

Schneider Electric Altivar Soft Starter ATS480 DTM Library V1.2.1

- Release Notes -

This document contains important information about the Altivar Soft Starter ATS480 DTM Library software component and Release Content.

1. Package Content

Software Component Name	Version
Altivar Soft Starter ATS480 DTM Library	V1.2.1
Altivar Soft Starter ATS480	V1.2.1.0

2. Features

- > Support of firmware V1.2IE03.
- > Altivar Soft Starter ATS480 device reference topology for device supports from 17A to 1200A references.
- > My Device tab provides detailed device characteristics.
- > My Dashboard tab provides monitor device parameters in a single screen where user can select additional parameters according to application.
- > Parameter list tab provides all configuration parameters to configure the application in ATS480.
- > Diagnostics tab provides detailed Error and warning information configuration settings for troubleshooting.
- > Display tab provides detailed monitoring of different parameters groups from ATS480.
- > Device function provides varies device functions such as Modify topology, Control panel, Factory settings, Import/Export Configuration, Backup/Restore Device, etc. to configure ATS480.
- > Import and Export feature helps the user to save ATS480 configuration file in .cfg format.
- > DTM online help for users to refer, ATS480 configuration settings.
- > Support for Import and Export of Backup image file (*.bki).
- > Support for Import and Export of SECP file (*.secp).

> Enable user to set security profile when device is in root state(Factory state).

> Admin options tab to configure California Law Cyber security configuration settings

>> As part of the California CS Law compliance (IEC-62443-4-2 CR 1-1 Human user identification and authentication), the DTM comes with a new set of features meant to provide a more secured connection to the device over Modbus TCP and Modbus Serial

>> In a few words:

>> User authentication will be required at every attempt to connect to the device. **Note:** this mechanism is by default enabled but the user can still disable it if required.

>> A default password is provided by the factory setting (available in the Keypad), however the user will be requested at each authentication attempt, to define a different and secured password (according to a customizable password policy). It remains possible to keep the default password temporarily, but the same reminder will pop up over again during next connection attempts

>> The User authentication can be enabled/disabled and the Password policy can be modified from the Admin options node of the considered fieldbus

3. Change Log

3.1 What's new in V1.2.1

3.1.1 Evolutions

> Support of ATS480 V1.2IE03 firmware

> Support of profinet V2 module VW3A3647

Note: Profinet parameters can be configured through the DTM; however, the DTM does not support communication via Profinet module port.

> The layout of the "My Device" tab has been redesigned to clearly separate the Structure and Communication tables.

3.1.2 Bugs Fixed

> 359450: ATS480 DTM -Impossible to create a new object on Control Expert

3.2 What's new in V1.1.10

3.2.1 Evolutions

> Help Manual Integration for all the Language Supported

> Parameter visibility

> Language Packs

> Support of Excel/PDF/Txt export functionality

> Save Restore Configuration

3.3 What's new in V1.1.4

3.3.1 Evolutions

> Help Menu Attachment for the Option Modules

3.4 What's new in V1.1.1

> First Version.

4. System Requirement

4.1 Supported operating systems

This software can be installed on the following operating systems:

> Microsoft Windows 10 32/64-bit

> Microsoft Windows 11 64-bit

4.2 Minimum PC Requirements

Equipment	Minimum
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: 1366 x 768 pixels with 32 bit colors DPI: 96 (100%)

4.3 Recommended PC Requirements

Equipment	Recommended
Processor	Intel(R) Core(TM) i3
RAM	4 GB
Free Hard Disk Space	2 GB
Display	Resolution: 1920 x 1080 pixels with 32 bit colors DPI: 96 (100%)

5. Some restrictions which we are working on

> All the Labels are not Translated when Language Pack is installed.

> In the "My Device" tab, when you click once on a cell under the "Material" column, it selects the cell. A second click will then select the button to either download or launch the help document for the fields where both the download and view buttons are placed within a single cell.

6. Container Supported

> SoMove V2.10.0 and above

> EcoStruxure Control Expert V16.1 and above

7. Altivar Soft Starter DTM in Control Expert

7.1 Versions Provided & Compatibility

Activity	Version
Altivar Soft Starter ATS480 DTM	V1.2.1.0
Altivar Soft Starter ATS480 Firmware	V1.2IE03
ControlExpert	V16.1
EcoStruxure Control Expert PSx DTM Library	V3.20.24299.03
M580 CPU RUN boot	V4.30
M580 BME CPU	V4.30

7.2 Known issues or Observations:

> NA