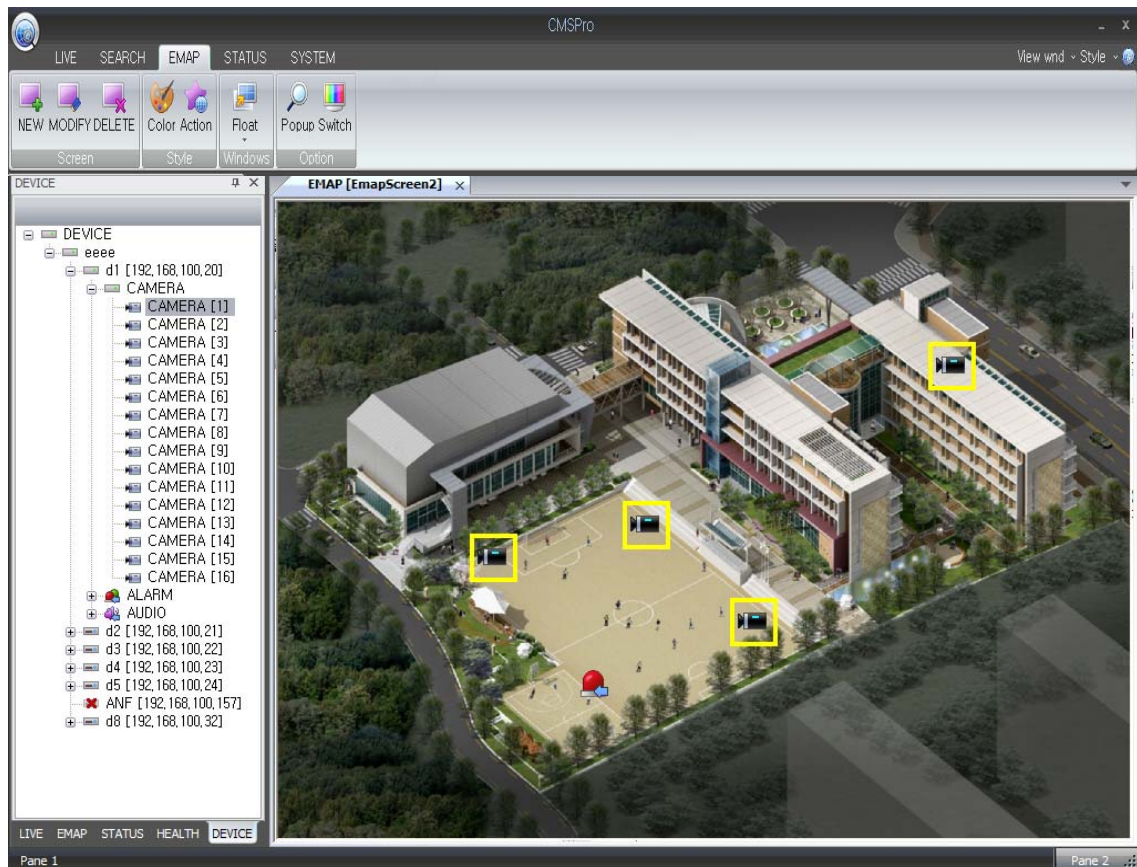
2.3.4 Delete a Emap Screen

If you click the [EMAP] -> [DELETE] on selected EMAP Screen , delete EMAP Screen.



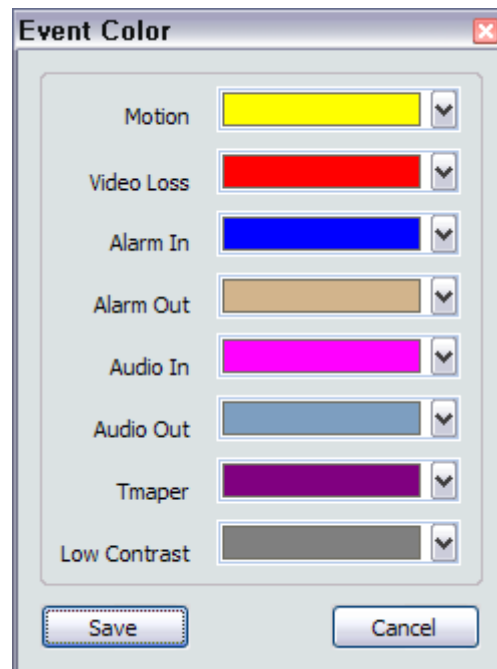
2.3.5 Bind Device to Emap Screen

- Now select DEVICE TAB on LEFT bottom Panel, then expand the tree
- Drag & Drop the CAMERA ITEM to Right window Panel, It could bind Device to Live Screen.



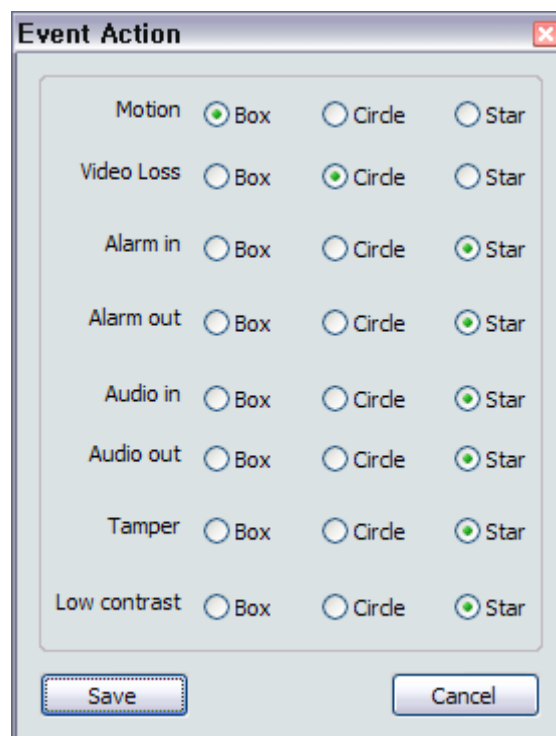
2.3.6 Emap Screen Event Color

Click the [EMAP] -> [Color] menu on selected EMAP Screen and output Next screen, then it could select wanted Event Action Color.



