

SoMove V2.9.7

- Release Notes -

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

1. Package Content

Software Component Name	Version
SoMove	V2.9.7
Modbus Communication DTM Library	V2.6.36
CANopen Communication DTM Library	V1.2.6
Schneider Electric Software Update	V2.6.5
Schneider Electric License Manager	V2.9.0
FTDIDriver64Bit	V1.0.0
FTDIDriver32Bit	V1.0.0

2. Features

2.1 What's new in V2.9.7

2.1.1 Features

- > Integration of Modbus Communication DTM Library V2.6.36
- > Cybersecurity Updates

2.1.2 Bugs Fixes

- >>**309814**: SoMove is injected with vulnerable external file/files.
- >>**299989**: SoMove (ATV320)- Difficult/Impossible to change Ethernet parameters online with SoMove 2.9.5
- >>**306458**: SoMove (ATV320)- SoMove freezes when trying to change the option board setting
- >>**132626**: SoMove - scanning the drive by Modbus serial/Auto-Adaptation does not work reliably
- >>**305625**: SoMove - installation fails: Schneider Electric Modbus Communication DTM Library cannot be installed
- >>**302086**: SoMove 2.9.5 – Edit Connection/Advanced Settings does not respond (Please refer 4.6 section).

>>159276: SoMove scan issue DTM modbus

>>305625: SoMove - installation fails: Schneider Electric Modbus Communication DTM Library cannot be installed

>>297357: SoMove - Spanner Icon is not coming for the modified parameters in print PDF file

2.1.3 Updates

>> From SoMove Version 2.9.7 Windows 7 support has been discontinued. Please use SoMove 2.9.6 or lower versions for the support.

>> 211959: Release notes - Added information about supported DTMs

>> 301956: Release notes - Added list of trusted certificates required in case of facing Error 1330 and installation without internet.

2.2 What's new in V2.9.6

2.2.1 Features

> Integration of Modbus Communication DTM Library V2.6.29

> Integration of Schneider Electric Software Update V2.6.5

> Windows 11 support

2.2.2 Bugs Fixes

>>206443: SoMove Crashes while connecting to an ATV600

>>210382: SoMove does not comply with 150% Scale and Layout display setting

>>276244: SoMove cannot connect ATV320 – errors: 1001, 2002

>>288037: SoMove : Not possible to launch SoMove

>>294742: SoMove 2.9.5 cannot connect to ATS48.

>>231690: SoMove does not correctly recognize the PC display scaling (dpi).

>>203862: Not possible to update/uninstall Modbus Driver

>>202038: SoMove - SoMove closing unexpectedly

>>244219: SoMove cannot see ATV320 DTM

>>200620: SoMove - Kernel error while preparing to release...

>>152026: SoMove does not run on specific laptop model

>>207413: ModBus drivers still getting deleted by Windows updates

>>293958: SoMove application is not launched due to invalid dll

2.2.3 Updates

>> Opening of PowerSuite(.psd,.31c,.312,.61c,.61p,.lif,.71p,.71f,.71c,) files are no more supported. Please use SoMove 2.9.5 or lower version for this support.

2.3 What's new in V2.9.5

2.3.1 Features

> Integration of 1Licensing Brick V2.9.0

> Integration of Modbus Communication DTM Library V2.6.25

> Integration of CANopen Communication DTM Library V1.2.6

2.3.2 Bugs Fixes

>>218973: SoMove 2.9 cannot open older, password-protected .PSX projects.

>>260843: SoMove 2.9.2.0 cannot convert TeSysT (Power Suite2:.impr) files.

>>253525: SoMove Power Suite file conversion error

>>273038: SoMove : Installation error Popup Shown while Installing SoMove when newer version of Microsoft edge webview2 runtime is installed.

>>262335: SoMove - DTM Altistart: Export to pdf file issue.

>>198981: SoMove - Root element is missing.

>>200207: SoMove Catalog update is happening for every user, instead of common catalogue update.

>>198298: SoMove installer issue if user is not administrator.

>>278387: SoMove installation will fail if existing License Manager version is not older than the one being installed.

>>217298: SoMove 2.9.0 exception when launching

>>271197: SoMove cannot be installed - 1330/1712 errors on components, outdated/missing certificates

2.4 What's new in V2.9.4

2.4.1 Features

> Integration of SESU V2.6.3.

> Integration of 1Licensing Brick V2.8.2

> New Tool integrated - **Secure Firmware Update**

Secure firmware update tool , helps the user to flash the firmware to the device.

Currently supports only Altivar soft starter ATS480 DTM version V1.1.5 and above.

2.4.2 Bugs Fixes

>>243084: SoMove Missing ReadMe file in SoMove_FDT.zip - Fix provided, Readme and Release note included as part of SoMove_FDT.zip.

2.5 What's new in V2.9.2

2.5.1 Evolutions

>>220054: Support for ATS480 DTM Library

>>225739: Support for ATV6000C DTM Library

>>226621: Support for Import of security backup Image file.

