



Release Information

PROFINET GSD Generator

7250 - PROFINET GSD Generator
Application
Version 1.5.0.0
20191219

This release contains:

Type	File/Subcomponents	Label	File updated in this release
This document	-	-	Yes
Application installer	HMS PROFINET GSD Generator Tool Setup 1.5.0.0.exe	7250_1.5.0.0	Yes

Package history:

Release	Update
First release	-



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Reason for release:

Maintenance release with several minor updates.

Compatibility:

Supports the Anybus CompactCom 40 PROFINET IRT. Please note the following requirements:

- Web-server must be enabled
- Web ADI access must be enabled
- Firmware version at least 1.30.01

How to upgrade from previous versions:

Run the installer. It is not necessary to uninstall any previous versions.

Known limitations:

Title	Description	Issue(s)



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Updated in version 1.5.0.0:

Title	Category	Description	Issue(s)
Updated GSD templates, updated GSD version	Improved functionality	Updated GSDML version to 2.34. Added section GraphicsList. Corrected Fibre DAP (MAUTypeItems).	A7250-27, A7250-31, A7250-39,
Module entries not generated for CHAR/OCTET	Bug fix	Changed so that module entries are not generated for ADI's of data type CHAR and OCTET as they don't support process data.	A7250-33
2-digit version number	Bug fix	Corrected so that the version number fields can be composed of more than one digit.	A7250-35, A7250-38
Clarified error message	Improved functionality	Clarified an error message received when the module cannot be scanned (most likely cause is out-of-date firmware).	A7250-42
Updated generation of DNS_CompatibleName	Improved functionality	Changed so that the generated DNS_CompatibleName is actually a compatible DNS_CompatibleName.	A7250-47
Faulty GSD file created when an ADI is mapped for both input and output	Bug fix	Changed so that an ADI with both input and output data generates a correct module entry.	A7250-50
Remove pop-up when no image is used	Bug fix	Removed the pop-up warning given when no image has been selected (this is perfectly valid).	A7250-52.



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Updated in version 1.4.3.0:

Title	Category	Description	Issue(s)
Added keyword AddressAssignment	Bug fix	The GSD-file is created with AddressAssignmet="DCP" for DAP.	0018678
Removed the requirement for "User Account Control"	Improved functionality	The tool will not ask for permission to change network settings on the computer when the module is not on the same subnet as the computer.	0018465
ABP_BITS_x	Bug fix	Added support for ABP_BITS_x modules.	0018446
ABP_PAD8	Bug fix	ABP_PAD8 generates an Unsigned 16 module.	0018444
Reorganized user interface	Improved functionality	The user interface is reorganized, shortcuts, tooltips and captions updated. New aboutbox and error handling.	-
Module generation	New functionality	The tool checks the first element of the Description attribute for every ADI. A module is generated if bit 3 (Can be mapped as write process data) and/or 4 (Can be mapped as read process data) is set. If both bits are set; an input and an output module are generated for the ADI. If none of the two bits are set no module will be generated for the ADI. If the Description attribute has elements that are not equal a warning message is shown.	-
Support for structs	New functionality	The tool creates modules for application data instances with subelements.	0018450



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Updated in version 1.3.1.1:

Title	Category	Description	Issue(s)
Conformance Class is selectable	New functionality	It's now possible to choose if the GSD file shall be generated as Conformance Class B (RT) or Conformance Class C (IRT)	0017564
Physical medium is selectable	New functionality	It's now possible to choose if the GSD file shall be generated with a copper or fiber optic DAP	0017975
Window disappears	Bug fix	The main window no longer disappears behind other running programs when the Generate GSD button or Scan button is pressed.	0017567
I&M5	New functionality	It's now possible to choose if the GSD file shall be generated with I&M5 supported for the DAP. Default value is supported.	0017976
Module generation	Improved functionality	The tool checks the Description attribute for every ADI. A module is only generated if bit 3 (Can be mapped as write process data) or 4 (Can be mapped as read process data) is set- If both bits are set; an input module is generated for the ADI. If none of the two bits are set no module will be generated for the ADI.	0017569
FSU removed	Other change	PowerOnToCommReady and DCP_HelloSupported are no longer part of the generated GSD.	0017980
GSD version 2.33	New functionality	Generated GSD file is now compatible with GSD version 2.33.	0018022
Asset Management	New functionality	It's now possible to choose if the GSD file shall be generated with Asset Management support.	0018023

Bugs that are found in this software release should be reported back to HMS support department. Report product, software version, configuration, how to reproduce behaviour, and the effects of the bug.



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Updated in version 1.2.1.1:

Title	Category	Description	Issue(s)
Obsolete GSD keywords removed	Improved functionality	RT_CLASS_2 removed from GSD file since this is a obsolete. Removed IM4 as writeable.	
No need to have IPv6 enabled on network card	Improved functionality	IPv6 doesn't have to be enabled on network card to be able to find any Anybus CompactCom modules on the network.	

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