

Easergy Studio V8.0.0 Release Notes

Document date:	26/March/2018
Version:	A

Schneider Electric Industries SAS

Postal address / Adresse postale :
Site TECHNOPOLE
28 rue Henri Tarze
38050 Grenoble Cedex 9
Tel. +33 (0)4 76 57 60 60

<http://www.schneider-electric.com>

Legal information / Mentions légales
Société par actions simplifiée au capital de 928.298.512 euros
954 503 439 rcs Nanterre – code APE : 2712Z
Siret : 954 503 439 01719
n° ident. TVA : FR 04 954 503 439
Siège social : 35, rue Joseph Monier
F – 92500 Rueil-Malmaison

1 About release V8.0.0

This release provides a full installation of Schneider-Electric Easergy Studio V8.0.0.

- It supersedes version V7.1.0
- Please at installation, 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 V8.0.0.

2 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

3 New features

3.1 Compatible of Windows 10

As from Easergy Studio Software Version 8.0.0, Windows 10 is now formally supported for certain programs within the Easergy Studio suite. For more details, please see Introduction to Easergy Studio in the on-line help.

3.2 Export/Import part of a System

As from Easergy Studio Software Version 8.0.0, it is possible to export or import a whole system or just a part of one. This is useful because Easergy Studio systems can be large, so providing the ability to choose only certain elements to export/import is useful. You can also select the destination branch (Bay, Voltage Level, etc) to which any elements are imported.

3.3 Synchronize System

The Synchronize System function is provided so that you can quickly see the differences between a currently opened Studio System and an external Studio System.

3.4 Compare DNP Files

The S&R Courier tool included a function to compare DNP Files. However, the S&R Courier tool is now a legacy tool and it is no longer included within the Easergy Studio software. The Easergy Studio software now includes a DNP File compare function.

3.5 Windows XP

As from Easergy Studio Version 8.0.0, Windows XP is no longer formally supported.

3.6 Performance Issues

This release also corrects some performance and other issues.

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4 Corrected issues

4.1 Easergy Studio

- # 5698 - Extract DNP Setting operation improvements
- # 5673 - SubNet Mask and Gateway Address fields was revised
- # 5646 - Switch banks improved
- # 5771 - Download CID file and switch banks process was improved
- # 5796 - Network interface configuration improvement when VLAN is checked
- # 5798 - Network interface configuration improvement when its IP is same as old Interface1
- # 5797 - General improvement in the VLAN config.
- # 5770 - CID generator changes specific XML tags out of ICD to textual tags (Apostrophe ')
- # 5772 - Correction on store FPN project
- # 5773 - IED Configurator to support SNTP configuration configured in SSD / SCD into the CID files
- # 5456 - The min and max value in FPN's CID was modified
- # 5420 - Add automatic mapping of Mod, Beh, Health and NamePlt on several DO mapping to diff. LN
- # 5419 - Add private information in the mapped file
- # 5453 - Revised the "Inval. Config. IEC" would raise after downloading FPN generated CID file.
- # 5413 - FPN Compare view improvements on virtual device view
- # 5384 - Download cid file process was improved
- # 5351 - IED Configurator Ed1 improvements
- # 5398 - User interfaces correction on SDO level
- # 5264 - IED configurator: Error Message improvement
- # 5257 - IED configurator: Error Message improvement
- # 5256 - IED Configurator: Login improvement
- # 5081 - Correction of error information encountered after extract P30 CID and close CID using IED configurator
- # 5385 - IED Configurator modification on SCL Schema (Ed1 vs. Ed2)
- # 5383 - Data model language of DR Viewer correction to set regional language during installation of MS1S
- # 5767 - Easergy Studio improved to download the cid generated from FPN.
- # 5421 - Operate step homogenization to change IED password without CS.
- # 5266 - Correction on password message process
- # 5262 - Added long password with more than 32 characters in login dialog
- # 5259 - Correction on message 'Higher level password is required' with 'Viewer' during sending parameter
- # 5494 - Correction on "Open in other language" option for Setting/Psl...
- # 5182 - Improvements to reconnect IED with MiCOM S1 after re-plug the cable (Secured IED)
- # 5512 - Improvements in the XRIO export function
- # 5515 - Correction on Disturbance records on hardened Windows 7-64 bit
- # 5484 - Verification of the MCL function
- # 5382 - Keep column width for each filetype as long as EStudio session is opened
- # 5439 - Import of P111 settings from xls template
- # 5434 - Data model in other language, even if English-German version of the same data model is present.
- # 5390 - Verification of connected IED versus IED in Studio system
- # 5387 - "Import SFD file" correction to convert Comtrade files to regional language to preference settings
- # 5628 - Links to online resources was corrected
- # 5296 - DNPoe file improvements
- # 5185 - Front port improvements
- # 3312 - The default formula in the "Formula Editor" was corrected
- # 5750 - CID-download file process was improved
- # 5745 - Add configuration of SNTP server be contained to VLAN's IP
- # 5479 - P30_FPN:706 final, LN:GosGGIO1 improvements.
- # 5473 - P30_CS:706 final, IED configurator improvements.
- # 5430 - CID validation configuration improvements
- # 5269 - RBAC information still displays in IED Configurator improvements
- # 5260 - IED Configurator: error message prompted correction