>>230599: Integration of 1Licensing Brick V2.8.1

>>234638: Integration of new SESU Brick V2.5.3

2.5.2 Bugs Fixes

>>200205: SoMove License activation error 0x800008FF - caused due to corrupt trusted storage.

>>164179: SoMove crashed with exception "Unrecognized configuration section system.serviceModel" - caused due to corrupt .net framework installation.

2.6 Features of V2.9.0

> Device Conversion UI evolution

> Adaptations to support Fortis Shadow offer references for ATV9xx DTM Library

> Integration of new SESU Brick V2.5.1

> Integration of 1Licensing Brick V2.6.0

- > Integration of new Modbus Comm DTM Library V2.6.16
- > Integration of new Modbus Driver Suite V14.15.1
- > Bug Fixes

2.7 Features of V2.8.402

- > Fix for SoMove licensing issue

2.8 Features of V2.8.4

- > IPV6 adaptations to support Secure connection on ATV DTMs
- > Bug fixes .

2.9 Features of V2.8.3

- > Securing the assemblies by code signing
- > Bug Fixes.

2.10 Features of V2.8.2

- > Integration of new One Licensing brick V2.5.0.(CVE-2019-8960, CVE-2019-8961)
- > Includes new version of SESU V2.5.0.(CVE-2020-7520)
- > Integration of Modbus Comm DTM library V2.6.14.
- > Integration of Modbus Driver Suite V14.15.0.0 (CVE-2020-7523).
- > Bug Fixes.

2.11 Features of V2.8.1

- > One Licensing brick V2.4.0 implemented.
- > Updated version of SESU V2.4.0 is included.
- > Updated version of Modbus Driver Suite V14.14 is included.
- > Bug fixes .

2.12 Features of V2.7.6

- > Updated version of CANopen Communication DTM Library V1.2.3 is included.
- > Updated version of SESU V2.3.1 is included.
- > ATV12 and ATS22 DTM not working during start up in SoMove V_2.7.5 issue fixed.
- > Bug fixes .

2.13 Features of V2.7.5

- > Start Page improvement (Frequently Asked Questions, Schneider Electric Latest News, Survey Link).
- > IPV6 discovery improvement.
- > Support for IPV6 discovery and locate function for TeSys Island.
- > Updated version of Modbus Communication DTM Library V2.6.12 is included.
- > Updated version of SESU V2.3.0 is included.
- > Updated version of Modbus Driver Suite V14.13 is included.
- > Bug fixes.

2.14 Features of V2.6.5

- > Support for the latest Modbus Driver (14.12.1.0).

2.15 Features of V2.6.4

- > Support for the latest Modbus Driver (14.11.0.0).
- > Bug fixes.

2.16 Features of V2.6.3

- > Updated version of Schneider Modbus Driver Suite V14.10.0.0 is included .
- > Updated version of SESU V2.1.2 is included.
- > Bug fixes.

2.17 Features of V2.6.2

- > Support for IPV6 device discovery - Edit connection dialog now has additional button Modbus IPV6.
- > Start page shows additional content and links on supported products and MySchneider app.
- > Language selection option is now available on Start page.
- > Help Manual not displayed in some languages has been resolved.
- > Updated version of Schneider Modbus Driver Suite V14.9.0.0 is included.

2.18 Features of V2.6

- > Start page action buttons now has Schneider style icons.
- > Start Page has a New **Device Conversion** actions button under tools section.
- > Dpi issues has been resolved.
- > Edit Connection screen now has **Help** button for connection specific help

2.19 Features of V2.5

- > More than one instance of SoMove application can be launched.
- > Start Page actions buttons are now organized thoughtfully.
- > Start Page improvement (Last Connected Device Information Installed DTM information, updated icons).
- > Edit Connection screen (Updated icons)

2.20 Features of V2.4

- > Match DTM feature for unidentified device reference.
- > Updated version of Modbus driver (V14.4).
- > Updated version of Modbus Library.

2.21 Features of V2.3

- > Updated version of Modbus Library.

2.22 Features of V2.2

- > Online Save of project configuration.
- > Updated version CANopen Library.
- > Updated version of Modbus Library.
- > Updated version of Modbus driver.

2.23 Features of V2.1

- > New device selection screen with device icons grouped according to device type and custom.
- > Improved device scan window.
- > List of installed DTM's in the start page.

2.24 Features of V2.0

- > Improved connection configuration which gives better device identification in supported network.
- > Option to choose between "Upload and connect" or "Download and Connect" of the configuration when the Connect button is clicked.
- > Updated tool bar icons.

3. Some Restrictions

- > In the second instance of the SoMove application, Devices connected on Modbus Serial Link / CANOpen / Bluetooth communication do not work if the same COM Port is used in other instance.
- > SoMove will not run properly if Chinese fonts are not available in the system. You need to relaunch the application and the language will be English by default. You may change the language after this relaunch.
- > Com port setting are disabled sometimes (Random behaviour).
- > SoMove crashes with COM port configured to COM3 in some laptops.
- > SoMove Installation will not work in Chinese Windows XP machine.
- > Manual device catalog update is required once for CANOpen connection.
- > The installation of the new driver version must be done by the same admin user, who did the old installation (<= V14.13.0.0). This constraint won't appear with future driver versions (>= V14.14.0.0), where Driver Manager and Drivers will be un-installable/installable by any admin user. In case the old version of Driver Manager or Driver has been installed by a different admin user, a user conflict message pops up, showing the user that must do the installation. If the owning user account is orphaned, it must be deleted.