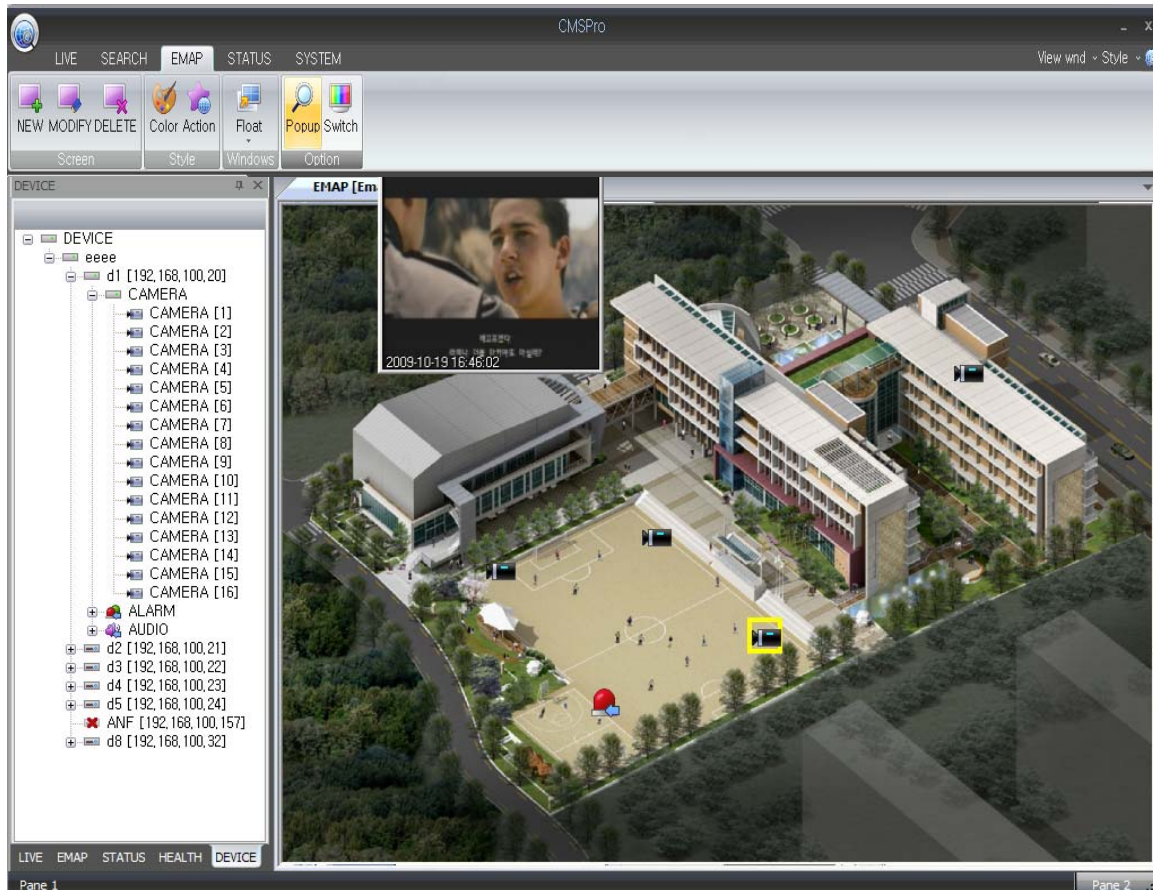
2.3.7 Emap Screen Event Action

Click the [EMAP] -> [Action] menu on selected EMAP Screen and output Next screen, then it could select wanted Event Action UI.



2.3.8 Emap Screen Popup (Manual/ Auto)

Click the [EMAP] -> [Popup] menu on selected EMAP Screen, then, Mini Live Screen could be pop-up as double-clicking icon as below.

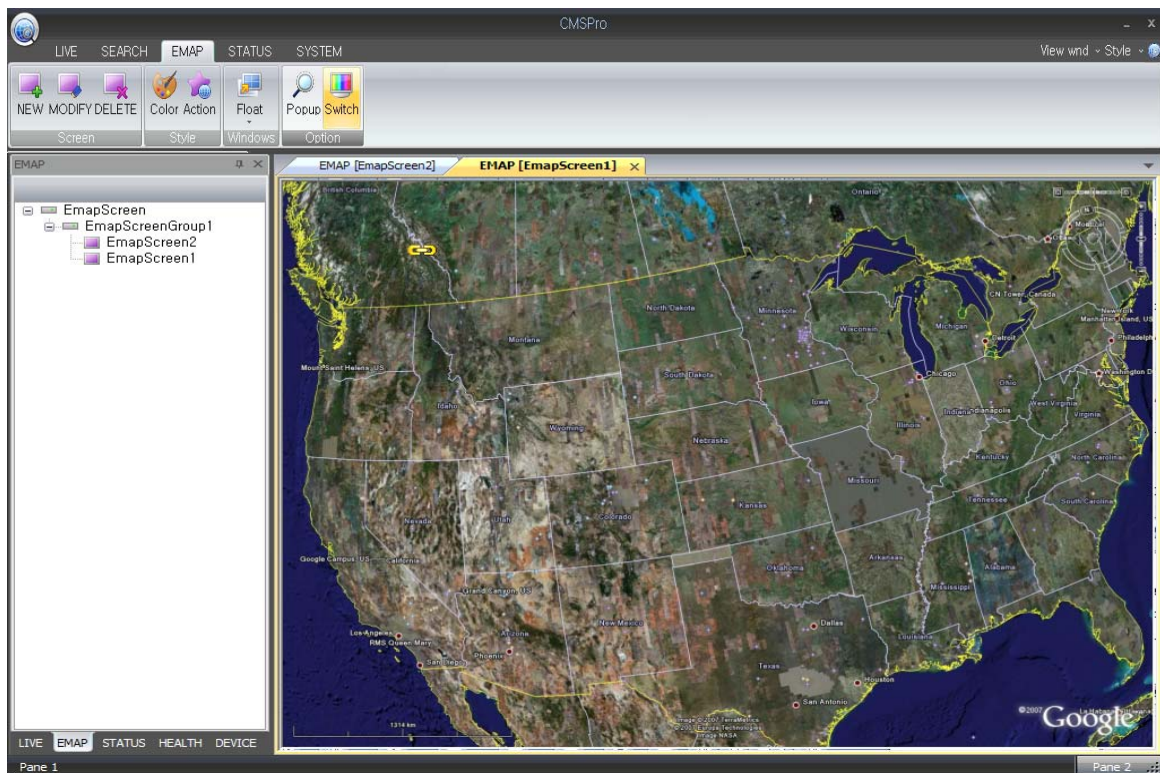


NOTE: It could coincide 8 Emap Event Popup Screens.

8 Popup Screens from the first detected Sensor -> The next event Popup after 10 second.

2.3.9 Emap Screen Switch(Manual/ Auto)

- Now select DEVICE TAB on LEFT bottom Panel, then expand the tree
- Drag & Drop Screen from Emap Screen tree on selected EMAP Screen, then generate Yellow Link shape Icon.
- Move Emap Screen as double-click
- When clicking the [EMAP] -> [Switch] menu, move automatically.
- When registering screen of Link icon happens to event, move automatically.



2.4 STATUS

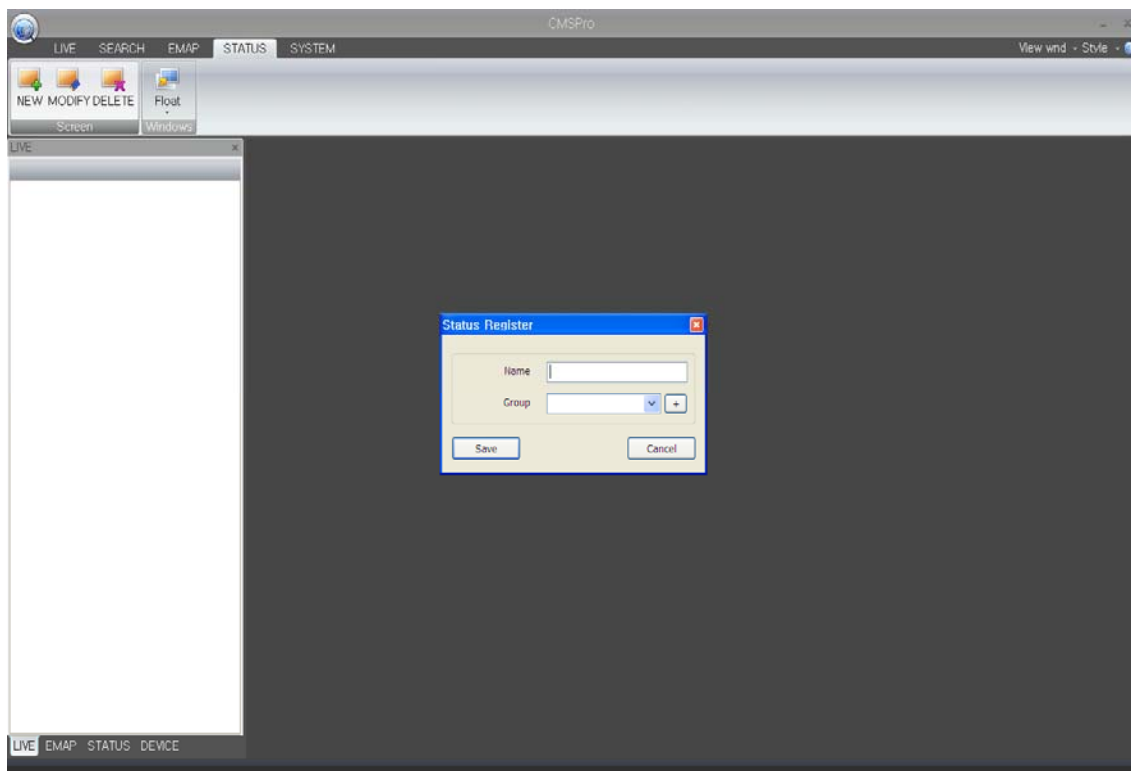
2.4.1 Summary

- Show the event (video, audio, alarm) which performs in the facility linked with CMS Pro by icon independent by channel for virtualization and at the same time to be able to monitor several facilities and all channels at real-time.

