Life Is On | Schneider Electric

Easergy Studio V9.2.1
Release Notes

| Document date: 19 October 2020 |
| Version: B |

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1   How to get Easergy Studio Installer?

To get the Easergy Studio Installer, go to www.se.com or use Schneider Electric Software update to be inform of new releases and download automatically.

2   About release V9.2.1

This release provides a full installation of Schneider-Electric Easergy Studio V9.2.1.

-    Its supersets version V9.2.0 and oldest.

-    Please at installation, use update option of Easergy Studio installer.

-    Or remove any previous version of Easergy Studio (do not remove the data models)
-    Your database and systems will not be removed.
-    Install afterwards Easergy Studio V9.2.1.

3   How to install

This installation

-    is to be downloaded to your hard disk for later installation by running the .exe file
-    is providing an installation shield for a most convenient upgrade of your Easergy Studio
-    retains all existing systems (or projects)
-    can be run multiple times

4   Windows compatibility

This Easergy Studio is compatible with Windows 10.

5   Known issue

5.1   Language installation

Mandatory to install English version in addition to another language file Germany, Portuguese, Spanish, etc. After, the user can switch to his preferred language.

7 Computer characteristics (for information)

Minimum and recommended hardware requirements for Easergy Studio and other tools included UPCT, P746 RHMI, P740 Topology Tool are based on all tools included in current installation package.

The results are based on Easergy Studio v9.2.1 requirements.

7.1 Minimum Requirements:

Platform	Processor	RAM	HDD[1]	HDD[2]
Windows 10 x86	1 GHz	1 GB	900 MB	2,1 GB
Windows 10 x64	1 GHz	1 GB	900 MB	2,1 GB

7.2 Recommended Requirements:

Platform	Processor	RAM	HDD[3]	HDD[4]
Windows 10 x86	1 GHz	2 GB	900 MB	2,1 GB
Windows 10 x64	1 GHz	2 GB	900 MB	2,1 GB

Notes:
1. Both configurations do not include Data Models HDD requirements.
2. Screen resolution for minimum requirements: Super VGA (800 x 600).
3. Screen resolution for recommended requirements: XGA (1024x768) and higher.
4. Easergy Studio must be started with Administrator privileges.

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[1] OS with Windows Updates updated on 2015/05

[2] OS without Windows Updates installed

[3] OS with Windows Updates updated on 2015/05

[4] OS without Windows Updates installed

9   New features

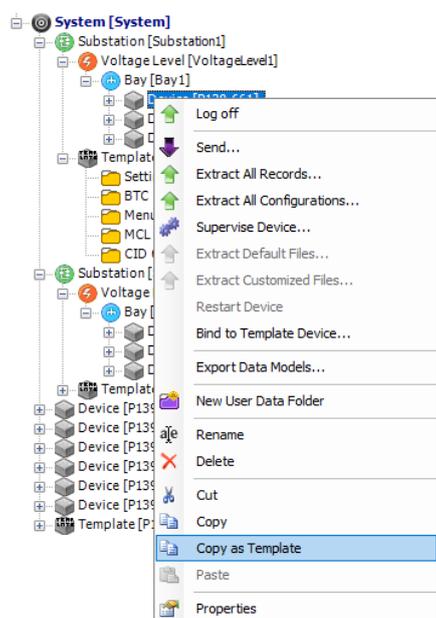## 9.1 Release V9.2.1

9.1.1   Command Line Tool to Transfer Easergy Micom P40 Data

Added new enhancement to extract events and disturbances from Micom P40 series.

9.2 Release V9.2.0

9.2.1   Template manager

Template management enables users to perform massive change propagation inside Studio System. Template device is a new kind of element in Studio System – it mimics regular device in the way that it allows to store and edit configuration files but it has all online functionality like Send, Extract, Disturbance Records, Measurements etc. removed. Template Device is a virtual device that has one or more parts of its files or complete files tagged as template. Template tagged part of a file is a part that can be propagated to other files with same type and same product reference. As templates are virtual devices which are part of the system (as well as any other device). They can be imported and exported as system elements. They can also be created from a physical device (physical device can be copied as a template)

A template device has the list of devices linked to it. This list can be edited in a specific window in which user can select or unselect which one of matching devices refers to the template.

Template files "marked as default" (source) are propagated to linked devices files "marked as default" of the same type (target).

