Industrial^{IT}
Asset Vision Professional 5.0 SP2

Release Notes

Asset Vision Pro

| Asset Vision Pro | Calibration |
| Work Order |
| Maintenance |
Configuration ▶	Magnetic Flowmeter
Diagnostics	Pressure Transmitter
HART	Valve Positioner
PROFIBUS	pH Analyzer
FOUNDATION Fieldbus	Temperature Transmitter
	Mass Flowmeter
	Damper Drive
	Oxygen Analyzer

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Release Notes

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This product meets the requirements specified in EMC Directive 2004/108/EEC and in Low Voltage Directive 2006/95/EEC.

TRADEMARKS

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Section 1 Release Notes

Introduction

This document represents the release notes for Asset Vision Professional 5.0 SP2.

This document provides a brief overview on functionality. It lists the problems that existed in the previous versions that were fixed and corrected in this release. It also enumerates known problems encountered in the final testing of this product release and identifies workarounds that help overcome the problem. The document contains additional notes that may be valuable to customers and service personnel working with the product. It replaces the existing release notes for the prior release and is included on the product CD.

Fixed and Known Problems are divided into functional categories:

- Installation

- Administration

- Configuration

- Operational

- Instruction Manual Changes

- Miscellaneous

Product Description

Asset Vision Professional is an application for managing, configuring and optimizing assets and their performance.

The key functional areas within Asset Vision Professional are:

- Device Management and Fieldbus

- Asset Optimization

Users have access to information from these areas via the Asset Vision Professional Workplace. The traditional engineering functions for device parameterization and configuration are available. In addition, Asset Vision Professional allows the user to have direct access to device documentation, standard operating procedures, drawings etc., depending on how the application has been configured.

The enabling technique for the above is the Aspect Object™ technology.

Asset Vision Professional is designed to run on Microsoft Windows XP SP2. More information about Asset Vision Professional can be found in *Asset Vision Professional - Installation Guide (3KXD151801R4401)*, *Asset Vision Professional - Basic Configuration and Operation Manual (3KXD151801R4201)* and *Asset Vision Professional - Advanced Configuration Manual (3KXD151801R4501)*.

Functionality Changes

New in This Release

This section provides an overview of changed product functionality since last release of this product.

- OPC Server PRFIBUS/HART supports simultaneous OPC and DTM communication to PROFIBUS devices and also supports specific Asset Monitors for DPV1 access.

- This release provides important maintenance information through reports such as AO Asset Condition History Report, AO Running Time Report and AO Calibration Report.

Changes in This Release

There are no functional changes to report for this release.

Product Support

Contact ABB technical support for assistance in problem reporting.

Third Party Software

Third party software included with Asset Vision Professional have been evaluated for use with Asset Vision Professional and found to be fully compatible and functional with Asset Vision Professional at the time of release. Some of the software is included with the Asset Vision Professional installation DVDs.

Refer to ABB Solutionsbank and ABB Library for an up-to-date, comprehensive listing of all software that has been evaluated including Service Packs, rollups and hot fixes released following the Asset Vision Professional release.

For Microsoft Security Updates, Validation Status for IIT System Asset Vision Professional 5.0 SP2, refer to Product Bulletin 3BSE039977 located in Solutions bank.

The complete list of software can be found at http://solutionsbank.abb.com.

When reviewing the list of software and determining what to install, the affect of the software should be evaluated for each installation. For more information on the installation procedure, refer to *Asset Vision Professional - Installation Guide (3KXD151801R4401)*.

Related Documentation

Table 1. Related Documentation

Title	Description
Asset Vision Professional 5.0 SP2 Installation Manual	This manual descries how to install Asset Vision Professional software.
Asset Vision Professional 5.0 SP2 Basic Configuration and Operation Manual	This manual provides details about basic configuration of Asset Vision Professional and basic operations that can be performed with Asset Vision Professional.
Asset Vision Professional 5.0 SP2 Advanced Configuration Manual	This document provides greater detail on all areas of usage of Asset Vision Professional. It is intended for advanced usage of Asset Vision Professional covering details such as SMP and CMMS setup.

