

Modicon TM3 Bus Coupler IO Configurator

V1.0.0

Release Notes

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www.schneider-electric.com



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All pertinent state, regional, and local safety regulations must be observed when installing and using this product. For reasons of safety and to help ensure compliance with documented system data, only the manufacturer should perform repairs to components.

When devices are used for applications with technical safety requirements, the relevant instructions must be followed.

Failure to use Schneider Electric software or approved software with our hardware products may result in injury, harm, or improper operating results.

Failure to observe this information can result in injury or equipment damage.

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Safety Information



Important Information

NOTICE

Read these instructions carefully, and look at the equipment to become familiar with the device before trying to install, operate, service, or maintain it. The following special messages may appear throughout this documentation or on the equipment to warn of potential hazards or to call attention to information that clarifies or simplifies a procedure.



The addition of this symbol to a “Danger” or “Warning” safety label indicates that an electrical hazard exists which will result in personal injury if the instructions are not followed.



This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

DANGER

DANGER indicates a hazardous situation which, if not avoided, **will result in** death or serious injury.

WARNING

WARNING indicates a hazardous situation which, if not avoided, **could result in** death or serious injury.

CAUTION

CAUTION indicates a hazardous situation which, if not avoided, **could result in** minor or moderate injury.

NOTICE

NOTICE is used to address practices not related to physical injury.

PLEASE NOTE

Electrical equipment should be installed, operated, serviced, and maintained only by qualified personnel. No responsibility is assumed by Schneider Electric for any consequences arising out of the use of this material.

A qualified person is one who has skills and knowledge related to the construction and operation of electrical equipment and its installation, and has received safety training to recognize and avoid the hazards involved.

About the Book



At a Glance

Document Scope

This document contains important information about the hardware/firmware/software delivery of the product TM3 Bus Coupler IO Configurator software. Read the complete document before you use the product or products that are described in here.

Validity Note

The information in this Release Notes document is applicable only for TM3 Bus Coupler IO Configurator compatible products.

For product compliance and environmental information (RoHS, REACH, PEP, EOLI, etc.), go to www.schneider-electric.com/green-premium.

The technical characteristics of the devices described in the present document also appear online. To access the information online, go to the Schneider Electric home page <https://www.se.com/ww/en/download/>.

The characteristics that are described in the present document should be the same as those characteristics that appear online. In line with our policy of constant improvement, we may revise content over time to improve clarity and accuracy. If you see a difference between the document and online information, use the online information as your reference.

Chapter 1

Product Information

What Is in This Chapter?

This chapter contains the following topics:

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Product Information

Overview

The TM3 Bus Coupler IO Configurator software allows you to generate configuration files for Modicon TM3 Bus Couplers. This can be done offline, that is, the PC running the tool does not need to be physically connected to the bus coupler.

Product Identification

| Reference | Description | Version | Date |
|---------------------------------|-------------------|---------|-------------|
| TM3 Bus Coupler IO Configurator | Configurator Tool | 1.0.0 | August 2020 |

Release History Identification

| Version | Release Date | Description |
|---------|--------------|----------------------|
| 1.0.0 | August 2020 | V1.0.0 - August 2020 |

System Requirements

The TM3 Bus Coupler IO Configurator can be installed on any PC that meets the following minimum hardware and software requirements:

| Component | Minimum Requirement |
|----------------------|---|
| Processor | Intel Core 2 Duo processor or greater |
| RAM | 1 GB RAM |
| Display resolution | 1280 x 768 pixels or greater |
| Operating system | Microsoft Windows 7 (32-bit or 64-bit processor) Microsoft Windows 8 (32-bit or 64-bit processor) Microsoft Windows 8.1 (32-bit or 64-bit processor) Microsoft Windows 10 (32-bit or 64-bit processor) |
| Free Hard Disk Space | 400 MB |

Compatibility

The following table shows the supported TM3 bus couplers and the minimum firmware needed:

| Reference | Firmware |
|-----------|----------|
| TM3BCEIP | 2.1.x |
| TM3BCSL | 2.0.x |
| TM3BCCO | 2.0.x |