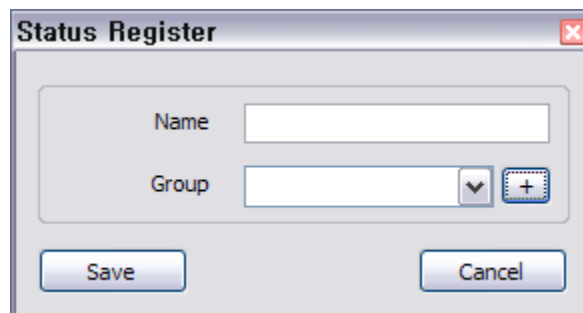
2.4.2 Create a STATUS Screen

- Click [EMAP] -> [NEW] to see the Status registration window on the CMS Pro menu.

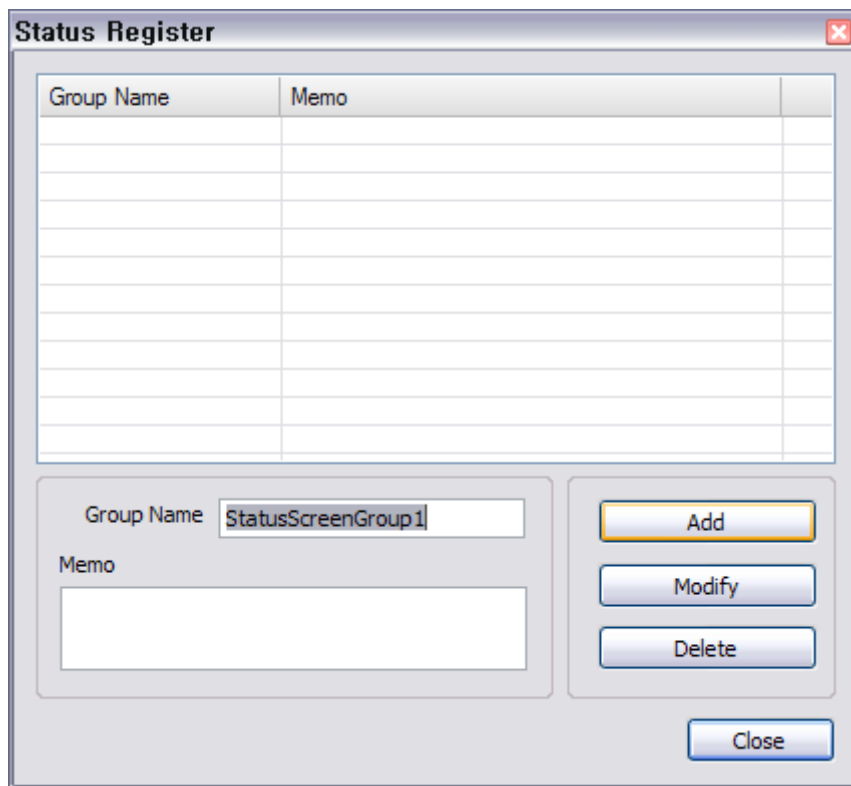
Click the [+] button as below to see Emap Group registration screen



Click the [+] button as below to see Status Group registration screen.



Click the ADD after input Group name as below.



The **Status Register** dialog box features a table with two columns: **Group Name** and **Memo**. Below the table, there are input fields for **Group Name** (containing "StatusScreenGroup1") and **Memo**. To the right of these fields are three buttons: **Add**, **Modify**, and **Delete**. At the bottom right is a **Close** button.

Group Name	Memo

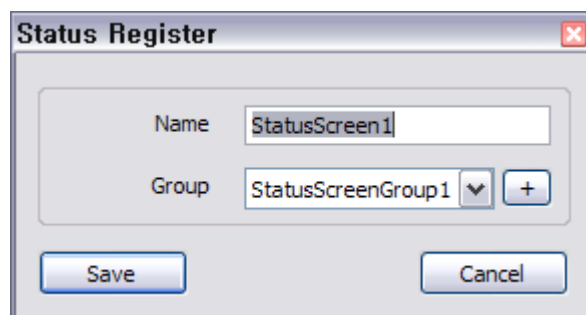
Group Name:

Memo:

Add **Modify** **Delete**

Close

Click the Save after input Screen name as below.



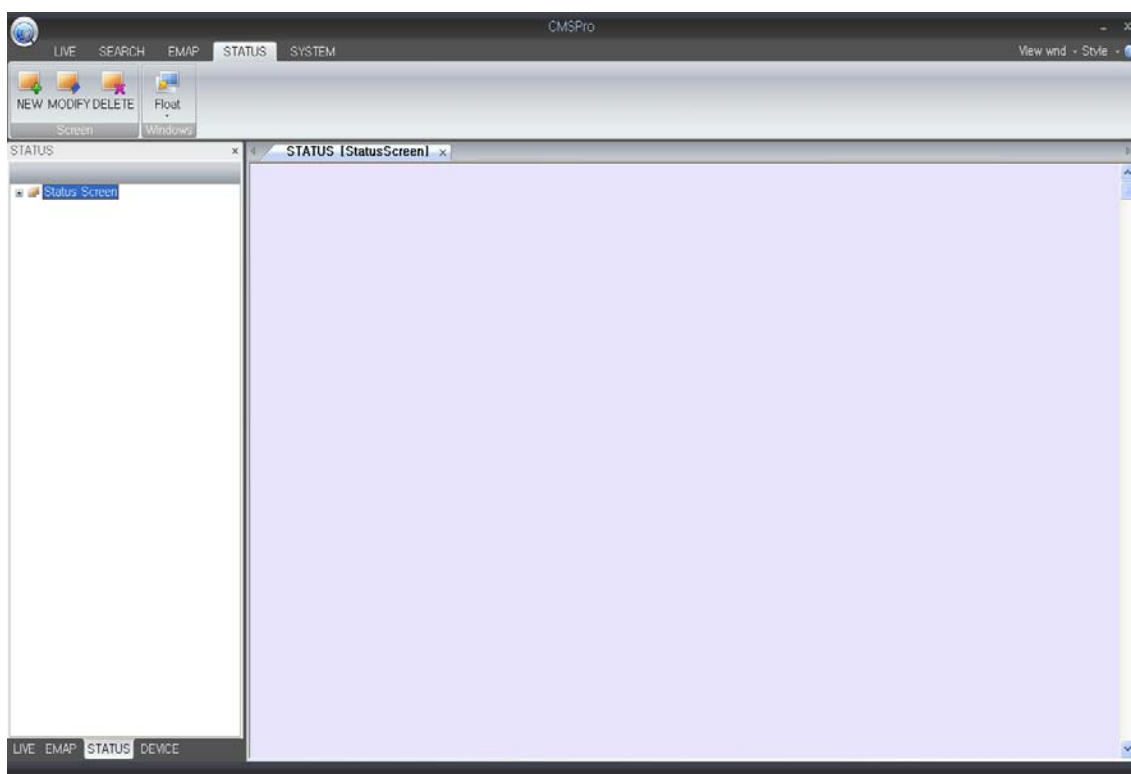
The **Status Register** dialog box shows the **Name** field with "StatusScreen1" and the **Group** dropdown menu set to "StatusScreenGroup1". There is a "+" button next to the dropdown. At the bottom are **Save** and **Cancel** buttons.