Section 2 Fixed Problems

Installation

Table 1 lists the critical or major installation issues that have been corrected since the previous version or service pack.A brief description of the correction has also been given.

Table 1. Corrected Installation Issues

Issue	Correction or Fix
-/-	-/-

Administration

Table 2 lists the major system or product administration issues that have been corrected since the previous version or service pack. A brief description of the correction has also been given.

Table 2. Corrected Administration Issues

Issue	Correction or Fix
-/-	-/-

Configuration

Table 3 lists the major system or product configuration issues that have been corrected since the previous version or service pack. A brief description of the correction has also been given.

Table 3. Corrected Configuration Issues

Issue	Correction or Fix
A multiplexer instance in Asset Vision Professional Control Network allows the same instance to be inserted under itself. Such an instance, inserted under itself, CANNOT be removed from Asset Vision Professional. DAT800-CN-5000-001	This problem has been corrected.

Operational

Table 4 lists the major system or product operational issues that have been corrected since the previous version or service pack. A brief description of the correction has also been given.

Table 4. Corrected Operational Issues

Issue	Correction or Fix
Logover fails after opening and then closing the FF Upload shortcut link. DAT800-OL-5000-001	This problem has been corrected.
HART device DTM address configuration is lost after logover for HART devices connected to ifak USB HART Modem. PROFIBUS device DTM address configuration is lost after logover for PROFIBUS devices connected to ifak USB PROFIBUS Interface. DAT800-OL-5000-003	This problem has been corrected.
Unable to open some aspects like Device Management and Fieldbus Management or view any graphic aspects. DAT800-OL-5000-005	This problem has been corrected.
Sometimes FDT Interface crash error is observed. DAT800-OL-5000-006	This problem has been corrected.

Table 4. Corrected Operational Issues (Continued)

Issue	Correction or Fix
Sometimes, errors similar to "The instruction at '777c8fea' referenced memory at '00000110'. The memory could not be written." is observed. DAT800-OL-5000-007	This problem has been corrected.

Sometimes the following error message is observed during instantiation of device:
 	
"`[Error] Access is denied.`
`Aspect: [Aspect System`
`Structure] Aspect System`
`Structure/SAP`
`Connectivity/SAP Equipment ID/`
`SAP Equipment ID:General`
`Properties Transaction`
`Cancelled."`
 	
 DAT800-OL-5000-009
	This problem has been corrected.

Instruction Manual Changes

Table 5 list the problems or issues in the instruction manuals that have been corrected since the previous version or service pack. A brief description of the correction has also been given.

Table 5. Instruction Manual Corrections

Instruction	Change or Correction
-/-	-/-

Miscellaneous

Table 6 lists the major issues that do not fit into one of the other categories that have been corrected since the previous version or service pack. A brief description of the correction has also been given.

Table 6. Corrected Miscellaneous Issues

Problem or Issue	Correction or Fix
-/-	-/-

Section 3 Known Problems

Installation

Table 1 lists issues that may exist and affect the installation and upgrade of the system or product at time of release. Workarounds, clarifications, or helpful hints have been provided for each issue wherever possible.

Table 1. Installation Issues

Issue	Workarounds, Clarifications, and Helpful Hints
The System Installer may assign IP Address to any one of the available Network Adapter, instead of assigning to the Ethernet LAN Network Adapter. This may lead to failure during product installation. DAT801-IN-5020-001	Disable all other Network Adapters during installation.

Administration

Table 2 lists the issues that may exist and affect administration at time of release including user, node, and service structure related problems. Workarounds, clarifications, or helpful hints have been provided for each issue wherever possible..

Table 2. Administration Issues

Issue	Workarounds, Clarifications, and Helpful Hints
-/-	-/-

Configuration

Table 3 lists the issues that may exist and affect configuration of the system or product at time of release. Workarounds, clarifications, or helpful hints have been provided for each issue wherever possible.

