Release Notes

PS563 Water Library Package V1.2.0
Create AC500 pumping solutions

These Release Notes contain important information about the PS563 Water Library AC500 delivered together with Automation Builder 1.2.

Please read this file carefully and completely. It contains the latest information and relevant documentation.

System Requirements:
- Pentium PC, 1GHz, 3 GB RAM
- Hard disk memory: 14 GB
- SVGA graphics adaptor 256 colors, resolution of 1024x768 pixels
- USB 2.0 port
- Windows 7 (32/64 Bit) Professional / Enterprise / Ultimate

Windows 8.1 (32/64 Bit)
Limited support for Windows XP (Service Pack 3 or later): some features can't be installed and used refer to release notes of each option for details

Attention:
- Automation Builder 1.2.0 **does not contain** the Safety PLC – AC500-S feature for the latest version. AC500 Firmware V2.5 does not support functional safety components. For safety applications we recommend to install and use Automation Builder version profile 1.1 (which contains AC500 Firmware V2.4). For details please refer to section Safety PLC – AC500-S.
- The installation of the ABB Automation Builder software requires **administrator rights**.
- Prior to installation, the Automation Builder/Control Builder Plus, CODESYS software and the CODESYS Gateway Server **must be shut down**.
- Automation Builder 1.2.0 installation completely replaces installed versions of Automation Builder/Control Builder Plus. Side-by-side installations of Automation Builder and Control Builder Plus **are not supported.**

Please uninstall previous Automation Builder versions before installing Automation Builder 1.2.0.

- Automation Builder 1.2 creates a new device repository. Devices which had been installed additionally in previous versions of Automation Builder/Control Builder Plus have to be installed in Automation Builder 1.2 via menu "Tools" / "Device Repository".
- Only the English documentation contains the latest changes for Automation Builder 1.2.0. All other languages (DE, FR, ES, CN) are available for Automation Builder 1.1. Latest documentation packages can be found on the ABB website: www.abb.com/plc
- Download documentation, then select your language.

For a complete release information of Automation Builder 1.2, please refer to the Automation Builder Release Notes in the ABB library under http://www.abb.com/automationbuilder.

Version history PS563

PS563 Water Library Package Version	LogData_AC500_V23.lib	PUMP_AC500_V23.lib	HMI Example	PSCT Pump Station Configuration Tool (Technology Preview)
V1.0.0	V1.0.0 (2013-10-24)	V1.0.0 (2013-10-22)	HMI_ACQ_V18_Example.zip	n/a
V1.1.0	V1.1.0 (2015-04-17)	V1.0.1 (2014-10-15)	HMI_ACQ_V191_Example.zip	n/a
V1.2.0	V1.1.0 (2015-04-17)	V1.1.0 (2015-09-15)	HMI_ACQ_V191_Example.zip	V1.0.0

Known limitations or bugs in V1.2.0

PS563 package installation

- Installed package 1.2.0 shows as version 1.1.0

LogData_AC500_V23.lib

- Not running on AC500-eCo CPUs (PM55x, PM56x)
- AC500 firmware must be V2.3.3. or higher
- Use SD card from ABB
- Maximum number of files (input of FB LOG_HANDLING) is limited to 500, if SD card is formatted with FAT16

PUMP_AC500_V23.lib

- (no known limitations)

HMI project for pumping functions in ACQ810

- Old version HMI_ACQ_V18_Example.zip: If the number of drives connected is less than three, then parameter values updating in CP600 panel might be slow. -> Fixed with HMI_ACQ_V191_Example.zip

Installation and Update

The PS563 Water Library Package is part of the Automation Builder. To install, select it from 'Solutions' in the Automation Builder installer.

Activation

The software needs an engineering license for each PC it is installed on (alternatively, use the ABB USB-Key for creating a portable license). After ordering the license, you will receive the activation key on a license certificate.

What is new in Version V1.1.0

- PUMP_AC500_V23.lib compatible with new CPU type PM595
- LogData_AC500_V23.lib: Bugs fixed (details in LOG_VERSION_INFORMATION)
- HMI example compatible with Panel Builder V1.91.0

What is new in Version V1.2.0

- PUMP_AC500_V23.lib with new simulation blocks
- Pump Station Configuration Tool as Technology Preview

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