



T300 Generator_Release_Notes

Version 2.9.6 Public Document

General Index.

Introduction.....	3
1. General Information.....	4
1.1 Folder Structure.....	4
1.2 Generation of executable file	4
1.3 Compatibility	4
1.4 Installing software	5
1.5 Using T300 Generator.....	5
1.6 Releases Summary	6
T300Generator_2.9.6.....	7
T300Generator_2.9.5.....	8
T300Generator_2.9.1.....	8
T300Generator_2.9.0.....	8
T300Generator_2.8.12.....	8
T300Generator_2.8.11.....	9
T300Generator_2.8.10.....	9
T300Generator_2.8.9.....	9
T300Generator_2.8.8.....	9
T300Generator_2.8.7.....	10
T300Generator_2.8.6.....	10
T300Generator_2.8.5.....	10
T300Generator_2.8.4.....	10
T300Generator_2.8.3.....	11
T300Generator_2.8.2.....	11
T300Generator_2.8.1.....	12
T300Generator_2.8.0.....	13

List of Figures.

Figure 1: Folder structure of T300 Generator module	4
---	---

List of Tables.

Table 1: Releases Summary.....	7
--------------------------------	---

Introduction

This document describes features or corrections that have been added to **T300 Generator** module.

Symbols on the left of each revision are used to define the different types of revisions made:

	This symbol identifies that there is new information such as compatibility, compilation dates, etc.
	This symbol indicates that there are new upgrades or new functionalities.
	This symbol indicates that there are bugs or errors that have been corrected.
	This symbol identifies known problems that have not been corrected on the last release.
	This symbol identifies a brief reference to a compilation tool.

According to this document's organization, the information on the last release is shown at the beginning of the document.

1. General Information

T300 Generator is a T300 Database generator.

1.1 Folder Structure

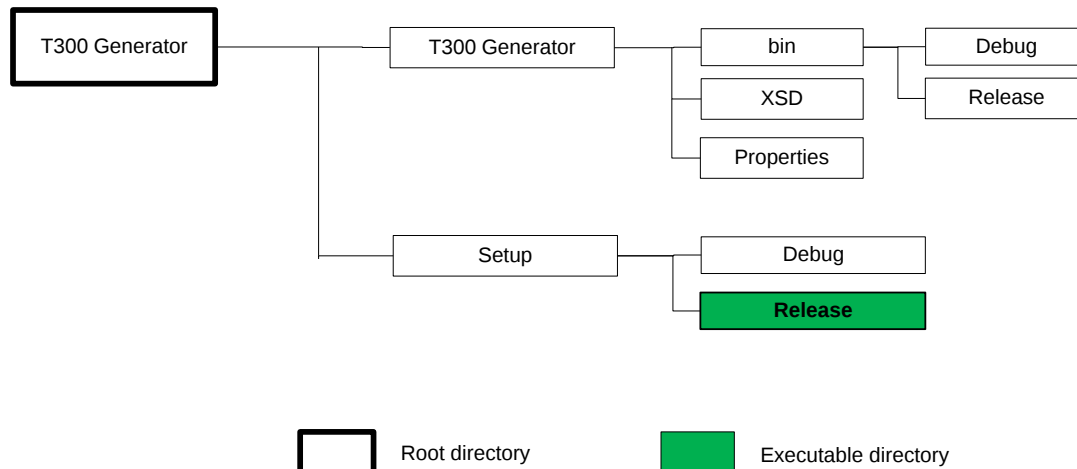


Figure 1: Folder structure of T300 Generator module

1.2 Generation of executable file

In order to generate the executable file, the following tools must be used:



Visual Studio Visual Studio .NET 2017 with C# y VB installed.
.NET 4.6.1



Microsoft
Excel (2016)

1.3 Compatibility

System requirements:

- PC x86 compatible with 256 RAM and at least 2 GB HD.

- Windows2000/XP/Windows 7/Windows 10
- Microsoft .NET framework 4.6.1.