Name:

Group: +

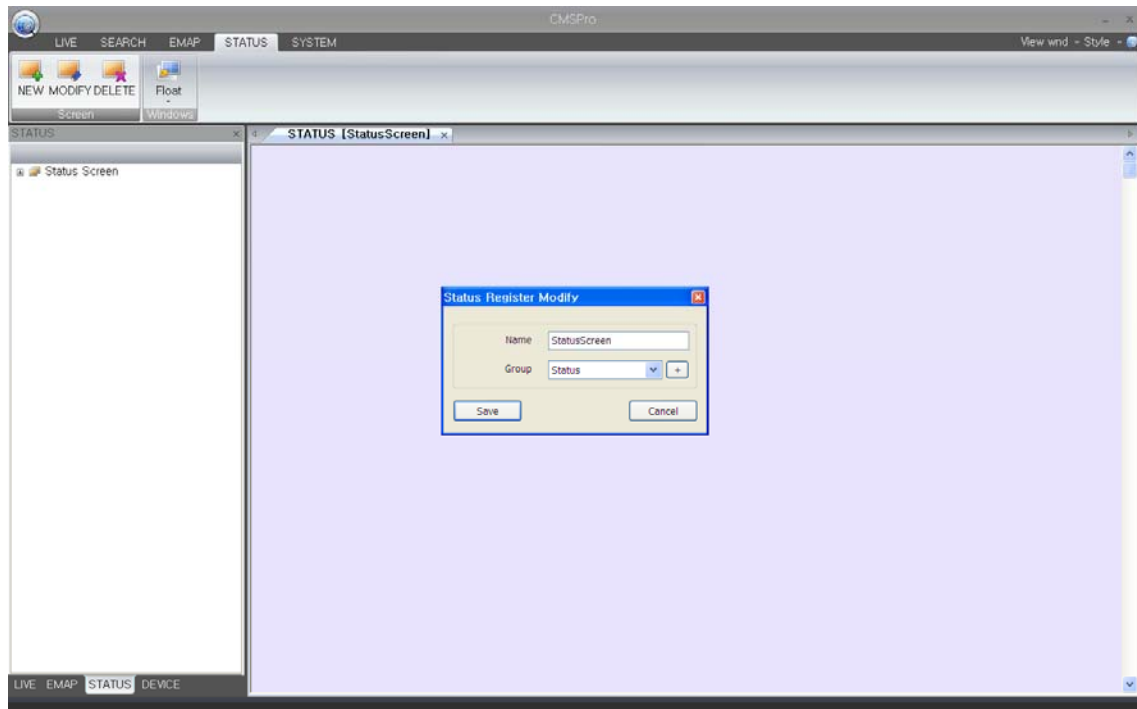
Save **Cancel**

Generate Empty STATUS Screen as below.

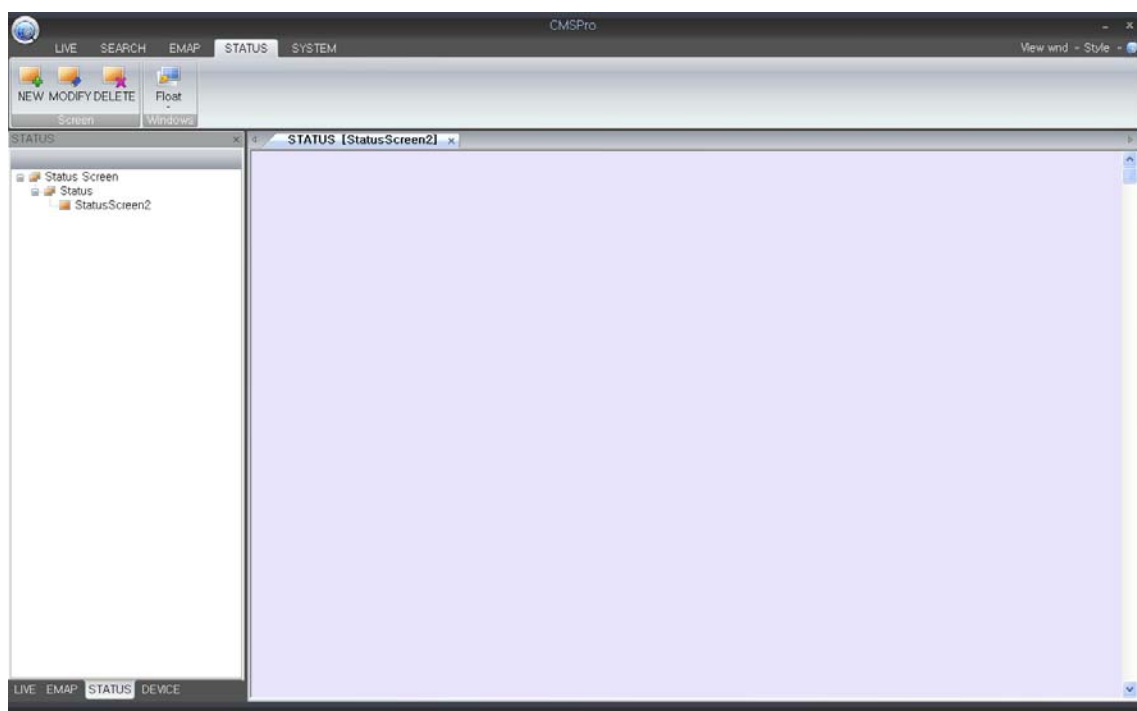


2.4.3 Modify a STATUS Screen

Click [STATUS] -> [MODIFY] on selected Status Screen, then it could see Modify screen of Status Screen as below.

