Schneider Electric Altivar DTM Library V12.8.0
- Release Notes -

This document contains important information about the AltivarDtmLibrary software component and Release Content.

1. Package Content

Software Component Name	Version
AltivarDtmLibrary	**V 12.8.0**
ATV12	V 2.0.1.0
ATV31/312	V 2.0.2.0
ATV32	V 2.0.10.0
ATV71	V 2.0.3.0
ATV61	V 2.0.3.0
ATVLift	V 1.9.2.0
ATV212	V 2.0.1.0

2. Features

2.1 What's New / Improved in this version

1. CR Fixes --> ATV32, ATV312, ATV212

3. Supported Firmware versions and References for ATV32

1. Firmware Versions Supported :

ATV32

1. **V1.2IEXX**
2. **V1.3IEXX**
3. **V1.5IEXX**
4. **V1.8IEXX**
5. **V2.1IEXX**
6. **V2.3IEXX**
7. **V2.5IEXX**
8. **V2.7IEXX**

2. References Supported :

ATV32

ATV32H018M2	ATV32HU22M2	ATV32HU22N4
ATV32H037M2	ATV32H037N4	ATV32HU30N4
ATV32H055M2	ATV32H055N4	ATV32HU40N4
ATV32H075M2	ATV32H075N4	ATV32HU55N4
ATV32HU11M2	ATV32HU11N4	ATV32HU75N4
ATV32HU15M2	ATV32HU15N4	ATV32HD11N4
ATV32HD15N4		

4. System Requirement

4.1 Supported operating systems/strong>

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 32/64-bit

4.2 Minimum PC Requirements

Equipment	Minimum
Processor	1 GHz or faster 32-bit(x86) or 64-bit (x86) processor
RAM	1 GB RAM (32-bit) or 2 GB RAM(64-bit)
Free Hard Disk Space	16 GB available hard disc space (32-bit) or 20 GB(64-bit)

	Direct X9 Graphics device with WDDM 1.0 or Higher driver
Display	Resolution: 1024 x 768 pixels with 32 bit colors DPI: 96

4.3 Recommended PC Requirements

Equipment	Recommended
Processor	1 GHz or faster 32-bit(x86) or 64-bit (x86) processor
RAM	1 GB RAM (32-bit) or 2 GB RAM(64-bit)
Free Hard Disk Space	16 GB available hard disc space (32-bit) or 20 GB(64-bit)
Display	Direct X9 Graphics device with WDDM 1.0 or Higher driver Resolution: 1024 x 768 pixels with 32 bit colours DPI: 96

5. Information

Functions	Dtms						
	ATVLift	ATV212	ATV12	ATV31-312	ATV32	ATV61	ATV7
Connection, Load from device, Store to device actions are prohibited when ARE<>No in the connected device. This parameter is reserved to transfer ATV31 configurations with a loader or keypad.				X			
Upload and download will not work in Canopen connection for the optionboards which communicate through 251 node (Like ethernet, ethernetip..). Canopen communication works through tunneling which does not allow communication through two different nodes						X	X
Some New Parameters in new firmware versions does not have long labels					X		

6 Restrictions

Functions	Dtms					
	ATVLift	ATV212	ATV12	ATV31-312	ATV32	ATV
No contextual help			X		X	
ATV logic sub menu in the device menu is disabled until the ATV logic tab is selected for the first time after the launch of FDT container					X	
Mulitloader import / export feature is not available for this version.	X	X				X

7 Known Issues

Functions	Dtms					
	ATVLift	ATV212	ATV12	ATV31-312	ATV32	ATV61
Store to device is not permitted when the PLC program is running in the connected device, a popup error indicates «Store to device is not possible».					X	
Several Help button exists in dialog boxes but have no action			X			
Connection lost occurs sometimes when using Ethernet option card					X	
Command panel sometimes cannot be made inactive when the ADC parameter in automatic DC injection is changed to continuous and executed a Run and stop.					X	
FDR function does not SAVE with SoMove (with a PLC configured)						X
FDR state is not getting updated w.r.t FDR action value.						X

	Col1	Col2	Col3	Col4	Col5	Col6	Col7
ATVLogic: Execution order for Constant function blocks is not stored and retrieved back					X		
Store to device is not updating LLS & LTS value in drive	X						
Parameter set switching does not work for frequency threshold if changed via command panel							
AUH modified group is not available as part of SoMove dtm		X					
Translations are not available for certain functionalities/parameters.		X			X	X	
In command panel the speed reference value when scrolled fast may not be in sync with the device value		X					
When the PRT value changes, reference of the drive also changes. So if the user changes PRT in online through SoMove connection lost happens. User can connect back to the drive by changing the reference through "modify topology".						X	
Scope tab will not be available when switch from Standard mode to Expert mode is performed	X			X	X	X	
In 3rd party dtm container when connection lost happens, Disconnect from device first and then perform "upload and connect" operation , as the dtm may not go to synchronized mode without disconnecting and performing "upload and connect" operation					X	X	

8 Troubleshoot

1. **Load from Device** - If a load from device action is interrupted by a device power OFF, then the subsequent load from device actions will fail.

Resolution:

  * Power ON the device and try Load from device again, or if problem persists still then
  * Restart SoMove and try Load from device again

2. **Functional Block -** In ATVLogic configuration dialog box, an error message warns "Date is integer".

Resolution:

  * The date must be entered in the required format: 8 digits: MMDDYYYY

3. **Functional Block -** If you want copy / paste a whole program from the PRE to the AUX for example, we have the following behavior:

  * Only blocks are pasted (no Inputs/outputs and no links will be pasted).
  * The past operation will not paste all blocks copied from the PRE section. It depends on the position of the last click in the window.
  * Create link on 'paste blocks' is not always possible. In this case, it is necessary to delete blocks and create new one

4. **Online help -** Adobe version 10 and above, the user has to disable the Protected Mode at startup in the Adobe Reader preference:

  * In Adobe Reader X, go to Edit>Preferences>General and uncheck "Enable Protected Mode at startup"