9.2.2   Command Line Tool to Transfer Easergy Micom P40 Data

The command line makes possible for a user to extract Easergy Micom P40 settings file, events and disturbances record with a command line. Additionally, it is also possible to send settings file to IED. All operations with support for Cyber Security passwords.

9.2.3   Integration of Easergy Pro for Easergy P3 and Easergy P5 devices into Easergy Studio

Added possibility to manager all files from Easergy P3, Easergy P5, Micom P10, MiCOM P20, Easergy Micom P30 and Easergy Micom P40 in to "Studio Explorer" project view.

Added possibility to create / open the off-line settings file from Easergy P3 and Easergy P5 devices.

Added possibility to create "Connections" into Studio Explorer.

Added possibility to save manually all Disturbance Records files into "Studio Explorer" project view.

9.2.4   User preferences – Enable/disable Safe Repository

The user can enable or disable from user preferences the option for Schneider Electric Safe Repository clould.

9.2.5 New Data Model Server

For Cyber Security reason, the server of Easergy Micom device Data Models was updated. All the users using Easergy Studio before version 9.0.0 should update to the newest release.

9.2.6 Export Multiple MCL/CID files

The user can export one of multiples MCL/CID files in the single operation.
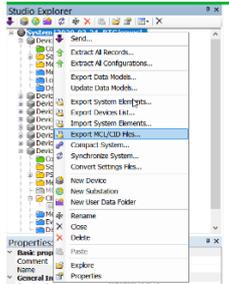
9.2.7 Convert Multiple Settings Files

The user can convert multiples settings files to different software version in a single operation.
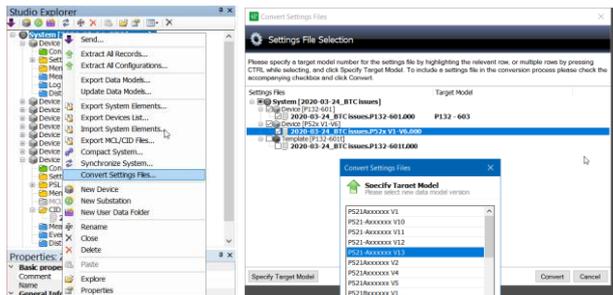
9.2.8 Access point configuration for Process Bus

The IED Configurator is enabled to manage the choice of access point for Process Bus projects.

9.2.9 Performance Issues

This release also corrects some performance and other issues.

10 Enhancement and Corrected issues

10.1 Release V9.2.1

# 6702	Corrected, MCL and CID banks to be switched with Easergy Studio and Easergy Transfer Tool
# 6722	Corrected, MU to be available in Sample Value Subscribing if its Identifier does not match the the rules
# 6705	Corrected, Save SCL failed when use FPN to map virtual IED (without PB) to physical IED (with PB)
# 6720	Corrected, Failed to attach label to input or output in PSL
# 6703	Corrected, create mcl for device operating in IEC61850 Ed.1
# 6700	Corrected, Save SCL failed with four report clients
# 6691	Corrected, Temporary false positive when validating a cid after scd import
# 6679	Enhancement on Texts in DEV/IO Config dialog
# 6575	Enhancement on New assembly variants from C434-661 84T in BTC V3.3.0
# 6653	Corrected, MCL upgrade
# 6617	Corrected, Deactivation of function groups Px30
# 6708	Corrected, Report Control Blocks: validation when Access Point in Report Clients is empty
# 6707	Corrected, Limited Function Copy/Paste
# 6682	Corrected, User Defined Bay type is changed to Standard for BTC opened from BBT
# 5656	Corrected, BTC - Menu "Edit/Reserved Areas"
# 6685	Corrected, Background color is stored only for Switchgear Units in BBT
# 6673	Corrected, Last character cut-off for some signals in exported HDR file
# 6612	Corrected, Warning messages
# 6696	Enhancement on Easergy Transfer Tool to inform that there are less Disturbance Records on the relay side than expected amount to be extracted
# 6674	Enhancement on "Created by" field added to exported HDR file
# 6130	Corrected, Copy selection
# 6681	Corrected, BBT device allocate in files
# 6689	Corrected, Progress bar for Disturbance Records extraction
# 6677	Corrected, Unmap button in Goose Subscribing

