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.

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

<table>
<thead>
<tr>
<th>ABB DriveManager for SIMATIC Installation package</th>
<th>1.1.1.0</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABB DriveManager for SIMATIC</td>
<td>1.1.1.40658</td>
</tr>
</tbody>
</table>

Environment requirements

<table>
<thead>
<tr>
<th>PLC types</th>
<th>Following models used in test: CPU 315-2 PN/DP, CPU 317-2 PN/DP, CPU 1516 -2PN/DP Compatible PLC are supported</th>
</tr>
</thead>
<tbody>
<tr>
<td>Network</td>
<td>One PROFIBUS/PROFINET master supported on time Redundancy networks excluded (IM 153-x Y-link)</td>
</tr>
<tr>
<td>Fielbus adapters</td>
<td>FENA11, FENA-21 Firmware V3.0.3, V3.0.5 or later FBPA-01 firmware V3.0 or later</td>
</tr>
<tr>
<td>Eng. Tool</td>
<td>SIMATIC manager 5.5 (5.4) TIA-portal v13</td>
</tr>
</tbody>
</table>
New features

ACS880 Motion drive support added (ACS880-M04)

ACS530 Drive Support added

Now possible to specify name while installing Application parameters and application parameters can be installed for multiple firmware’s simultaneously
- Now user can specify name which shows in firmware list while installing application parameters to multiple firmware’s.

DriveManager can populate new parameters dynamically based on selection of a parameter
- Changing ACS880 drive parameter 14.01 to FIO-01 it populates parameters under that group (parameters from 14.05 to 14.39 added dynamically after changing the 14.01 parameter)

New firmware support

- ACS580 - ASCC2 1.70.1.5, ASCC2 1.70.3.0, ASCK2 2.00.0.3
- ACS880 - AINFX 2.40.0.0, AINFX 2.43.0.0, AINFX 2.51.0.0
- ACS380 - AMCK6 1.71.0.0, AMCK6 1.73.8.0, AMCK6 2.00.0.4
- ACS880 Motion - AMMF6 2.51.0.0
- ACS530 - QCVK8 1.10.0.0
- ACS 850 - UIFI 2901, UIFI 2930, UIFI 2940
- ACSM1 - UMFI 1900, UMFI 1910

Bug corrections

TFS-92684 Maximum current parameter (30.17) is having too small maximum limit.
Correction:
It's possible to set value to parameter 30.17 even the displayed maximum is 3.64A. After entering the new bigger value the maximum limit changes to 300A.

Known problems

German translations of some strings are missing

Lacking or incorrect version of the windows intaller
- In Some windows XP machines this installation failed due to latest windows installer is not available. DriveManager at least need 3.1 version of windows installer
Resolution - Please use this Zip file and install the latest windows installer
WindowsXP-KB942288-v3-x86.zip

Supported drives (Complete list)

ABB Oy Drives 3AXD10000027716
## List of drives supported on Profibus and Profinet

<table>
<thead>
<tr>
<th>Drive type</th>
<th>Firmware versions</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACS880</td>
<td>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, AINF6 1.7.0.0, AINF6 1.71.0.0, AINFX 1.80.0.0, AINFX 1.91.0.0, AINFX 2.00, AINFX 2.01, AINFX 2.12, AINFX 2.21, AINFX 2.30, AINFX 2.40, AINFX 2.43, AINFX 2.51, AINF6 1.70.1.5, AINF6 1.70.3.0, AINFX 2.00.0.3</td>
</tr>
<tr>
<td>ACS580</td>
<td>ASCC2 1.21.0.0, ASCC2 1.30.2.0, ASCC2 1.31.2.0, ASCC2 1.40, ASCC2 1.50, ASCC2 1.60, ASCC2 1.70.1.5, ASCC2 1.70.3.0, ASCC2 2.00.0.3</td>
</tr>
<tr>
<td>ACS380</td>
<td>AMCK6 1.50, AMCK6 1.60, AMCK6 1.71.0.0, AMCK6 1.73.8.0, AMCK6 2.00.0.4</td>
</tr>
<tr>
<td>ACS880 Motion</td>
<td>AMMF6 2.51.0.0</td>
</tr>
<tr>
<td>ACS530</td>
<td>QCVK8 1.10.0.0</td>
</tr>
<tr>
<td>ACQ810</td>
<td>UIFQ1100, UIFQ2100, UIFQ2200, UIFQ2300</td>
</tr>
<tr>
<td>ACS850</td>
<td>UIFI2020, UIFI2100, UIFI2110, UIFI2200, UIFI 2210, UIFI 2300, UIFI2400, UIFI 2500, UIFI2600, UIFI 2700, UIFI 2800, UIFI 2900, UIFI 2901, UIFI 2930, UIFI 2940</td>
</tr>
<tr>
<td>ACSM1 Motion and Speed</td>
<td>UMFI1480, UMFI1510, UMFI1600, UMFI1820, UMFI1832, UMFI 1840, UMFI 1880, UMFI 1881, UMFI 1900, UMFI 1910</td>
</tr>
<tr>
<td>ACS355</td>
<td>503A, 5040, 5060, 5090, 5100</td>
</tr>
</tbody>
</table>

## List of drives supported only on Profibus

<table>
<thead>
<tr>
<th>Drive type</th>
<th>Firmware versions</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACS550</td>
<td>313B, 313D, 314D, 314E, 316A</td>
</tr>
</tbody>
</table>