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1 Device - Revision Record / What is new?

1.1 Hardware

Released Revision	Released Date	Remarks
1.0	28.05.2005	First release

1.2 Software

Released Revision	Released Date	Remarks
1.0.1	28.05.2005	First release
1.3.0	24.02.2006	SIL Certification
1.4.3	12.10.2009	Indicator with chinese letters
1.5.1	15.07.2011	Correction of temperature influence on mounting angel

2 DTM - Device Type Manager

2.1 Supported devices

ABB Engineer IT DTM ST2600-HART for
2600T Series Pressure Transmitters 261 HART

2.2 DTM Version record / What is new?

Released Version	Released Date	Remarks
01.00.00	17.06.2005	First release
01.01.00	21.07.2011	Setting of chinese letters for indicator. Correction of temperature influence on mounting angel.

2.3 Requirements

2.3.1 PC-Hardware, Operating system

See DTM400 Bundle Supplement Info*)

2.3.2 Frame application / compatibility

The FDT 1.2 compatibility was tested with the dtmINSPECTOR Rev. 1.01.27.

Therefore the ABB DTM should be usable in all frame applications according to the requirements of FDT 1.2. Please read the respective frame application documentation, too.

- Make sure that the minimum hardware requirements are met.
- Start Windows (with administrator rights!).
- Cancel all running programs.
- Insert CD-ROM.
- Start "Setup.exe" in the "DTMDTM ST2600-HART (261)" directory of the CD or in the folder you choosed for the software uploaded from the Internet.
- Follow the instructions.

2.3.3 Uninstall instructions

For uninstalling in the operating system: "Start-> Settings ->Control Panel -> Add/Remove Programs -> Install/Uninstall" ->Select the DTM and Uninstall.

*) DTM400 Bundle Supplement Info is available on the data medium \documentation or latest in www.abb.com/fieldbus. Enter here in the search field following No. "3KXD801400R3901".

2.4 Update- / Upgrade instructions

Uninstall is not needed before update / upgrade. It can be handled like a new installation, existing projects will be kept.
Hints regarding new versions may be found under <http://www.abb.com/Fieldbus>

2.5 Known problems and limitations

An automatic loading of preconfigured data to the transmitter from Symphony/Freelance is not possible during planning phase as only with active DTM and online connection to the transmitter a complete plausibilisation of the device version is possible. For configuration and loading of data the DTM therefore has to be started during startup phase and an online connection has to be established.

Valid for FDT frame applications only:

- TAG cannot be set via a DTM.
In DSV401 (SMART VISION) this limit does not apply.
- DTM cannot switch to Offline mode if working with Online Application.
Device has to be disconnected first and then the DTM can be switched to Offline mode only.
In DSV401 (SMART VISION) this limit does not apply.
- It could happen that the list of available functions for a DTM in the frame application does not get updated. If that happens, click on "New project" in the frame and when prompted to save click on "Cancel".
The DTM menu with all functions in the frame will be available again.
In DSV401 (SMART VISION) this limit does not apply.

2.6 Getting help / further information

- Press 'F1' for online help. Help concerning the implementation of the DTM in the system environment (e.g. SMART VISION, AC800F, MC60, CMC70) can be found in the respective documentation.

Hints regarding commissioning

- Initialisation of the DTM for the 2600T:
For starting the DTM, the DTM for the 2600T as HART or Profibus device has to be used when creating the project tree. For initialization the point "More" has to be selected in the menu under "Device". Depending on the operating speed of the PC this could take some seconds.
- Configuration of the 2600T
The DTM is started by clicking the right mouse key or via the menu point "Device", in each case with "Edit". A connection to a device will be disconnected with the first start of the DTM and the device must be reconnected. After a "Connection set-up" first all the data of the device are loaded completely. Changed data are displayed in blue and underlined. Using the command "Save data to device" these data will be sent to the device.
- Remarks on the configuration of the 2600T transmitter.
After saving the data in the transmitter they are automatically saved in a non-volatile manner.

2.7 How to get the Software (driver)?

Please use one of the following ways to get the Software (driver):

- Available on the newest DTM & DSV401 (SMART VISION) CD-ROM
- As download from <http://www.abb.com/Fieldbus>
 - >[select Fieldbus protocol]
 - >[select field device]
 - >[select device group / name]
 - use link read more / downloads
 - > go to flag "Fieldbus & HART Files"
- The Aspect Object (*.afw) online file contains all driver and information. For the *.afw file
 - > go to flag "Downloads"

2.8 Licensing the DTM

See DTM400 Bundle Supplement Info*)

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