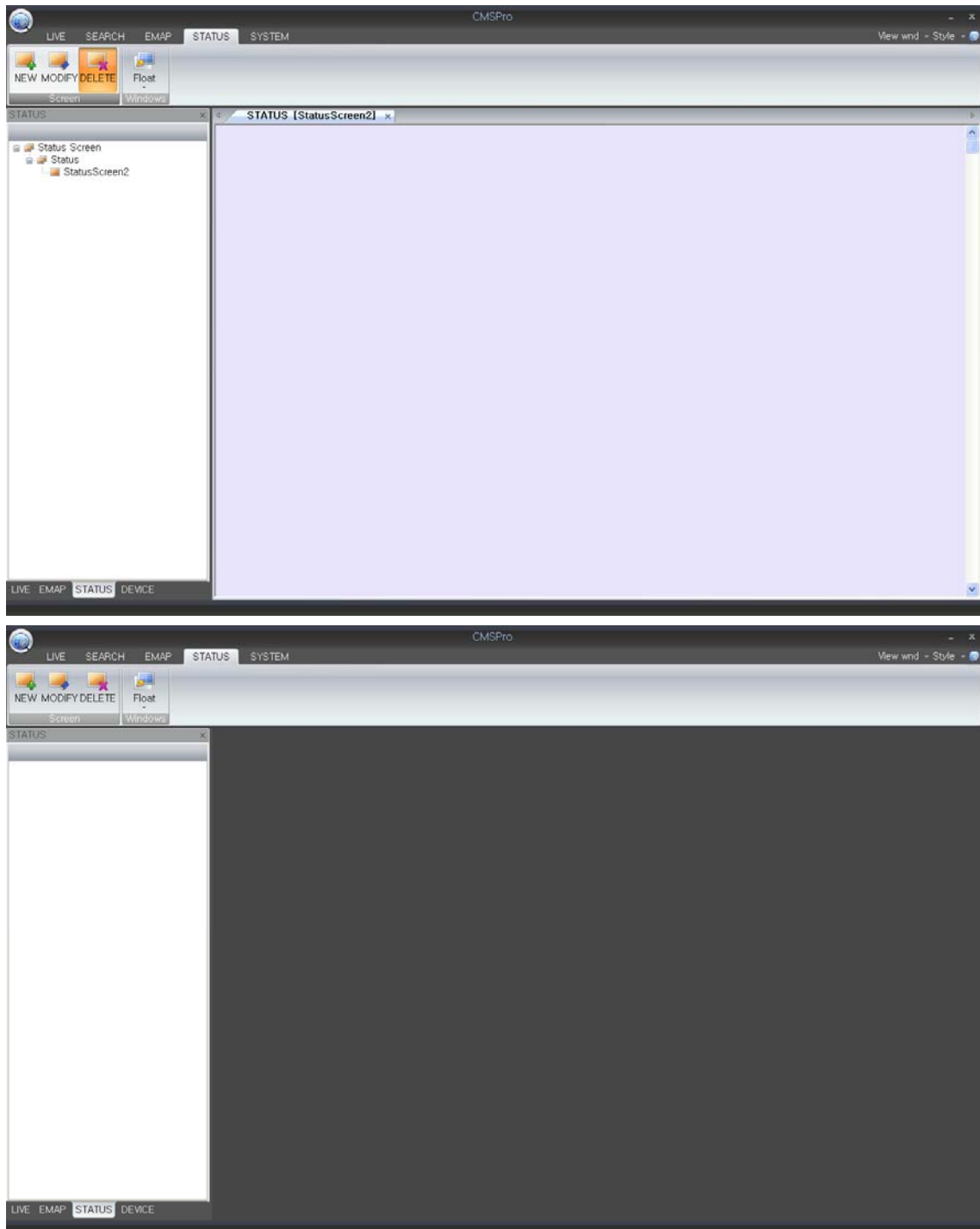


On Screen, after changing the Screen name of Name, changing content could be applied to save on CMS Pro.



2.4.4 Delete a STATUS Screen

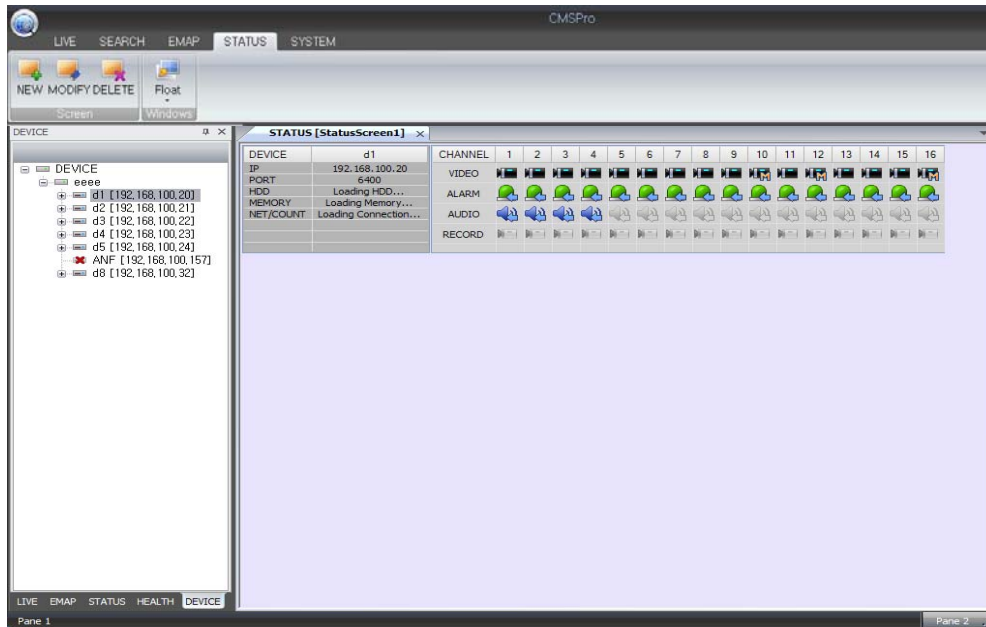
If you click the [STATUS] -> [DELETE] on selected Status Screen, delete Status Screen.



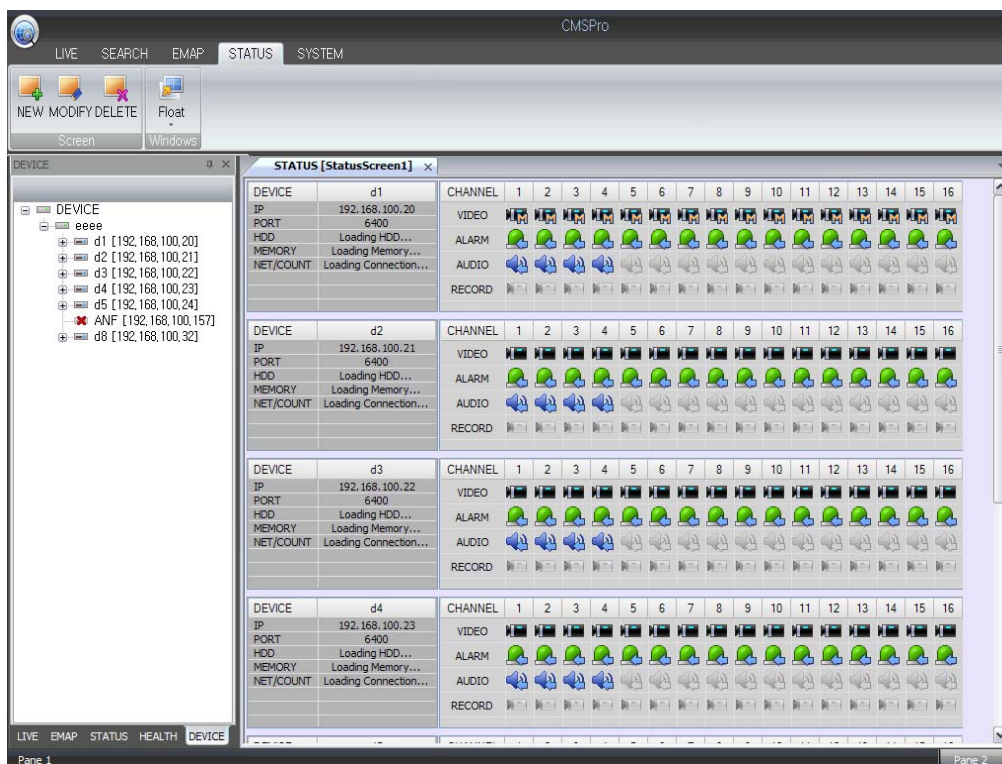
2.4.5 Bind a STATUS Screen.

Now select DEVICE TAB on LEFT bottom Panel.