10.2 Release V9.2.0 / V9.1.0 / V9.0.0 / V8.2.0 / V8.0.1

# 3957	Changing Modbus setting value by MiCOM S1 Studio always marks as modified.
# 4095	Corrected error occurred when add data model in DMM under hardened Win 7 OS
# 4600	Corrected error to send Customized Files to Px30 extended platform device via SFTP
# 4668	Corrected DMM - application is case sensitive - SDMA file with capital letters extension will be reported as invalid
# 4783	Corrected MS1S stops responding on Px30 device settings extraction when connection response time parameter is set to low value
# 4846	Enhancement on Px40 PSL Editor CS 3 - proper communication error handling
# 4990	Corrected Firmware issue - FPN firmware accepts the normal Px4x template and download is successful
# 5082	Corrected a IEDConfigurator does not download MCL-files.
# 5403	Enhancement on DMM - Missing marquee while reading Index file on startup
# 5412	Enhancement on ED2 & FPN strore project before switch to IED Configurator
# 5658	Enhancement on FPN: SCD Update
# 5659	Corrected FPN : Mapping to unknown LNTYPE
# 5660	Corrected IFPN: ICD generation
# 5663	Corrected FPN : mapping shall be allowed if CDC match
# 5756	Enhancement on Import Excel Template - Symbols of units are not displayed properly in Logs
# 5785	Enhancement on Event Viewer shows warning messages after changing language of Studio System
# 5823	Corrected Configuration data(Application ID and Configuration Revision) can not be saved in MCL file
# 5840	Enhancement on Disturbance Record name with date format as YY.MM.DD hh.mm.ss
# 5845	Enhancement on Installing data models from Internet sources
# 5859	Enhancement on Decrease DNP Max client from 8 to 6 for dnp set file
# 5867	Enhancement on shortcuts to quickly send/extract selected settings cells and groups

5869   Enhancement on reading index from Internet sources
5878   Useless Change Configuration Template menu item in edition 2
5887   Enhancement on Increase Ping time out for Ethernet connexion from 120ms to 1000ms
5888   Using 'Connect' on Px30 connection is set as default
5889   Enhancement on Installing Microsoft .NET Framework 4.7.1
5892   Enhancement on Switching from Serial to Ethernet connection for Px30 display 'ignore timer' dialog
5896   Enhancement to 'Extract all records' for a   Px30 devices require adding new comment during whole extraction process
5899   Send Firmware option removed from Px30 context menu
5915   Enhancement, added a Checkbox/button to select all checkboxes in Send to Safe Repository and Browse Safe Repository
5926   Enhancement, Print preview - selected node show all cells inside
5928   Enhancement, Remove "Use fixed incoming TCP port" section for Px30 with firmware below -660
5929   Enhancement, Operating Data Records and Monitoring Signal Records data format improved
5935   Enhancement, Arrows in ES consistency
5936   Enhancement, Process vbus - Changed the up-down button to the drop-down list
5938   Enhancement, Add an option to display IED like a list rather than like small icon in "Import SCD"
5941   Enhancement, New column with version of file available on asset store added to list of elements in Send to Safe Repository dialog
5942   Enhancement, New columns with buttons to increase minor or major version added to list of elements in Send to Safe Repository dialog
5946   Enhancement, Added 'Ignore ID' checkbox to Diagram Compare Results dialog in PSL Editor
5947   Enhancement, Added the physical IO reference
5950   Enhancement, Messages in "Downloading Safe Repository files" dialog improved
5955   Enhancement, Log messages during Safe Repository operations display 'Serial Number'/'Product Number'
5961   Corrected, Easergy Studio 8.0.0 with Patch does not downoad CID file
5963   Corrected, Network Connection with Easergy Studio
5964   Enhancement, Apply template - Added possibility to choose another SCD file than the one from FPN project
5968   Corrected, Goose Subscription - Data type = "BSTr2" in V8.0.0.0 is changed into "SPS" if opened in V7.1.0
5977   Enhancement, 'Select All' checkbox selected always when all files are selected
5995   Enhancement, added possible to configure SclMng transformations from UI
6000   Enhancement, Notice how to configure datasets for Process Bus removed
6004   Enhancement, Verify option only available when CID file not match device
6005   Enhancement, P138: fPN_IEDC tool did not support adding additional LD
6010   Enhancement, Swap Safe Repository no longer visible
6025   Enhancement, Cursor in blank field of Easergy Studio Diagnostic Tool is redundant
6028   Enhancement, Added tooltips and modify Interface labels in Communication tab
6056   Enhancement, In setting conversion
6059   Enhancement, Added "Delete System" button to Easergy Studio Start Page
6069   Enhancement, Implement Easergy P1V1 and P1F1 compatibility with ES
6077   Corrected, Exception while QC - 'Busy holdoff time (ms)' has value greater than 32767
6093   Enhancement, 'Copy selection' - applied selected branch does not copy all elements belonging (only node)
6094   Enhancement, 'Copy selection' copy all list parameters for multiselect cells
6100   Enhancement on 'Display borders' checkbox state at BTC Tools
6133   Enhancement, Map DOs dialog as resizable
6134   Enhancement, Removed from 'Add Existing File' *.hex extension (BTC folder)
6135   Enhancement, Not linked DOs in Map DOs dialog is highlighted
6147   Enhancement, added send BTC files to Px30 device without manual conversion to BBT file
6148   Enhancement, removed required for User Symbol (including <Text> element) to have at least one Data Point assigned in BTC.
6149   Enhancement, User is able to add elements to already selected elements using shift button and drag mouse cursor over the area with new elements on BTC
6155   Enhancement, Change Date and Time dialog in Supervise Device is reading actual date and time from the relay
6164   Enhancement, 'Created by' field in extracted Px30 log files is improved

