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1 DAT200 Version record – What is new?

Released Version	Released Date	Remarks
01.00.13	Nov. 2008	First release
01.00.17	Oct. 2009	- New features - Bug fixing - Windows 7 support
01.00.17	Aug. 2010	Updated CommDTM's is HRT FDT Ver. 2.00.1119 is PRO FDT Ver. 3.1.0.2040
01.00.18	Jul. 2011	Bug fixing Updated CommDTM's is HRT FDT Ver. 2.00.1120
01.01.00	Jul. 2012	Bug fixing Updated CommDTM's - is HRT FDT Ver. 2.00.1123 - is PRO FDT Ver. 3.1.0.2046
01.02.00	Feb. 2013	Bug fixing Updated CommDTM's - is HRT FDT Ver. 2.00.1135 - is PRO FDT Ver. 3.1.0.2056
01.02.02	Jan. 2015	Bug fixing Updated CommDTM's - is HRT FDT Ver. 2.00.1145 - is PRO FDT Ver. 3.1.0.2056
01.03.00	Jan 2016	- Windows 10 support

2 Requirements, compatibility, contents

2.1 PC-Hardware, Operating system

Minimum requirement:

- Processor Intel compatible (2GHz)
- 512 MB RAM
- 400 MB free hard disk space
- Windows 7, 8.1, 10 (32-/64-bit)
- .NET Frame 2.0
- Microsoft Internet Explorer 6.0.
- Adobe Reader latest version
- full administrator rights

DAT200 Asset Vision Basic is released for MS-Windows 7, 8.1, 10 as PC / Notebook installation (No Server / Network version).

Information about supported operating systems of the individual DTMs you find the instructions in the single DTM information.

ABB recommends that a virus scanner is used on all PCs/Notebooks, where Asset Vision and/or DTMs are installed. McAfee VirusScan® Enterprise has been tested and qualified for this purpose.

2.2 DTMs / compatibility

DAT200 Asset Vision Basic is a frame application which meets the FDT 1.2/1.2.1 requirements.

2.3 Content of DAT200

Device Management Tool:

- DAT200 Asset Vision Basic
- Language available for: English and German
- Supports further languages of the DTM: Italian, French and Spanish
- Documentationen has PDF format
- CommDTMs: for USB Modem, -HART und -Profibus

Protocol	Modem	CommDTM
„is HRT FDT“	NHA121-NX	is HRT USBeX
	NHA121-NO	is HRT USB
„is Pro FDT“	NDA121-NO	is Pro USBx12

If you are requested to sign up - please specify the CD-Key & Company Name („**ABB**“). You find the key file on:

<drive>\ABB DAT200 Asset Vision Basic\
 DTM\CommDTMs\ifak system\...

- for „is HRT FDT“: ...is HRT FDT\CDKeyHRT.txt
- for „is Pro FDT“: ...is Pro FDT\CDKeyPB.txt

3 Supported devices & tools

DAT200 Asset Vision Basic is a FDT frame application for devices which provide certified DTMs.

3.1 PC adapters / modems

List of recommended adapter / modems from ABB NDA121-NO (PROFIBUS DP), NHA121-NX / -NO (HART) – releases for Windows Operating Systems 7 , 8.1, 10 (32bit / 64bit) und Vista (32bit).

PROFIBUS:		Manufacturer
NDA121-NO	USB 1 channel	[ABB]
is Pro USBx12	USB 1 channel	[ifak System]
PROFibus:	USB 1 channel	[Softing]
HART:		Manufacturer
NDA121-NX	USB, FSK-modem, [Ex ia]	[ABB]
NHA121-NO	USB, FSK-modem	[ABB]
is HRT USB,	USB, FSK-modem	[ifak System]
is HRT USBeX		

Please pay attention to manufacturer's actual documentation

3.2 Linking Device / Segment Coupler

List of recommended modules.

PROFIBUS DP/PA:	Manufacturer
LD 800P	[ABB]
NDL100-NX, NDL100-NO	[ABB]

SK1, SK2, [Pepperl+Fuchs]
 Power Hub (SK3)

Please pay attention to manufacturer's actual documentation

4 Installation and configuration

4.1 Installation

Make sure that the minimum PC/Notebook requirements are met.