Drag & Drop the Device ITEM to Right window Panel, It could bind Device to Live Screen



(Group Drag & Drop)



2.4.6 STATUS Screen Event Icon

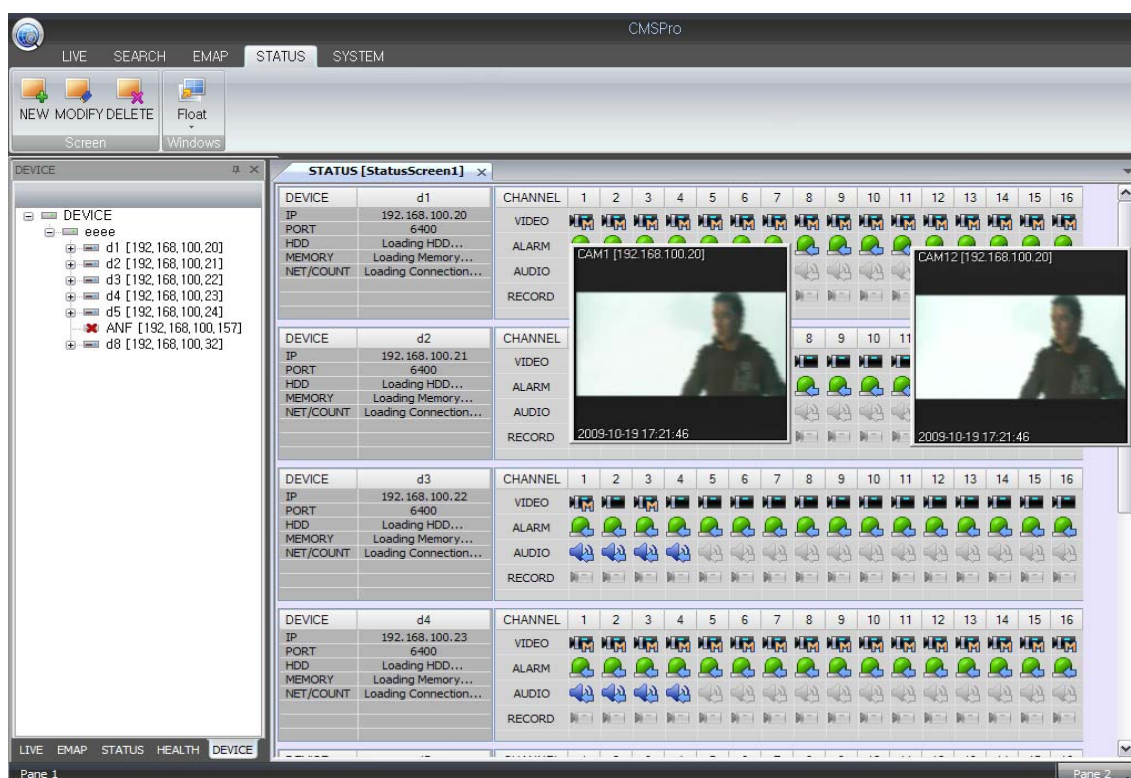
It could check per CH Event information after Device Registration as below.

(Motion, Video Loss, Alarm, Audio Event)

DEVICE	d1	CHANNEL	1
IP	192.168.100.20	VIDEO	
PORT	6400	ALARM	
HDD	Loading HDD...	AUDIO	
MEMORY	Loading Memory...	RECORD	
NET/COUNT	Loading Connection...		

2.4.7 STATUS Screen Popup

Click the Channel of registered Device on Status Screen, then, it could see Live Video of selected channel as below.



2.5 System

2.5.1 Summary

- It could generally work with Register/Setup/Search on CMS-Pro.

2.5.2 System Button State

- Register



Device : Register Device for connection.



User : Register User for working CMS-Pro.



IP Camera : Register Local Record as IP Camera.

- Archive



Snapshot : Set to work Snapshot.



Archiving : Set to work Archiving.

- Log



Device : Search DVR Log.



System : Search CMS-Pro Log.



Setup : Set DVR setup by remote.

- Connect



Connect : Try to connect registered DVR information.



Disconnect : Try to disconnect registered DVR information.

.

2.5.3 Device (Register)

- Register the Device.
- Add : Register after putting in setup content.
- Modify : Modify selected List from registered.
- Delete : Delete selected List from registered.

The screenshot shows a window titled "Device Register". It contains a table with the following data:

Group	Company	Model	Name	IPAddress	Port	UserID	Password	Aut
G1	ITX	NF-1648	NF-1	192.168.100.30	9802	ADMIN	1234	No
G1	ITX	HTR-1648	XVR-1	192.168.100.28	9800	ADMINISTR...		No
G1	ITX	HTR-1648	XVR-2	192.168.100.27	6400	ADMINISTR...		No
G1	ITX	HTR-1648	XVR-3	192.168.100.26	6400	ADMINISTR...		No
G1	ITX	HTR-1648	XVR-5	192.168.100.25	6400	ADMINISTR...		No
G1	ITX2_AX	ANF-1648	ANF-1	192.168.100.157	8080	ADMIN	1234	Yes

Below the table is a form for adding new devices. It includes dropdown menus for "Company" (ITX) and "Model" (AVR-0412), a "Group" dropdown (G1) with a "+" button, and text input fields for "Device Name", "IP Address", "Port", "User ID", and "Password". There is also a "Confirm Password" field. At the bottom of the form are three checkboxes: "ActiveX", "Auto Connect", and "Reconnect". To the right of the form are three buttons: "Add", "Modify", and "Delete". At the bottom right is a "Close" button.

- The Company selection tab.
DHU100, 500, 700
DHU600

2.5.4 User (Register)

- Register CMS-Pro User.
- Level of authority for each user's CMS Control could be managed by registering profile for each authority.
- By default, the CMS Pro is configured with a user ID of ADMIN, belonging to the ADMIN group and with a password of 1234.

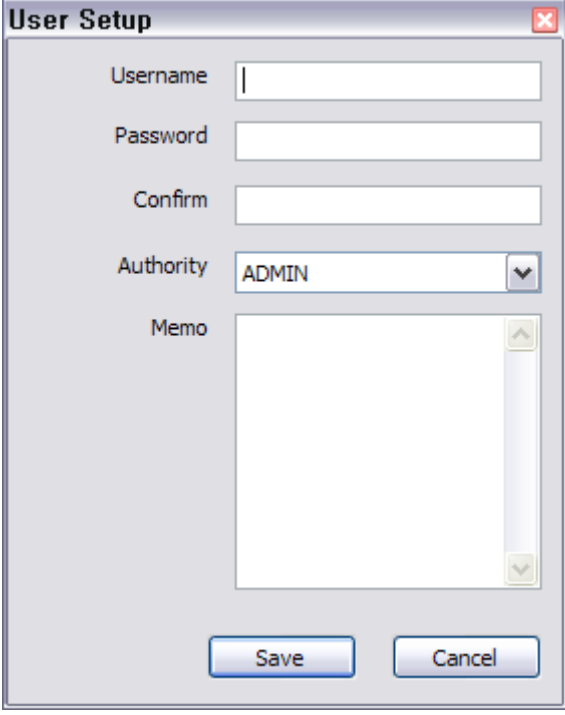
The screenshot shows a Windows-style dialog box titled "User Register". It contains a table with four columns: "Username", "Authority", "Memo", and an empty column. The first row has the values "ADMIN", "ADMIN", and "administrator". Below the table are three buttons: "Add", "Modify", and "Delete". At the bottom right is a "Close" button. A red 'X' icon is visible in the top right corner of the dialog box.

