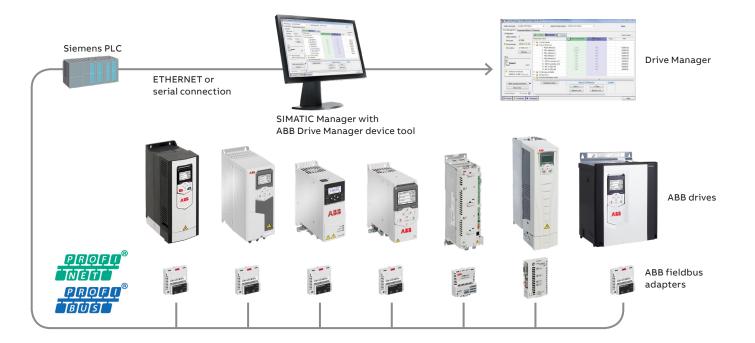# Efficient drive engineering with Drive Manager for SIMATIC

Drive Manager for SIMATIC (DM4S-01) offers machine builders and system integrators a device tool to configure and monitor ABB's low voltage drives in the SIMATIC STEP 7 engineering environment. Engineering drives and PLCs in one environment simplifies work, and saves commissioning time and cost.

Siemens PLC

ETHERNET or
serial connection

SIMATIC Manager with
ABB Drive Manager device tool

Drive Manager

ABB drives

ABB fieldbus
adapters

Drive Manager for SIMATIC is a plug-in device tool that can be easily installed into the STEP 7 and TIA Portal. It utilizes the TCI interface of the SIMATIC PLC to communicate with the drives connected to PROFIBUS or PROFINET network.

The setup enables engineering ABB's low voltage drives from the SIMATIC environment without the need for a separate ABB specific PC tool. Drive Manager is also available with ABB's AC500 PLC and included in the Automation Builder engineering environment.
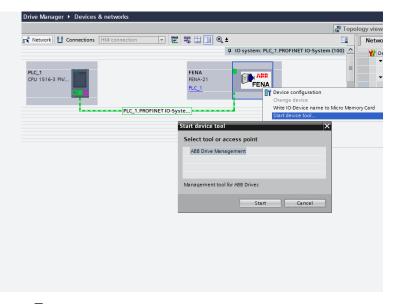
Function block library
ABB offers a function block library to enable easy integration of ABB low voltage drives in the SIMATIC S7 environment. The function block library is available from the ABB website (document number: 3AXD10000693980).
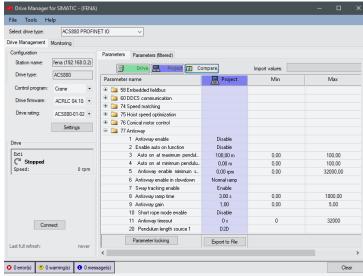
The ZIP package includes manuals, examples and GSD files that can be imported to the SIMATIC S7 environment.

Ready-made features to your advantage
Drive Manager for SIMATIC offers several useful features that simplify the setup of ABB low voltage drives used in combination with SIMATIC S7 PLCs including:

- Network connection over PROFIBUS and PROFINET (single point of access)
- Online and offline configuration of drives
- Monitoring of drive actual values
- Export to/import from the drivededicated PC tools
- Saving drive parameter settings within the SIMATIC PLC project

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SIMATIC STEP 7 HW configuration.

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Drive Manager for SIMATIC.

System requirements
This package includes support for all
Step 7 Basic versions from V5.4 and
Step 7 Professional V15 (TIA Portal),
Windows 7 and 10.

Supported fieldbus networks
• PROFIBUS DP
• PROFINET IO

Supported CPUs
• CPU 300 and 400 series with DPV1
• CPU 1200 and 1500 series with
   TCI and 1500 series

Supported drive products

• ACS355	• ACS380
• ACS550	• ACS480
• ACQ810	• ACS530
• ACS850	• ACS560
• ACSM1	• ACS580
	• ACS880
	• ACS880 Crane
	• ACS880 Motion
	• DCS880

Language support
English and German

Delivery includes
• USB stick with the software and
   quick startup guide
• Quick installation guide
• License key

Sales and marketing material and
user documentation
**https://new.abb.com/drives/software-tools/
drive-manager-for-simatic**

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For more information please contact
your local ABB representative or visit:

**abb.com/drives
abb.com/drivespartners**

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