- Start Windows (with administrator rights!)
- Cancel all running programs
- Insert data medium or unzip DAT200*.zip file
- Start "Setup.exe" in the root directory of the data medium or in the software downloaded from the Internet
 - ➔ Follow the instructions
- The .NET 2.0 Framework will be installed if required.
 - ➔ If you are requested to sign up CD-Keys & Company Name (“**ABB**”) of the CommDTMs, they will be available in: <drive>\ABB DAT200 Asset Vision Basic\DTM\CommDTMs\ifak system\is xxx FDT

After the installation finished - restart your PC.

- ➔ If you are requested (ifak DTM) to put in the series no. – insert the number of your modem.
- After the first start of DAT200 you must update the device catalog, in order that the new installed DTMs are available.

4.2 Uninstall instructions

For uninstalling use your Windows Start menu (operating system):
 Start -> Settings -> Control Panel -> Software
 -> Install/Uninstall

1. Uninstall “ABB Asset Vision Basic”
 Still existing Project files (*.XML, *.FDT) and directories will not be deleted.
2. Reboot your computer!

5 Update / Upgrade instructions

Start the new DAT200 setup and follow the instruction. Still existing Project files (*.XML, *.FDT) and directories will not be kept.

6 Known problems and limitations

Update-Installation from Version 01.01.00

- First uninstall Asset Vision Basic of released version smaller then 01.00.18

Windows OS

- DAT200 is executable with attached Windows language versions:
 - Versions witch are based on Latin language / writing
 - Chinese language version
 - Japanese language version
 Do you use a different OS language version, please install first an US Windows version!

DTM´s of the ABB DTM400 bundle

- Single DTMs of the ABB DTM400 bundle might not fully support the ABB Asset Vision Basic (DAT200) Point-to-Point Wizard. Error messages might come up (e.g. "Failed to open ActiveX Control of ...") or the DTM's Parameter window is not opened at the end of the

wizard execution.

- For DTMs of the ABB DTM400 bundle - please preferably use the Expert Mode of ABB Asset Vision Basic (DAT200).

– Single DTM400 DTMs and the description of “Known problems and limitations” are listed in the DTM400 Bundle Supplement Info.

All Supplement infos are available on the data medium

<drive>\ Documentation\ABB DTMxxx bundle\<DTM-name>.pd.

For searching the info use no. "3KXD801400R3901" in the search field.

The latest Supplement infos and updated ABB DTMs are available on the ABB website www.abb.com/fieldbus

6.1 Important notes for the usage of DTMs

Even though DTM interfaces have been comprehensively tested, unusual and unpredictable circumstances can occur which could cause no reaction of the frame application.

- Save your work regularly using 'save' or 'save as' DTM features frequently in order to avoid data re-entry and recovery in the event of any unexpected program termination.

An interrupted Download (Data transfer to the field device) may result in an inconsistent dataset in the device.

- It is recommended to download the device data to the evic again after the device connection has been re-established.

7 Getting help / further information

7.1 Common

Press "F1" for online-help.

In case of queries:

Phone: +49 551 905 534

Email: vertrieb.messtechnik-produkte@de.abb.com

or your local ABB office.

8 FAQ

8.1 How to get the latest info & software?

– The latest DAT200 “Supplementary Info” is to be founded on:

<http://www.abb.com/fieldbus>

Enter here in the search field following No. “3KXD151200R3901”

– To get the Software, please use one of the following ways:

- Available on DVD, the latest “ABB DTM & DAT200” data medium

- Or as download on <http://www.abb.com/fieldbus>

Enter here in the search field following No. “3KXD151200S0050”

9 Registration DAT200

9.1 Asset Vision Basic is Freeware and operable without restrictions.

It is advisable to register the product within ABB, therewith we can inform you fast and direct about news and updates. The form is available in the menu Help > Register product.

10 Service – Addresses

<http://www.abb.com/measurement>

ABB has Sales & Customer Support expertise in over 100 countries worldwide.

<http://www.abb.com/measurement>

The Company's policy is one of continuous product improvement and the right is reserved to modify the information contained herein without notice.

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