

SIMATIC


Plant Automation Accelerator - What's New (V3.2 SP1)


Readme


Legal information

Warning notice system

This manual contains notices you have to observe in order to ensure your personal safety, as well as to prevent damage to property. The notices referring to your personal safety are highlighted in the manual by a safety alert symbol, notices referring only to property damage have no safety alert symbol. These notices shown below are graded according to the degree of danger.

 DANGER
indicates that death or severe personal injury will result if proper precautions are not taken.

 WARNING
indicates that death or severe personal injury may result if proper precautions are not taken.

 CAUTION
indicates that minor personal injury can result if proper precautions are not taken.

NOTICE
indicates that property damage can result if proper precautions are not taken.


If more than one degree of danger is present, the warning notice representing the highest degree of danger will be used. A notice warning of injury to persons with a safety alert symbol may also include a warning relating to property damage.

Qualified Personnel

The product/system described in this documentation may be operated only by **personnel qualified** for the specific task in accordance with the relevant documentation, in particular its warning notices and safety instructions. Qualified personnel are those who, based on their training and experience, are capable of identifying risks and avoiding potential hazards when working with these products/systems.

Proper use of Siemens products

Note the following:

 WARNING
Siemens products may only be used for the applications described in the catalog and in the relevant technical documentation. If products and components from other manufacturers are used, these must be recommended or approved by Siemens. Proper transport, storage, installation, assembly, commissioning, operation and maintenance are required to ensure that the products operate safely and without any problems. The permissible ambient conditions must be complied with. The information in the relevant documentation must be observed.

Trademarks

All names identified by ® are registered trademarks of Siemens AG. The remaining trademarks in this publication may be trademarks whose use by third parties for their own purposes could violate the rights of the owner.

Disclaimer of Liability

We have reviewed the contents of this publication to ensure consistency with the hardware and software described. Since variance cannot be precluded entirely, we cannot guarantee full consistency. However, the information in this publication is reviewed regularly and any necessary corrections are included in subsequent editions.

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Cybersecurity information

Siemens provides products and solutions with industrial cybersecurity functions that support the secure operation of plants, systems, machines and networks.

In order to protect plants, systems, machines and networks against cyber threats, it is necessary to implement – and continuously maintain – a holistic, state-of-the-art industrial cybersecurity concept. Siemens' products and solutions constitute one element of such a concept.

Customers are responsible for preventing unauthorized access to their plants, systems, machines and networks. Such systems, machines and components should only be connected to an enterprise network or the internet if and to the extent such a connection is necessary and only when appropriate security measures (e.g. firewalls and/or network segmentation) are in place.

For additional information on industrial cybersecurity measures that may be implemented, please visit

<https://www.siemens.com/global/en/products/automation/topic-areas/industrial-cybersecurity.html>.

Siemens' products and solutions undergo continuous development to make them more secure. Siemens strongly recommends that product updates are applied as soon as they are available and that the latest product versions are used. Use of product versions that are no longer supported, and failure to apply the latest updates may increase customer's exposure to cyber threats.

To stay informed about product updates, subscribe to the Siemens Industrial Cybersecurity RSS Feed under

<https://new.siemens.com/global/en/products/services/cert.html>.

What's New in SIMATIC Plant Automation Accelerator V3.2 SP1?

This document provides you a simple overview of the key enhancements within SIMATIC Plant Automation Accelerator V3.2 SP1.

Changes in PAA Setup

- COMOS is not part of the PAA setup anymore. User needs to download and install it from the Support Center.
- Database can not be installed anymore. You need to copy it from the setup folder.

Database in PAA V3.2.1

- Database is still the same as PAA V3.2 (based on COMOS V10.4.2).
- In addition, there is a working layer with the changes. You need to copy and import it from the setup folder.

New ET 200SP HA hardware

Support for additional I/O modules:

- ET 200SP HA - AI16 x I 2-wire HA (6DL1 134-6GH00-0PH1)
- ET 200SP HA - AI8 x U/I/TC/4xRTD HA (6DL1 134-6AF00-0PH1)

Integrated new D-SUB terminal blocks in the database:

- TYPE M0, D-SUB, IO-RED (6DL1 193-6TC00-0DM0)
- TYPE F0, D-SUB, F-AI, IO-RED (6DL1 193-6TC00-0DF0)
- TYPE S0, D-SUB, ISOL (6DL1 193-6TC00-0DS0)
- TYPE R0, D-SUB, ISOL, IO-RED (6DL1 193-6TC00-0DR0)

ET 200PA SMART+ hardware

Integrated SMART+ hardware:

- DI 16x24VDC PA (6DL1 161-6BH00-0PH1)
- DI 32x24VDC PA (6DL1 161-6BL00-0PH1)
- DQ 16x24VDC/0.5A PA (6DL1 162-6BH00-0PH1)
- DQ 32x24VDC/0.5A PA (6DL1 162-6BL00-0PH1)
- AI16 x TC/8xRTD 2/3/4-wire PA (6DL1 164-6JH00-0PH1)
- AI16 x I 2-wire HART PA (6DL1 164-6TH00-0PH1)
- AQ8 x I HART PA (6DL1 165-6TF00-0PH1)

- Carrier module 8x (without power bus) (6DL1 163-6GC00-8NN0)
- Carrier module 2x (incl. power bus) (6DL1 163-6GA00-0NN0)
- D-SUB terminal block type H0 (6DL1 163-6TC00-0DH0)

New PN IM for ET 200iSP

Integrated new PN IM for the ET 200iSP and support for the exchange with PCS 7.

IPC Configurator

New IPC configurators for 547J.

Support of Burkert valve island

Integrated Burkert valve island in ET 200SP HA. Supports in Assembly plan and exchange with PCS 7.

For more information, see the section "Configuring Burkert valve island" in the *SIMATIC Plant Automation Accelerator V3.2 SP1 Operating manual*.

Enhanced Alarm Logging for exchange

The exception messages which were shown in the pop-up window earlier, will now be logged as an error message in AI window along with information of the object which causes error during exchange.

New Product name for PAA

Product name is changed from "SIMATIC PCS 7 Plant Automation Accelerator" to "SIMATIC Plant Automation Accelerator".