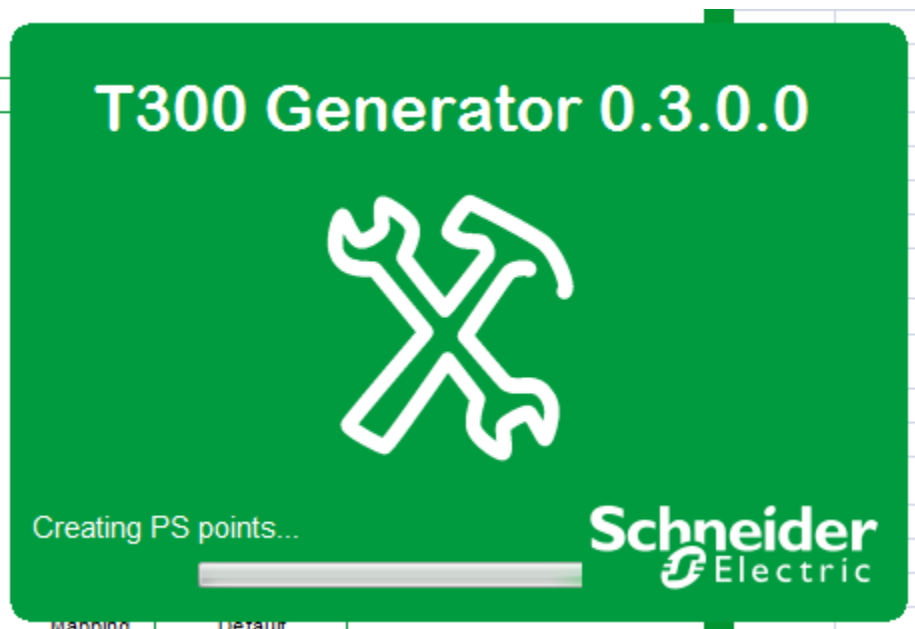
1.4 Installing software

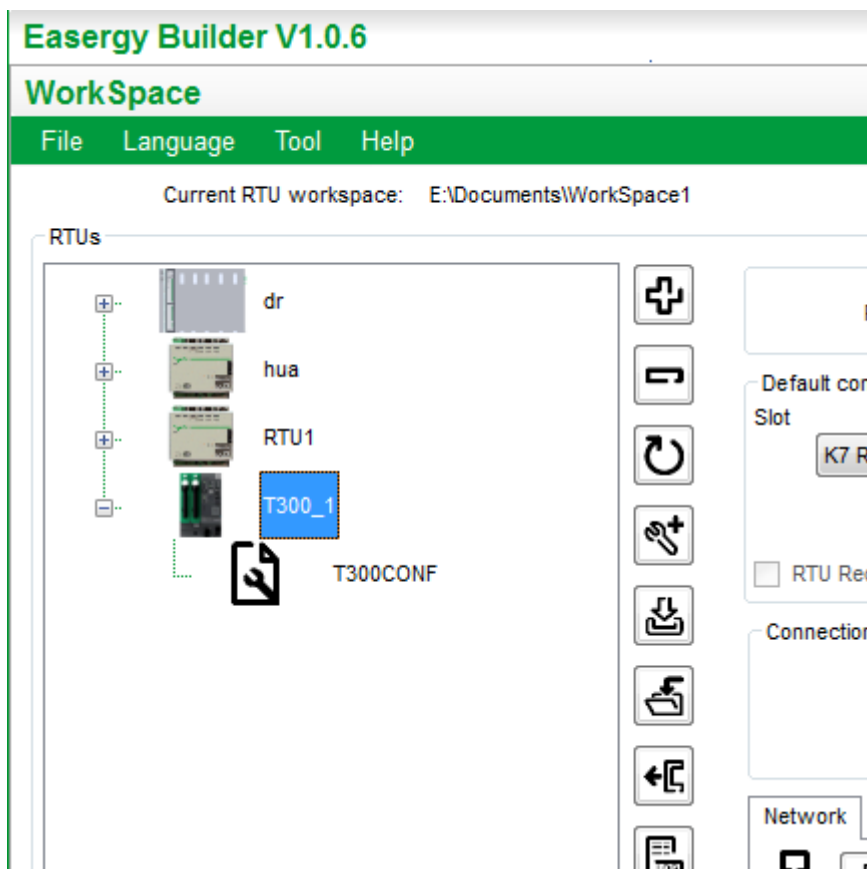
To install it is necessary the T300Generator.msi file.

