

Content

1 DAT200 Version record - What is new? 1

2 Requirements, compatibility, contents 1

2.1 PC-Hardware, Operating system 1

2.2 DTMs / compatibility..... 1

2.3 DAT200 Bundle contents 1

3 Supported devices & tools 2

3.1 PC adapters 2

3.2 Linking Device / Segment Coupler 2

4 Installation and configuration 2

4.1 Installation 2

4.2 Uninstall instructions 2

5 Update / Upgrade instructions..... 2

6 Known problems and limitations 2

7 Getting help / further information 2

7.1 Common..... 2

7.2 Important notes for the usage of DTMs..... 2

8 How to get the latest info & software?..... 2

9 Registration..... 2

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

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 2000 SP4 / XP SP2 / Vista SP2 / 7 (32-bit versions only)
 - .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 2000 Professional, XP Professional, Vista Business and 7 Professional as PC / Notebook installation (No Server / Network version). Please check the hints of the single DTMs for the supported operating systems.

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 DAT200 Bundle contents

- Device Management Tool:
- DAT200 Asset Vision Basic
 - Language available for: English and German
 - Supports further languages of the DTM: Italian, French and Spanish.

- CommDTMs:
for USB HART modem
- "is HRT FDT" for NHA121-NX, NHA121-NO,
is HRT USB, is HRT USBx
 - CD-Key & Company name (always "ABB!") to release the "is HRT FDT":
\\ABB DAT200 Asset Vision Basic
\\DTM\CommDTMs\ifak system\is HRT FDT\CDKeyHRT.txt

for USB PROFIBUS adapter



- "is Pro FDT" for NDA121-NO, is Pro USBx12
- CD-Key & Company name (always "ABB!") to release the "is Pro FDT":
\\ABB DAT200 Asset Vision Basic
\\DTM\CommDTMs\ifak system\is Pro FDT\CDKeyPB.txt
- Documentation in PDF format

3 Supported devices & tools

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

3.1 PC adapters

Attached a list of recommended adapter / modems.
(Releases for Windows Operating Systems 2000, XP, Vista, 7)

PROFIBUS:

NDA121-NO:	USB 1 channel	[ABB]
is Pro USBx12:	USB 1 channel	[ifak System]
PROFIusb:	USB 1 channel	[Softing]

HART:

NHA121-NX:	USB, FSK modem, [EEx ia]	[ABB]
NHA121-NO:	USB, FSK modem	[ABB]
is HRT USB, is HRT USBx:	USB, FSK modem	[ifak System]

- Please pay attention to manufacturer's actual documentation

3.2 Linking Device / Segment Coupler

Attached a list of recommended modules.

PROFIBUS DP/PA:

LD 800P	[ABB]
NDL100-NX, NDL100-NO	[ABB]
SK1, SK2, Power Hub (SK3)	[Pepperl+Fuchs]

- 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** (always "ABB!") of the CommDTMs, they will be available in:
\\ABB DAT200 Asset Vision Basic\DTM\CommDTMs\ifak system
\\is xxx FDT
- You must update the device catalog after the first start of DAT200, in order that the installed DTMs are available.

4.2 Uninstall instructions

For uninstalling go in the operating system:
Start -> Settings -> Control Panel -> Software -> Install/Uninstall

1. Uninstall "ABB Asset Vision Basic".
Project files will not be uninstalled.
2. Reboot your computer!

5 Update / Upgrade instructions

Start the new DAT200 setup and follow the instruction. Existing projects will be kept.

6 Known problems and limitations

- ABB DTM400 bundle DTMs
The "Known problems and limitations" of the ABB DTM400 bundle DTMs are listed in the DTM400 Bundle Supplement Info and to be found on the data medium \documentation or latest on www.abb.com/fieldbus. Enter here in the search field following No. "3KXD801400R3901".
- Windows OS
DAT200 is executable only with attached Windows language versions:
 - Versions which are based on Latin language / writing
 - Chinese language version
 - Japanese language versionDo you use a different OS language version, please install first an US Windows version!
- Single DTMs available with 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. Please preferably use the ABB Asset Vision Basic (DAT200) Expert Mode with DTM400 DTMs. Updated list of ABB DTM400 DTMs available on www.abb.com/fieldbus:
Please use No. "3KXD801400R3901" as search term.

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.

7.2 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 device again after the device connection has been re-established.
- ABB DTM supplementary information is available on the data medium:
<drive>\Documentation\ABB DTMxxx bundle\<DTM-name>.pdf

8 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"
- Please use one of the following ways to get the Software:
 - Available on the latest "ABB DTM & DAT200" data medium
 - As download on <http://www.abb.com/fieldbus>
Enter here in the search field following No. "3KXD151200S0050"

9 Registration

- DAT200 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.

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

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

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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