

"Performance distributed I/O configuration software" "TM5-TM7 DTM Library" Read Me

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1 GENERAL

This document contains important information about "Performance distributed I/O configuration software" (MSDDTMSFUV10).

Please read the complete document before you run the product.

2 INFORMATION

Modicon TM5 (IP 20) and Modicon TM7 (IP 67) distributed I/O islands can be integrated on the CANopen bus using the "Performance distributed I/O configuration software" for external automation software application.

When using any software integrating an FDT (Field Device Tool) frame application, download and install the "Performance distributed I/O configuration software" (MSDDTMSFUV10) which contains the DTM (Device Type Manager) for TM5/TM7 distributed I/O modules.

3 COMPATIBILITY

This "Performance distributed I/O configuration software" is:

- compatible with SoMachine V3.0 or higher version
- compatible with the following FDT frame application:

M&M, *fdtCONTAINER 2.2.04*

PACTware 3.6/4.0

Phoenix Contact : @Xplorer+ V1.21.1.5

Note: "Performance distributed I/O configuration software" does not work with FieldCare V2.07.00.1424

Schneider-Electric recommends M&M software. Activate the link to download *fdtCONTAINER* Software from the M&M Web site: <https://extranet.mm-software.com/fdtCONTAINER/default.aspx>

Compatibility with legacy Schneider controller offer:

- The Modicon TM5/TM7 CANOpen Interfaces are released only for controllers working with SoMachine V3 or higher version.
 - o M238 FW version: V2.0.30.13 or greater
 - o M258 FW version: V2.0.2.31 or greater
 - o LMC058 FW version: V2.0.2.31 or greater
 - o ATV-IMC FW version: V1.1.ie19 or greater

- Modicon M340 with Unity V6.0 supports TM5_TM7 by using the DCF import.

Note: CANopen network may not start if using only TM5_TM7 slave equipments, to fix this issue only select "no restore" (configuration parameters) in boot sequence of one TM5_TM7 equipment and rebuilt project.

- Schneider Legacy controllers not compatible with TM5/TM7 CANOpen Interface:
 - Premium with CPP110
 - TWIDO with TWDNCO1M master module
 - ATV71 controller inside (CodeSys V2.3)
 - LMC 20 (CodeSys V2.3)
 - LMC 400 (ELAU)
 - AGP 3x00-CA1M ; LT 3300 (Pro-face)
 - Controllers with SoMachine < V3.0
 - M340 with Unity < V6.0

4 CONTENT OF THIS PACKAGE

This "**Performance distributed I/O configuration software**" contains the following components:

Unit reference: MSD DTMSFUV10

Composition:

- "**TM5-7 DTM Library**" software package for TM5 and TM7 distributed I/O islands (excluded TM5 expert & compact I/O modules)
- Technical manuals
- Instruction sheets

Description: Can be downloaded from www.schneider-electric.com

5 INSTALLATION

The package is provided as a compressed installation file that contains all components you need to install the "**TM5-7 DTM Library**" on your PC.

Follow the given instruction to install the new components:

- (1) Close any SoMachine instance or any FDT frame application instance running on your PC before you start the installation.
- (2) Copy the installation package to a temporary location on your target system.
- (3) To start the installation simply double-click on the **setup TM5-7 DTM Library** file and follow the instructions given by the installation utility.
- (4) Follow the instructions given by the "Frame Application Software" to install the DTMs or update the DTM repository.

Note: the administrator installation type must be chosen if several users are using the software with several Windows account.