Table 3. Configuration Issues

Issue	Workarounds, Clarifications, and Helpful Hints
Changing Online PROFIBUS device address using ifak is Pro FDT DTM is not possible, when the OPC Server is selected as the Channel Type in ifak is Pro FDT DTM. DAT801-CN-5020-001	Online PROFIBUS device address can be changed in the following ways: 1. Select the Channel Type as Fieldbus Adapter, before inserting devices under ifak is Pro FDT DTM. 2. After scanning online devices, change the address of required devices. 3. After the device address is changed, select OPC Server as the Channel Type in ifak is Pro FDT DTM. OR Use isPlorer that is available on the Start menu to change the device address.
Multiplexer assignment to default COM port, COM4 is not possible in Fieldbus Management Aspect of Multiplexer Subnet. DAT801-CN-5020-002	Remove COM4 channel using Device Management Aspect Channel Configuration and add the required COM port to assign a Multiplexer to it.

Table 3. Configuration Issues (Continued)

Issue	Workarounds, Clarifications, and Helpful Hints
Device Library Wizard displays product name as Asset Master instead of Asset Vision Professional. DAT801-CN-5020-003	Select Asset Master as a System Type in Device Library Wizard and continue.
Sometimes, while assigning a Multiplexer to the COM port, "Error in interprocess communication for FDT-services" is displayed in Fieldbus Management Aspect. DAT801-CN-5020-004	Close and reopen the Asset Vision Professional Workplace, when the error is displayed.

Operational

Table 4 lists the issues that may exist and affect the system operation or product at time of release. Workarounds, clarifications, or helpful hints have been provided for each issue wherever possible.

Table 4. Operational Issues

Issue	Workarounds, Clarifications, and Helpful Hints
If Download operation is performed repeatedly, one after the other, then the device DTM gets disconnected. DAT800-OL-5000-001	When the Download operation fails, upload from the device. Change the required DTM parameter(s) and download again.
Sometimes, Aspect View of Object/Device in Control Structure becomes blank when Object/Device is selected. DAT800-OL-5000-002	Close and reopen the Asset Vision Professional Workplace.

Table 4. Operational Issues (Continued)

Issue	Workarounds, Clarifications, and Helpful Hints
When PROFIBUS adapter is disconnected, the status is not updated by ifak adapter DTM. DAT800-OL-5000-003	No workaround available. Ensure that PROFIBUS adapter is always connected during online communication.
When Update List operation is performed in Communication Enabled mode in Device Management Aspect of PROFIBUS adapter, a new device connected on a PROFIBUS segment is not displayed in Device List. DAT801-OL-5020-004	Disable Online communication using Fieldbus Management Aspect and disable OPC DA Service using Service Structure. Note that shutdown of is Pro Multiserver takes time (3-4 minutes). Enable Online communication again and perform update list

Instruction Manual Changes

Table 5 list the problems or issues in the instruction manuals that exist at product release. The corrections to the instruction have been indicated.

Table 5. Instruction Manual Changes

Instruction	Error (Page)	Change or Correction
-/-	-/-	-/-

Miscellaneous

Table 6 list the problems or issues known to exist with the current release that do not fit into one of the other categories. A workaround, when possible, has been identified for each problem or issue.

Table 6. Miscellaneous Issues

Problem or Issue	Workarounds, Clarifications, and Helpful Hints
-/-	-/-

Asset Vision Professional is based on 800xA Products. It is recommended to refer the following release notes:

- *3BDD011940R5021 - Industrial^{IT} 800xA Device Management PROFIBUS & HART Release Notes*
- *3BDD012905R5021 - Industrial^{IT} 800xA Device Management FOUNDATION Fieldbus Release Notes*
- *3BUA000119R5021 - Industrial^{IT} 800xA Asset Optimization Release Notes*
- *2PAA102574R5021 - Industrial^{IT} 800xA Device Library Wizard FOUNDATION Fieldbus, HART, PROFIBUS*

The documents can be found on DVD1 in the *Released Documentation/800xA* folder. Alternately, the latest version of the documents can be downloaded from ABB Solutions Bank.

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