
Oil and Gas

SCADAantage™

Product Update version 5.6.2



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Release: Feb 2018
Document number: 3CCA2018-003289

SCADAventure 5.6.2

SCADAventure 5.6.2 is now released for sale. SCADAventure is the Oil and Gas Business Unit Upstream and Midstream SCADA software package to enable safe control and optimized operations for Onshore and Offshore Upstream assets, Gathering networks, Transmission Pipelines, Product Distribution Pipelines and Local Gas Distribution networks.

Products Concerned

SCADAventure™ HMI 5.6.2
SCADAventure™ Host 5.6.2
SCADAventure™ Enterprise 5.6.2
SCADAventure™ Cloud (Software as a Service)

Release Description

SCADAventure™ 5.6.2 contains the following new features, updates and supported technology.

With this version, we are proud to announce multiple new features to all the SCADAventure related products which will allow your clients to upgrade and/or enhance their system to maximize its performance.

New Functionality

The following is the new functionality added in this release:

1. Trend Gap Analyzer

The Missing Trend Statistics Analyzer Add-Ins allows current hour and day trend history to be searched for gaps. During a system migration, it can help to confirm all trends have been imported.

2. Ethernet/IP Protocol

The EtherNet/IP Protocol allows SCADA**Advantage** to read real-time values from and write user-entered values to PLCs and RTUs capable of EtherNet/IP communications. The EtherNet/IP Protocol is implemented similarly to existing protocols within SCADA**Advantage**.

3. Web Bulk Template Loader

The Web Bulk Template Loader Add-Ins provides the same Load and Unload BOT template functionalities than the Bulk Template Loader Add-Ins. This new feature consists by using the SCADA**Advantage** Web Service, allowing the BOT templates to be loaded/unloaded on a remote or SCADA**Advantage** cloud servers.

4. InfoPad Log Book

InfoPad functionality has been extended to provide a more flexible way to log book entries within a richer interface. Two ways to use the InfoPad within HMIs are available now.

5. Frozen Value Indication

The Frozen Value indication provides a way to identify points having their values not changed for a determined time when communication is working.

6. Keywords (Points and EFM Meters)

Keywords provide a way to label SCADA**Advantage** Points and EFM Meters with relevant keywords that could be used for analytics or display organization.

7. EFM Gas Analysis Last Sample and rescheduling

Last Sample and rescheduling feature provides a way to determine when the next Gas Analysis are due or overdue for EFM Meters.

8. EFM Meter Parameter Last Calibration and rescheduling

Last Calibration and rescheduling feature provides a way to determine when the next Calibration are due or overdue for EFM Meters.

Supported Technology

The following technologies are supported in this version of SCADA**Advantage**:

- Microsoft Windows 10 LTSC (Version 1607) for operations clients
- Microsoft Windows 10 Semi Annual (Version 1607, 1703 and 1709) for engineering clients
- Microsoft Windows Server 2016 and 2012 R2
- Microsoft Visual Studio 2017 with Update 4
- Microsoft Visual Studio 2015 with Update 3
- Microsoft SQL Server 2016 and 2014 SP2 Standard Edition - 64-bit only
- Microsoft Office 2016 - 32-bit and 64-bit
- Microsoft Internet Explorer 11
- Microsoft .NET Framework 4.6.2
- ABB Licensing 6.0.0

Version Notes

1. Visual Basic HMIs are not supported in version 5.6. Visual Basic was replaced with Visual Studio .Net. HMI migration must be done before upgrading to version 5.6.
2. Multiple HMI's sharing login credentials is not supported in version 5.6 due to Cybersecurity hardening.
3. Multiple HMI's using variables to share information is not support in version 5.6 due to Cybersecurity hardening.
4. The I/O List Export feature has been removed from this version. The I/O List Export add-in is a customer specific solution. It requires a specific set of BOT variables, components and templates which are not shipped with the product. The source code is provided under %svhome%\Media \SampleCode\SVIOList for those customers who wish to continue using this functionality and/or improve/customize the original implementation.
5. Support for storing reports to a SQL-Server database and corresponding CBReportStorageList HMI component will be removed in version 6.0.
6. Support for the SCADA**vision** DSN will be removed in a future release.
7. Support for BOT Expressions use Perl syntax for defining an expression will be replaced by a new Regular Expression syntax in a future release.
8. Support for Production Data Historian (PDH) Gas Measurement and Dynocard storage in SQL-Server will be discontinued in future releases. It's recommended to begin and complete migration from SQL-Server to the integrated metering system in the real-time database using this version.

9. Support for Production Data Historian Web Access will be discontinued in future releases. After migrating from PDH to the integrated metering system in the real-time database, the corresponding Metering Web Access can be used.
10. Launching the SCADA**Advantage** Explorer add-ins via HMI command button actions will no longer be supported from this version.

Reference Documents

SCADA**Advantage** 5.6.21 Release Notes – 3CCA2018-003290

How to Order

Contact Product Management and TechSalesSupport at SCADAAdvantage.info@abb.com or your local ABB representative for ordering and technical sales support

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3CCA2018-003289