6186   Enhancement, File extensions related to Binary Type Configuration format added in Studio as Binary Template Configuration

6187   Enhancement, Highlight unassigned elements on the diagram on simulation tab on BTC

6195   Enhancement, State labels for Switchgear Units with only 2 states is improvemented

6196   Enhancement, Added Change SCD button to Apply Template dialog

6197   Enhancement, IED Configurator is asking if user wants to overwrite the file if SCD was changed in opened FPN project

6198   Corrected stability of comparing PSL files

6200   Enhancement, Ohm (omega) and Celsius units is modified on Simulation tab in the BTC

6202   Enhancement, Fct. Assignm. U elements from INP settings group and Fct. Assignm. K elements from OUTP settings group is available on the Data Points list on BTC

6242   Corrected, Overwriting of parameters of an IED with a setting file with a different F Number

6251   Enhancement, P30 - Disturbance record for railway - Change frequency from "16" to "16.7"

6263   Enhancement, MiCOM S30 is removed from the Open Default Settings file protocol list

6270   Enhancement, Improve time of extracting help's files during installation ES

6277   Enhancement, Event report list - added line stating Easergy Studio "Connection" setting used

6278   Enhancement, Event report list - date format DD.MM.YYYY for German

6290   Corrected, Definition 003.235 COMM1 Ind./cl. analog inp. class configuration

6294   Enhancement, Studio installer "hangs up" during Studio upgrade

6304   Enhancement, S1 RDF simplify S1 data model files

6308   Enhancement, Export Devices List is upgraded for Px30 relays

6314   Enhancement, Copy and Paste parameters between different Px30 devices is available

6315   Enhancement, Paste parameters by address is added to Studio explorer context menu

6343   Corrected, ES V8.2.0 Connect/Quick connect and Connect/Scan network improcviments in German

6378   Enhancement, new layout of Position of delete and close button

6401   Enhancement, German labels in Log Records header is improved

6418   Enhancement, Only Active Bank is selected for MCL and CID files in Extract All Configurations dialog by default

6419   Corrected, Quality Obj/Elem Index disabled after open the saved CID file.

6420   Enhancement, Easergy Studio is allow to add comment during Disturbance Records extraction

6423   Enhancement, added Comment for each disturbance record before extracting from P/Cx30

6444   Enhancement, Easergy Studio: COMTRADE file name output format yy-mm-dd... by default

6450   Enhancement, Export device list - P30 - Avoid displayed useless 000

6490   Enhancement, Bind button is disabled if there are no devices/templates is bound with

6491   Enhancement, Use case of displaying the Manage Device Binding when there are no matching devices can be upgraded

6508   Enhancement, Both Tag as Template and Untag as Template are enabled

6528   Enhancement, Easergy Transfer Tool is log in console paths to Data Models and Log folders

6531   Enhancement, User choice of selected file types is remembered after propagation

6542   Enhancement, Support for sending slider type cells by Easergy Transfer tool is improved

6566   Corrected, Px2x Setting slow refresh

6589   Enhancement, Created new Dataset is set Location path to System\LLN0 by default

6622   Enhancement, added glasslock while Export MCL/CID Files or Convert Settings Files are invoked

6633   Enhancement, File transfer mode via Ethernet is removed from Px30 Quick Connect and New Connection wizar

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