

ABB DriveManager for SIMATIC

1.0.3.0 - Release notes

23.12.2014

SUMMARY

The *ABB DriveManager for SIMATIC* enables users to configure and monitor ABB drives using Siemens PLCs. Here is collected necessary update information related to *ABB DriveManager for SIMATIC*.

Environment

- PLC used: CPU 315-2 PN/DP, CPU 317-2 PN/DP version 3.2
- Fieldbus adapters used: FENA-11, FBPA-01
- FENA11 Firmware V3.0.3
- FBPA-01 firmware V3.0

WARNINGS & NOTICES

Warning1: Even though, this package includes support for all Step 7 Basic versions from V5.4 and Step 7 Professional V13 (TIA Portal), package features were tested only with Step 7 Basic V5.5 and Step 7 Professional V11 SP1.

Notice1: Before installing newer version, user needs to uninstall older version of *ABB DriveManager for SIMATIC*.

VERSION INFO

<i>ABB DriveManager for SIMATIC</i> installation package	1.0.3.1
<i>ABB DriveManager for SIMATIC</i>	1.0.3.21631

Functional changes

ABB DriveManager for SIMATIC installation package

General

- Includes support for Step 7 Professional V13
- Restricts user from running setup, if an existing installation is found

ABB DriveManager for SIMATIC

General

- ACS 580 support is now available for profibus as well as profinet
- New firmware support
 - ACS850 – UIF12210, UIF12300, UIF12400, UIF12500
 - ACS880 – AINFX 1.91.00.00, AINFX 2.00.00.00
 - ACSM1 Speed & Motion – UMF11840
 - ACS580 – ASCC2 1.21.0.0, ASCC2 1.30.2.0, ASCX 1.31.2.0
 - ACS355 -- 5060

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Supported drives (Complete list)		
- List of drives supported on Profibus and Profinet		1.0.3.21631
Drive type	Firmware versions	
ACQ810	UIFQ1100, UIFQ2100, UIFQ2010, UIFQ2110, UIFQ2200	
ACS355	503A, 5040, 5090	
ACS550	313B, 313D, 314D, 314E	
ACS850	UIFI2020, UIFI2100, UIFI2110, UIFI2200, UIFI 2210, UIFI 2300, UIFI2400, UIFI 2500, UIFI2600, UIFI 2700, UIFI 2800	
ACS880	AINF0 1.1.0.0, AINF0 1.2.0.0, AINF0 1.10.0.0, AINF0 1.21.0.0, AINF0 1.30.0.0, AINF0 1.41.0.0, AINF0 1.52.0.0, AINF0 1.62.0.0, AINF2 1.52.0.0, AINF2 1.62.0.0, AINF4 1.52.0.0, AINF4 1.62.0.0, AINF6 1.62.0.0, AINFX 1.70.0.0, AINFX 1.71.0.0, AINFX 1.80.0.0, AINFX 1.91.0	
ACSM1 Motion and Speed	UMFI1480, UMFI1510, UMFI1600, UMFI1820, UMFI1832, UMFI 1840	
ACS580	ASCC2 1.21.0.0, ASCC2 1.30.2.0	
- List of drives supported only on Profibus		
Drive type	Firmware versions	
ACS550	313B, 313D, 314D, 314E	

Fixed issues		
ABB DriveManager for SIMATIC		1.0.3.21631
DAE-554	DRIVEMANAGER doesn't connect to BCON drive. Drive Type Unknown	
DAE-615	DRIVEMANAGER doesn't appear for ACM1 Motion drive	
DAE-616	Configure ACS880 with wrong FENA name throws an exception when connected	
DAE-618	Wrong Drive Type configured gave exception	
DAE-619	While loading application parameters exception was thrown	
DAE-620	13th group for ACS850 is not copied to and from drive. In Drive studio it shows copied values but in DRIVEMANAGER it doesn't accept certain values. Scaling problem	
DAE-621	While monitoring if user changes certain values as max limit and min limit and then he adds few more parameters, the user settings are restored to default	
DAE-622	When more than two parameters are monitored and exported to CSV, "Index was out of range. Must be non-negative and less than the size of the collection. Parameter name: index" error is shown	
DAE-627	"Install Application Parameter" doesn't show the Running drive status (Green arrow). It only shows grey arrow	
DAE-630	For ACS 880/ACSM1 speed Even if some values in Online Offline mode are same, are considered as differences.(17 PANEL Display)	

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DAE-631	Even if drive is connected, Install Application Parameter doesn't show the same	
DAE-636	DRIVEMANAGER Scroll bar is improper	
DAE-633	First data sample is improper decimal	
DAE-692	Import of values for ACQ 810 not working	
DAE-670	DRIVEMANAGER causing crash when connecting to different drive type	
DAE-671	DriveManager crashes when invisible column of Monitoring is enabled and disabled continuously	
DAE-909	Drive Manager creating Unhandled Exception error in online	
DAE-824	Message window retaining error message always	
DAE-799	Mouse click on column header in monitoring view throws exception in drive manager	

Known problems	
<p>ABB DriveManager for SIMATIC</p> <ul style="list-style-type: none">- Parameters 90.04 and 90.56 of ACS880 AINFX 1.91.00.00 & ACS880 AINFX 2.00.00.00 & are neither readable nor writeable in Drive Manager (Bug No : DAE-1219)- For ACS 880 / ACSM1 Speed even if some values in Online Offline mode are same, are considered as differences (Bug No : DAE-630)- When DVP1 messages are used in PLC program the drive manager using profibus won't connect to drive (Bug No : DAE-1223)	1.0.3.21631