Username	Authority	Memo	
ADMIN	ADMIN	administrator	

Add Modify Delete

Close

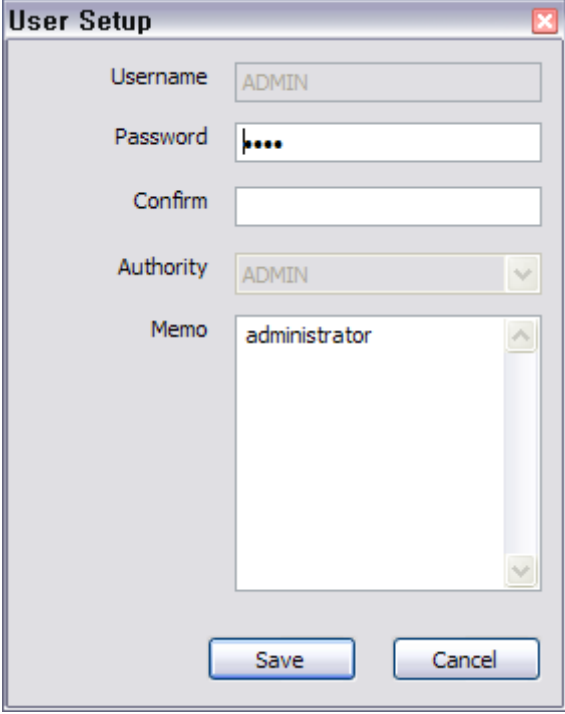
- Make Username, Password, Confirm, Authority, Memo with Add button.



The 'User Setup' dialog box is shown with the following fields and controls:

- Username:** A text input field with a cursor at the start.
- Password:** A text input field.
- Confirm:** A text input field.
- Authority:** A dropdown menu with 'ADMIN' selected.
- Memo:** A large text area with a vertical scrollbar.
- Buttons:** 'Save' and 'Cancel' buttons at the bottom.

- Modify Selected List Content with Modify button.



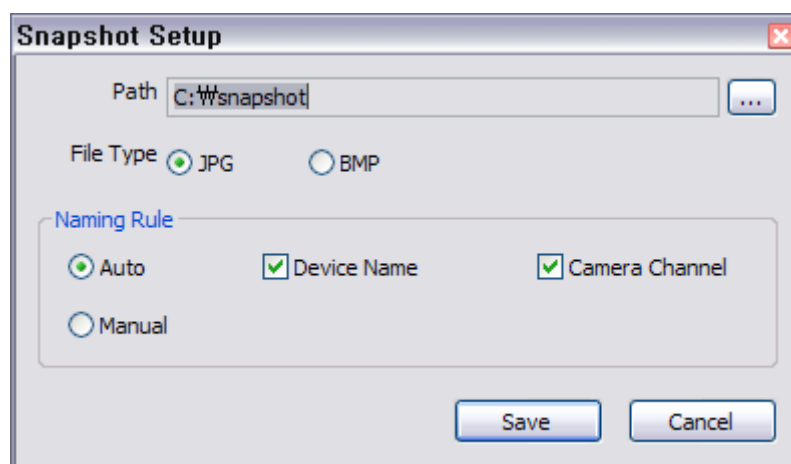
The 'User Setup' dialog box is shown with the following fields and controls:

- Username:** A text input field containing 'ADMIN'.
- Password:** A text input field containing four dots.
- Confirm:** A text input field.
- Authority:** A dropdown menu with 'ADMIN' selected.
- Memo:** A large text area containing the text 'administrator'.
- Buttons:** 'Save' and 'Cancel' buttons at the bottom.

- Delete Selected List Content with Delete button.

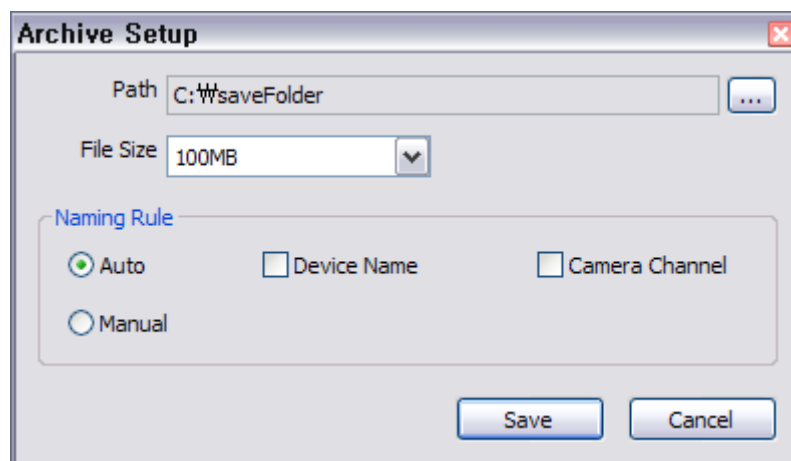
2.5.5 Snapshot (Archive)

- Set for Snapshot.
- Path : File Path for Save.
- File Type : Select BMP, JPG type.
- Auto : According to select Device Name and Camera Channel, Selected file is recorded to file name.
- Manual : Input the file name, as working Snapshot function, then record.



2.5.6 Archiving (Archive)

- Set for Archiving.
- Path : File Path for Save
- File Size
 - Set the Maximum Recording Size per file.
 - As exceeding the setting file size, it could be divided to record as much as setting size.
- Auto : According to select Device Name and Camera Channel, Selected file is recorded to file name.
- Manual : Input the file name, as working Archiving function, then record.