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- # 5329 - CID files correction to active bank by FPN IED configurator which is embedded in MS1S 5.2.0
- # 5330 - P540D_fPNtool: Either goose publishing or subscribing config was corrected.
- # 5331 - P540D_fPNtool: Client enable Goose was corrected
- # 5332 - P540D_fPNtool:Improvement message for incompatible value type mapping.
- # 5347 - BUG correction to import Ed-2 Goose file of P546 into Ed-1 P546 device and Vice a Versa
- # 5215 – Correction on CS1 "Enter Password" dialogue box
- # 5216 - The User Name/Password Login operation is required for each CID file download by IED Configurator
- # 5217 - No "Enter Password" dialogue box after the second login with low authority in IED Configurator
- # 5334 - IEDConfigurator_fPN3.8:Improvement on report private client IP
- # 5345 - IEDConfigurator_fPN3.8:Improvement on The fPN tool to map the control model.
- # 5346 - IEDConfigurator_fPN3.8:Improvement on fPN mapping, IEDConfigurator errors about gocb.
- # 5627 - Quality bit assigned in the IED Configurator
- # 5435 - MCL file for P439-653-233 correction template (PX439-652-233.ICD)
- # 5389 - P141, correction Goose after changing SCE language
- # 5433 - P139.634 Adding node PriMMXU1.MX to dataset
- # 5422 - S1 studio correction to connect to IED the 1st time when IED restart (power off/on).
- # 5213 - Correction Chinese characters to user alarm labels in MS1S and display messy code in HMI
- # 5438 - Micom P20 : Export setting file to csv file.
- # 5437 - Easergy Studio V6.0.0: XLS import function for P30 corrections to import several parameters
- # 5327 – Modification on the ID of the DR in the DR list got by serial port and Ethernet port
- # 5454 - Studio allows only at one physical ethernet interface secure comm connection (high prior)
- # 5486 - DNPOE - The control input FPN mapping was corrected of IED Configurator Edition 2
- # 5312 - Corection information when using Viewer role to active setting group
- # 5399 - Px30 EBR CS - Closing IED Configurator improvement

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5 Known issue

5.1 Language installation

Mandatory to install English version in addition to another language like Germany, Portuguese, Spanish, etc.

5.2 Operational System Windows XP

Next release of Easergy Studio will no more be tested and qualified on Window XP anymore.

Environments supported and qualified in next release are Window 7, Windows Server 2016 and Window 10.

6 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 v5.1.0 requirements.

6.1 Minimum Requirements:

Platform	Processor	RAM	HDD ¹	HDD ²
Windows 7 x86	1 GHz	1 GB	900 MB	1,9 GB
Windows 7 x64	1 GHz	2 GB	900 MB	2,1 GB
Windows Server 2008 x86 Sp1	1 GHz	512 MB	900 MB	1,7 GB
Windows 10 x86	1 GHz	1 GB	900 MB	2,1 GB
Windows 10 x64	1 GHz	1 GB	900 MB	2,1 GB

6.2 Recommended Requirements:

Platform	Processor	RAM	HDD ³	HDD ⁴
Windows 7 x86	1 GHz	2 GB	900 MB	1,9 GB
Windows 7 x64	1 GHz	2 GB	900 MB	2,1 GB
Windows Server 2008 x86 Sp1	1 GHz	4 GB	900 MB	1,7 GB
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:

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

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

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