4. Troubleshoot

4.1 Connection lost in Serial Communication

In Case of "Connection Lost" when using Serial Communication, configure the Inter-Char Timeout from the Modbus Driver as follows:

- > Step1: Select the Modbus driver from the taskbar. The default settings for Inter-Char Timeout will be automatic.
- > Step2: Select the COM Port to be used and change the Inter-Char Timeout value to higher value. E.g. 50 ms.

4.2 SoMove asks for old SESU/License manager files during uninstall

- > Step: To overcome this issue, unzip the current installed SoMove setup and browse to the corresponding component (SESU/ License Manager) MSI installer to uninstall

4.3 Modbus Driver Instantiation In Virtual Machine

When SoMove V2.8.2 and above is installed on Virtual Machines with Win7/Win8.1 OS, the Modbus driver instance is not started automatically after restart, if the Auto login option is enabled in the VM settings

- > Step: To work around this issue, the Autologin option needs to be disabled before SoMove installation

4.4 License Activation via SoMove Offline

Below troubleshooting steps needs to be followed, if the user is unable to activate the License offline through SoMove

- > Step1: Launch License Manager
- > Step2: Click on Activate

- > Step3: Click on Use another activation method
- > Step4: Copy the instructions mentioned in the Activation Method dialog to the notepad and click on next
- > Step5: Enter the SoMove activation key "A-XSJP-FS8N-B8V2" in the field
- > Step6: Follow the instructions that is copied in the notepad

4.5 Error 1330 - Trusted Certificate Error/Invalid Digital Signature Error in case of installation without internet.

If user is unable to install SoMove in offline mode. Please verify if any of the below digital certificate is/are missing, please install the digital certificate and continue with installation.

- > DigiCert Assured ID Root CA
- > DigiCert EV Code Signing CA
- > DigiCert SHA2 Assured ID code signing CA
- > DigiCert Global Root CA
- > DigiCert Global Root G2
- > DigiCert Global Root G3
- > DigiCert High Assurance EV Root CA
- > DigiCert Trusted Root G4
- > DigiCert Trusted G4 Code Signing RSA4096 SHA384 2021 CA1
- > DigiCert CS RSA4096 Root G5
- > Symantec Class 3 SHA256 code signing CA
- > Symantec Class 3 Extended Validation code signing CA - G2
- > VeriSign Universal Root Certification Authority
- > VeriSign Class 3 Public Primary Certification Authority - G5
- > Entrust
- > VeriSign
- > GlobalSign

Please update/install the certificates using following procedure.

1. Please upgrade the system with latest Microsoft software and security updates.
2. Unzip the SoMove installer.
3. Right click on the respective installer which is failing to install.
4. Select "Digital Certificate" tab.
5. Select the "Signature" in the signature list.
6. Click on "Details".
7. Click on "View Certificate" from Digital Signature Details.
8. Select "Certification Path" tab.
9. Select root certificate & Click on "Install Certificate".
10. Select intermediate certificate & Click on "Install Certificate".
11. (Optional) Select leaf certificate & Click on "Install Certificate".

Certificate has to be installed/updated on following setups: **SoMove, CANopenDtmLibrary, LicenseManager, ModbusDtmLibrary, SESU.**

4.6 If Edit Connection/Advanced Settings does not respond then please follow the below steps.

1. Launch the "Services"
2. Locate the Windows Font Cache Service. Double click on this service to open its properties dialog. Click Stop under "Service status" to stop this service, and then select Disabled from the "Startup type" list to completely disable this service. Finally, click Apply.
3. Locate the "Windows Presentation Foundation Font Cache 3.0.0.0" service.(If exists) Double click on this service to open its properties dialog. Similarly, click Stop and select Disabled to stop and disable this service. Click Apply to save the changes.
4. Navigate to the path C:\Windows\ServiceProfiles\LocalService\AppData\Local. If a warning dialog pops up saying you don't have permission to access this folder, just click on Continue to allow access. Then delete all .dat files that start with FontCache. (If Delete is not allowed then restart the system and try to delete)
5. Once delete operation is done then restart the SoMove and try to launch the Edit Connection/Advanced Settings.

5 Security Updates

5.1 The following security vulnerabilities have been addressed in this release

> CVE-2020-12525: SoMove - Deserialization vulnerability in fdtCONTAINER component and fdtCONTAINER application

> CWE-74: Improper Neutralization of Special Elements in Output Used by a Downstream Component ('Injection')

6 List of DTMs supported by SoMove

> All versions of : ATV9xx, ATV6xx, ATV6000, ATV320, AltivarDTMLibrary, AltistartDTMLibrary, ATV340, TeSys T, TeSys U, TeSys Island, ATS480, Lexium.