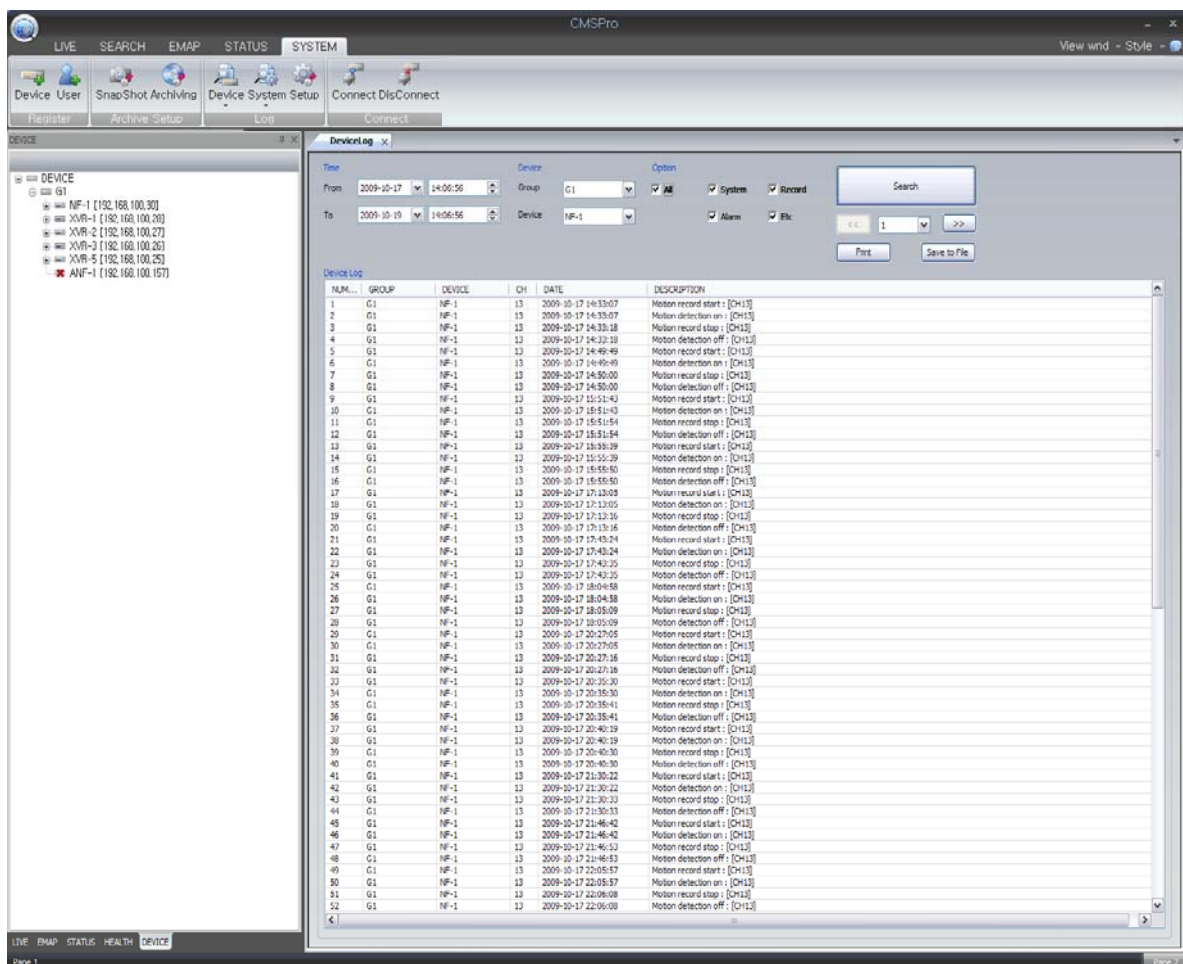


2.5.7 Device (Log) -> DVR Log

- Function to search the Log of the event as a list from the registered Device
- Don't Float More than 1 Screen.
- Time : Set the Time.
- Device : Select Device for Search.
- Option : Check the Filter for Search.
- Print : Can Print in case of Search content.
- Save to File

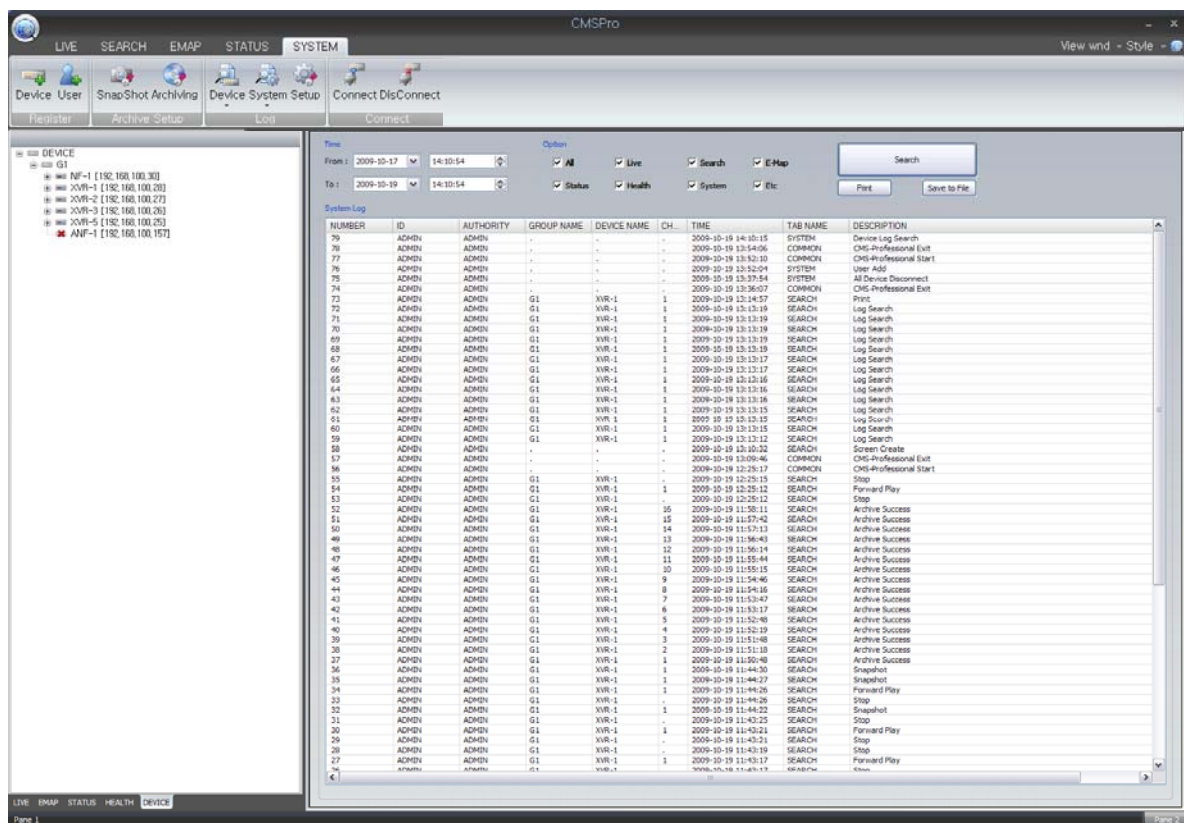
Can Save File, if there is Search content.

Recording Folder is same to Setup Path of [Archive]→[Archiving].



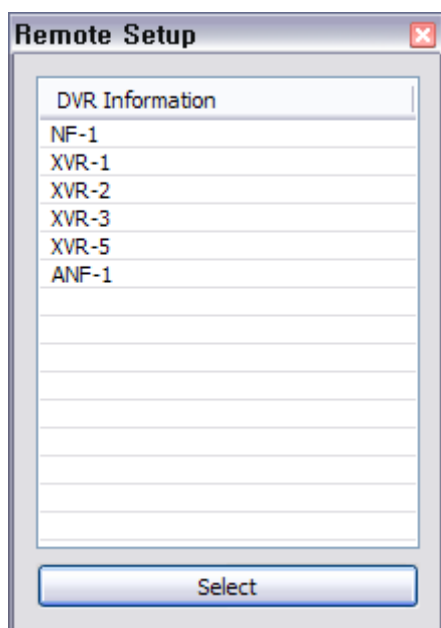
- Function to search the Log as a list from the CMS Pro
- Don't Float More than 1 Screen.
- Time : Select the Search Time.
- Option : Check the divided Option for main function
- Print : Can Print in case of Search content.
- Save to File

Recording Folder is same to Setup Path of [Archive]→[Archiving].



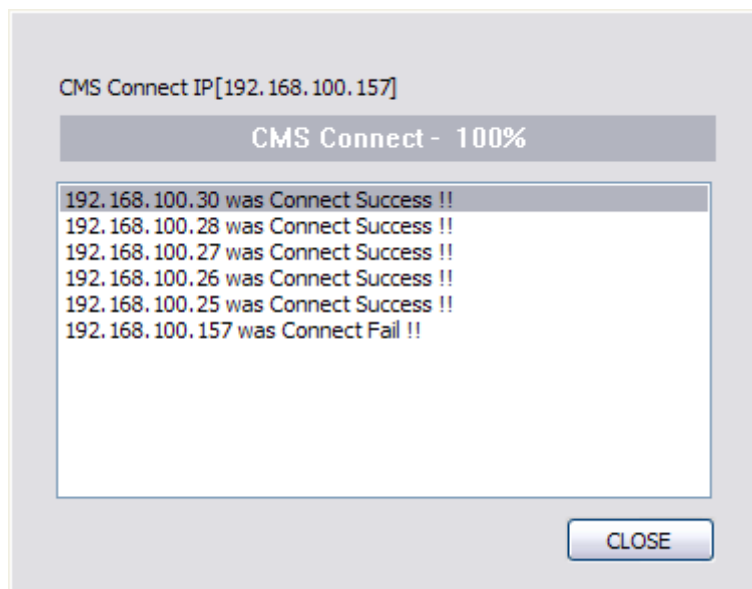
2.5.9 Remote Setup (Log)

- Run the Connecting Remote Setup of Connecting Device.
- It couldn't run several setting at the same time.
- Press the Select button after selecting Device.



2.5.10 Connect (Connect)

- Connect Registered Device.



2.5.11 Disconnect (Connect)

- Disconnect Registered Device.