1.5 Using T300 Generator

The final user only has to use the sheet T300Generator. The administrator can use the rest of sheets.

The user will configure the desired T300 configuration in the T300Generator sheet. To generate the T300 database the “Generate” button will be pushed. Then a splash screen will be shown. This splash screen will show the process information.





Now the generated configuration can be sent to the RTU and the configuration generated can be edited.

1.6 Releases Summary

A brief description of every release is given.

Version	Brief Release description
T300Generator_2.9.6	New profile 2.9.6. PowerTagRope. PS60.
T300Generator_2.9.5	New profile 2.9.5
T300Generator_2.9.1	T300 2.9.0 Model fixed sup signals
T300Generator_2.9.0	T300 2.9
T300Generator_2.8.12	T300 2.9
T300Generator_2.8.11	New profile 2.8.2NW

Version	Brief Release description
T300Generator_2.8.10	Bug fixing
T300Generator_2.8.9	SE Signed and T300 2.8.1 profile in Standard & Development databases.
T300Generator_2.8.8	Bug fixing
T300Generator_2.8.7	Management of IEC61850 Relays
T300Generator_2.8.6	Included T300 2.8.1 profile
T300Generator_2.8.5	Updated T300 2.8 profile
T300Generator_2.8.4	Support for string table, HST and bug fixing.
T300Generator_2.8.3	Bug fixing and new templates
T300Generator_2.8.2	Bug fixing
T300Generator_2.8.1	Bug fixing
T300Generator_2.8.0	Initial Release

Table 1: Releases Summary

T300Generator_2.9.6

	Renamed 'EasergyT300' to 'PowerLogicT300'
	Included T300 2.9.6 profile.
	Included PowerTag Rope Template
	Fix Cortec Definition
	Fix PS60 number version
	PS50 1.3v template added. Other templates such as SC150, SC160, PS50 and PS60 modified.

T300Generator_2.9.5

	License Agreement
	Included T300 2.9.5 profile.
	Added new couple of PowerSupplies: PS60-24V and PS60-48V

T300Generator_2.9.1

	Renamed EMIS_BaseTC templates to EMIS_CBT and some updates.
	Cleanup of EMIS_ITB templates.
	Changes in HU250 2.9.0 templates: - Remove HU250 variables for supervision points that are not supported yet. - o LPHD1_MemGdPct_mag - o LPHD1_MemHealth_stVal_Warn - Add status GenGAPC1 MaintEna StVal, source supervision PLC_ENABLE

T300Generator_2.9.0

	Renamed to 2.9.0 to be aligned with the FW release.
---	---

T300Generator_2.8.12

	[TANR-6553] T300 2.9 support and separation of HU250 models(HU250, HU250 CN and HU250 NW) from FW Releases.
---	---

T300Generator_2.8.11

	[TANR-6455]New Standard profile 2.8.2NW
---	---

T300Generator_2.8.10

	Error 404 importing scada mappings.
---	-------------------------------------

T300Generator_2.8.9

	SE Signed
	T300 2.8.1 profile in Standard & Development databases.
	[TANR-5858] Fix in this functionality: Allow to add multiple events log destinations to the same point.
	[TANR-5997] Grey cells shouldn't be editable

T300Generator_2.8.8

	[TANR-6323] T300Generator -TAR.GZ not working for IEC 61850 IEDs (issue with RCBs)
	[TANR-6319] T300Generator - Variables names generated with incorrect prefix
	[TANR-6318] T300 Generator fails to generate a configuration with Modbus coordinates mapped to IED IEC61850 points
	[TANR-6320] IED Variable Prefix should be between 1 and 3. Empty prefix are accepted (length 0)

	[TANR-6316] T300 Generator only allows to select one initial model stored in the folder "Templates[Database]\Data\IED61850\V1.0\" .
	[TANR-6321] Special characters in IED Name Prefix and IED Variable Prefix should not be allowed
	[TANR-6322] Don't allow invalid IPs.