The following table shows the supported Modicon TM3 expansion modules:

| Reference | Description |
|-----------|----------------------------|
| TM3DQ• | TM3 Digital Output Modules |
| TM3DI• | TM3 Digital Input Modules |
| TM3DM• | TM3 Digital Mixed Modules |
| TM3AQ• | TM3 Analog Output Modules |
| TM3AI• | TM3 Analog Input Modules |
| TM3AM• | TM3 Analog Mixed Modules |
| TM3TM3• | TM3 Analog Mixed Modules |

The following table shows the supported Modicon TM3 expansion Expert and Safety modules:

| Reference | Description |
|-----------|--|
| TM3XTYS4 | TM3 TeSys module |
| TM3SA• | TM3 Safety module |
| TM3XTRA1 | Data transmitter module for remote I/O |

NOTE: Modicon TM2 expansion modules are not supported.

Installation Instructions

- User Rights: you must have the administrator privileges on the workstation to install the TM3 Bus Coupler IO Configurator.
NOTE: TM3 Bus Coupler IO Configurator is always installed so that it is available for all the users of the workstation.
- The default destination directory of the TM3 Bus Coupler IO Configurator software installation is set as follows:
 - For a 32 bits Windows operating system: C:\Program Files\Schneider Electric\TM3BC IO Configurator\
 - For a 64 bits Windows operating system: C:\Program Files (x86) \Schneider Electric\TM3BC IO Configurator\

Step Action Element

| Step | Action |
|------|---|
| 1 | Make sure that your system meets the minimum configuration requirements to install and run TM3 Bus Coupler IO Configurator. |
| 2 | Make sure that you are connected as an administrator of the workstation. |
| 3 | Launch TM3BC IO Configurator.exe |

| Step | Action |
|------|---|
| 4 | Select the language for the installation from the drop-down list and confirm by clicking OK . NOTE: The selected language is used for the TM3BC IO Configurator installation and execution |
| 5 | Read the software license, confirm that you agree by checking the I accept the agreement box and click Next to continue. |
| 6 | Read the Release Notes dialog then click Next to continue. |
| 7 | Select the shortcuts needed and click Next to continue. |
| 8 | Click Install to begin the installation. |
| 9 | Click Finish to complete the installation process. Result: You can select Launch TM3BC IO Configurator . |

Known Operational Anomalies

Known Operational Anomalies

| ID | Description |
|------------|--|
| TM3BC-1260 | On Windows 7 Operating System, some bottom parts of the application could not be visible with some screen resolution (1920x1080). For lower resolution such as 1366x768 or 1280x768, some scrollbars may not be working properly. Workaround: you can use arrow down key or mouse wheel to reach parts of the application |
| TM3BC-1266 | On a reduced-size window, some scrollbars may not behave properly. Workaround: use of mouse wheel |

Chapter 2

Software Information

What Is in This Chapter?

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Software Information

New Features

- Configure up to 14 TM3 expansion I/O modules.
- Optional modules configuration.
- Power consumption information.
- Export of generic configuration files for EtherNet/IP and CANopen.
- Export of XSY symbol table for Control Expert.
- Export of `devdesc` files for SoMachine and EcoStruxure Machine Expert.
- Memory mapping table for EtherNet/IP, Modbus Serial Line and Modbus TCP/IP.
- Compatible with TM3 bus couplers TM3BCEIP, TM3BCSL and TM3BCCO.

Known Operational Anomalies

TM3 Bus Coupler IO Configurator

No known anomalies.

Chapter 3

Additional Information

What Is in This Chapter?

This chapter contains the following topics:

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Additional Information

Cybersecurity Best Practices

Schneider Electric has incorporated cybersecurity best practices and solutions in our products.

NOTE: To help keep your Schneider Electric products secure and protected, it is in your best interest that you implement the cybersecurity best practices as indicated in the *Cybersecurity Best Practices* document provided on the [*Schneider Electric website*](#).

Known Operational Anomalies

Documentation

No known anomalies.