

Schneider Electric Altivar Process ATV6xx DTM Library V2.6.5 - Release Notes -

This document contains important information about the Altivar Process ATV6xx DTM Library software component and Release Content.

1. Package Content

Software Component Name	Version
Altivar Process ATV6xx DTM Library	V2.6.5
Altivar Process ATV6xx	V2.6.5.0

2. Features

2.1 What is new in V2.6.5

- > IFW API migration to the new Apigee enterprise service

2.2 Features of V2.6.1

- > Bug Fixes

2.3 Features of V2.6.0

- > Support for New FW V2.6IE31_B12
- > Bug Fixes

2.4 Features of V2.5.4

- > APM-S6 reference filtering fix

2.5 Features of V2.5.3

- > Introduction of APM SE tab
- > Bug Fixes

2.6 Features of V2.5.2

- > Support for APM 400V References
- > Bug Fixes

2.7 Features of V2.5.1

- > Support for New FW V2.5IE27_B03
- > Support for FW compatibility
- > Bug Fixes

2.8 Features of V2.4.3

- > Fix for FMK Version incompatibility
- > Tab Style change as per Schneider guideline
- > Bug Fixes

2.9 Features of V2.4.2

- > Support for ATV6xx firmware version V2.4IE26_B11
- > CR Fixes

2.10 Features of V2.3.0

- > Support for ATV6xx firmware version V2.3IE25_B06p
- > Safety message updates (TUN, AUT, APPT, SLPM, PST)
- > CR Fixes

2.11 Features of V2.2.1

- > Support for ATV6xx firmware version V2.2IE24_B07
- > Improved SNTP section with Support for Daylight saving time
- > Support for Powerlink option board
- > CR Fixes

2.12 Features of V2.1.2

- > Introducing APM Partner Tab
- > CR Fixes.

2.13 Features of V2.1.0

- > Support for ATV6xx Firmware version V2.2IE24
- > CR Fixes.

3. System Requirement

3.1 Supported operating systems

- > This software can be installed on the following operating systems:
- > Microsoft Windows 7 32/64-bit .
- > Microsoft Windows 8.1 32/64-bit .
- > Microsoft Windows 10.0 32/64-bit .

3.2 Minimum PC Requirements

Equipment	Minimum
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Processor	Pentium 4 / Core 2 Duo, 2 GHz
RAM	2 GB
Free Hard Disk Space	1 GB of free disk space Must be available
Display	Resolution: 1024 x 768 pixels with 32 bit colors DPI: 96

3.3 Recommended PC Requirements

Equipment	Recommended
Processor	Intel(R) Core(TM) i3
RAM	4 GB
Free Hard Disk Space	2 GB
Display	Resolution: 1024 x 768 pixels with 32 bit colours DPI: 96

4. Some restrictions which we are working on

- > IO Scanning profile change takes more than 5 seconds to update screen
 - > Offline compare feature is limited to DTM version 2.5 and above
 - > Empty file is created or the existing psx file is overwritten when Save option is canceled by the user or when it is restricted by the DTM while the motor is running.
 - > When FLO is assigned and activated and the Control Panel is enabled, the "Local Stop" message will not be displayed
 - > Connection Interruption in Unity FDT Container if there are multiple instances of DTM
 - > DPI Restriction : DTM hangs in 120 DPI when you visit Protocol and Drive Profiles section in the ParametersList tab for the first time.
- You need to wait for some minutes for DTM to get back to normal state.
- > Local Stop Message will not be displayed,if Local Stop button is pressed momentarily or quickly.The button has to be pressed firmly for 4-5 Sec.
 - > Parameter dependency is not well handled in the software. ie, visibility or disabling of parameters depending on other parameter values are not managed at the moment.
 - > We observed that for some drive references, the CLI (Current Limitation) parameter does not reset after a factory setting.
 - > Firmware compatibility - The drive is tripping to CFI2 (Invalid configuration) error if you create a new drive configuration (V1.3 or V1.2) in SoMove and download to an older drive version (V1.1).
 - > Parameter LCFB is not visible in parameter layout tab.This parameter can be accessed from parameter grid.
 - > Drive will result in CFF error if you change NSPS (Nominal synchronous motor speed) parameter and store to device.
 - > DI5 and DI6 Frequency Signal value is not available in My Dashboard - IO Terminal section.
 - > SoMove hangs after I select all parameter in parameter tab Ctrl + A.
 - > Sometime when topology is created with option board ,automatic switching between different representation is not working properly.
 - > When connected through Modbus TCP channel of Profinet option board, the IO terminals section in My Dashboard will not display the input/output status
 - > DTM goes to connection lost while saving Unity project for the first time.

- > AIV1, AIV2 & AIV3 Assignment data and Values are missing in Dashboard
- > Embedded Ethernet port IP details are not correct in SoMove after inserting Advance Ethernet Option Card
- > DTM File Export to PDF sometimes shows out of memory exception
- > RTH Parameter Value displayed in DDT variable Animation table is not correct
- > Setting Device name not possible when device is running
- > The device menu will not be accessible sometime when we open the saved SoMove project file and modifying the topology. Activate the control panel and try accessing device menu.
- > Motor brand and type value from Motor Page will be filled in the standard startup report (Service Tab), Only when we first fill the text box and later select the checkbox.

5. Container Supported

- > SoMove V2.8.1 and earlier
- > Ecostructure Machine ExpertV1.1
- > M&M FDT Container V02_04_03_00
- > Control Expert V14.0

6. Altivar Process DTM in ESME

6.1 Versions Provided & Compatibility

Activity	Version
Altivar Process DTM	V2.6.5.0
Altivar Process Firmware	V1.1IE02
	V1.1IE03
	V1.2IE05
	V1.2IE06
	V1.2IE09
	V1.3IE07
	V1.4IE10
	V1.5IE11
	V1.6IE12B10
	V1.7IE16B05
	V1.8IE21B01
	V1.9IE19B07
	V2.1IE22B05
	V2.2IE24B05
V2.3IE25B06	
V2.4IE26_B11	
V2.5IE27_B03	
V2.6IE31_B12	
ESME	V1.1

7. Altivar Process DTM in Control Expert

7.1 Versions Provided & Compatibility

Activity	Version
Altivar Process DTM	V2.6.5.0

Altivar Process Firmware	V1.1IE02 V1.1IE03 V1.2IE05 V1.2IE06 V1.2IE09 V1.3IE07 V1.4IE10 V1.5IE11 V1.6IE12B10 V1.7IE16B05 V1.8IE21B01 V1.9IE19B07 V2.1IE22B05 V2.2IE24B05 V2.3IE25B06 V2.4IE26_B11 V2.5IE27_B03 V2.6IE31_B12
Control Expert	V14.0
EcoStruxure Control Expert PSx DTM Library	V3.12.20
M580 CPU RUN boot	V2.80
M580 BME CPU	V2.80

8. Features

> CHM for Unity online help.

> [Embedded ethernet card manual link: http://www.schneider-electric.com/ww/en/download/document/EAV64327](http://www.schneider-electric.com/ww/en/download/document/EAV64327)