T300Generator_2.8.7

	Management of IEC61850 Relays
	Incomplete generation with IEC61850 custom mapping. Fixed issue in IEC61850 Scada mapping for SC160

T300Generator_2.8.6

	Included T300 2.8.1 profile.
---	------------------------------

T300Generator_2.8.5

	EABU-96. Update T300 2.8 profile to make String table visible, else all the String table is removed when it is loaded in Easergy Builder.
---	---

T300Generator_2.8.4

	TANR-5817: Extend T300 Generator to handle string variables for device management
	TANR-5827: Extend T300 Generator to handle HST log
	TANR-5856: Scada mapping for string points are generated as source. They should be generated as destination

	TANR-5858: Allow to add multiple events log destinations to the same point.
	Modified Templates\Standard\Data\PS50\V1.2\Base\mdbm_STD.xml for changing the order of 2 first Modbus requests for PS50
	Updated templates to TemplatesFor2.8.4_draft6.zip from 22/06/2021
	Updated templates to TemplatesFor2.8.4_draft7.zip from 28/06/2021
	Updated templates to TemplatesFor2.8.4_draft8.zip from 01/07/2021

T300Generator_2.8.3

	Based in Release 2.7.11
	Updated templates to TemplatesJan18
	Fixed: The processing is wrong for the digits related to ATS and to CM options

T300Generator_2.8.2

	Based in Release 2.7.10
	Updated templates to Templates281_2020_10_26
	Fixed: IEC 61850 SCD is using hard-coded rptID names instead of template values

T300Generator_2.8.1

	Based in Release 2.7.10
	Fixed: Custom translation for SOE tags in custom databases not saved correctly
	Fixed: Modem 3G/4G unavailable on slot 1 after condition monitoring activation
	Downgrading version when there is one SC160 defined returns an error and keeps SC160 in the lower version
	Unable to install 2.8.0 when 2.7.9 is installed
	Improved custom modules prefix allowing: Allow the range of starting numbers "0" to "9" and letters "A" to "L"
	When using custom database and custom module numbering, the number of SCs is limited to 12.
	Add option for power supply "PSH150" using Modbus
	Updated Enedis Templates to 2020-10-03
	Updated Standard 2020-10-05
	Allow to use custom IEC61850 scd.
	Fixed issue in the order of xml when selecting 2 Scadas of the same type.
	T300 Generator Condition Monitoring - set digital inputs as optional with initial value depending on application packaging option
	When 2 Scadas of the same type are created, avoid duplicate IP ports if there are 2 SCADA with same protocol

T300Generator_2.8.0

	Based in Release 2.7.8
	Create configuration module identifiers using custom prefix and number format. Support of new file <DATABASE>\XML\T300\T300_Configuration.xml <pre><?xml version="1.0" standalone="yes"?> <MODULES> <MODULE_ID type="SC150" prefix="Voie" numbering="A"/> <MODULE_ID type="LV150" prefix="Voie" numbering="1"/> </MODULES></pre>
	EMIS T300 Generator - create PS01.tar.gz with PS_Settings.xml IF the HU version is 2.7 or above AND the configuration contains a PS50 AND the database contains the file XML/PS50/PS_Settings.xml THEN copy and compress XML/PS50/PS_Settings.xml into PSxx.tar.gz ELSE do not create PSxx.tar.gz.
	Generate configuration for ESD bin controller. Management of files: <pre><DATABASE>\XML\T300\esd_cfg.settings <DATABASE>\DATA\<MODULE>\<VERSION>\<OPTION>\esd_points.settings</pre>
	Manage settings file for SNMP master
	EMIS model update ("Templates280_EMIS_XML") and ESD correction only for HU250 v > 2.7