



EcoStruxure Secure Connect Advisor

# EcoStruxure™ Secure Connect Advisor

Secure remote access solution

[schneider-electric.com](https://schneider-electric.com)

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# Harmony

## Discover **Harmony**

Advanced operator interface and industrial relays

**Harmony** operator interface and industrial relays enhance operational efficiency and equipment availability across industrial and building applications. **Harmony** includes intelligent connected products and edge terminals that visualize, gather and process data, enabling informed operator decisions

## Explore our offer

- **Harmony** Push Buttons and Switches
- **Harmony** HMI Operator Terminals, IPC and EdgeBox
- **Harmony** Signaling Devices
- **Harmony** Electrical Relays
- **Harmony** Safety

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Electric

# Quick access to product information

## Get technical information about your product

References		Modicon TM3 I/O expansion modules for Modicon controllers Analog I/O modules				
	References					
Modicon TM3 analog input modules						
Number and type of channels	Input range	Output range	Resolution	Input format (internal pins)	Reference	Weight (kg)
2 voltage inputs	+5...+10 VDC I <sub>DC</sub> < 10 mA 0...20 mA, 4...20 mA	—	16 bits or 10 bits or 8 bits	0...10 VDC	TM3AI250	0.115
				0...20 mA	TM3AI250	0.115
4 voltage inputs	+5...+10 VDC I <sub>DC</sub> < 10 mA 0...20 mA, 4...20 mA	—	12 bits or 10 bits or 8 bits	0...10 VDC	TM3AI450	0.130
				0...20 mA	TM3AI450	0.130
4 voltage inputs or temperature inputs (°C)	+5...+10 VDC I <sub>DC</sub> < 10 mA, 0...5 mA, 4...20 mA (PT100, Ni100, Ni500, Ni1000, Pt1000, Pt5000, Pt10000) 0...100 °C 0...200 °C, 0...320 °C	—	16 bits or 10 bits or 8 bits	0...10 VDC	TM3AI550	0.160
				0...200 °C, 0...320 °C	TM3AI550	0.160
4 differential temperature inputs	Thermopiles (-10...+10 °C, -20...+10 °C, 0...100 °C)	—	16 bits or 10 bits or 8 bits	0...10 VDC	TM3AI750	0.110
				0...100 °C	TM3AI750	0.110
4 differential temperature inputs	Thermopiles (-10...+10 °C, -20...+10 °C, 0...100 °C)	—	16 bits or 10 bits or 8 bits	0...10 VDC	TM3AI850	0.200
				0...100 °C	TM3AI850	0.200

Each commercial reference presented in a catalog contains a hyperlink.  
Click on it to obtain the technical information of the product:

- Characteristics, Dimensions and drawings, Mounting and clearance, Connections and schemas, Performance curves
- Product image, Instruction sheet, User guide, Product certifications, End of life manual

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Industrial Automation and Control

PLC, PAC and Dedicated Controllers

Distributed Input/Output (I/O) Modules

Modicon TM3

[View all Modicon TM3](#)

## TM3AI2H

**Verified**

Module TM3 - 2 analog inputs high resolution

[Show more characteristics >](#)

[Related Software >](#)

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[Catalogue](#)
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[Dimensions Drawings](#)

[Main](#)

range of product

Modicon TM3

product or component type

Analog input module

range compatibility

Modicon M251

## Find your catalog

- > With just 3 clicks, you can access the Industrial Automation and Control catalogs, in both English and French
- > Consult digital automation catalogs at [Digi-Cat Online](#)

The screenshot displays the Schneider Electric website. At the top, the Schneider Electric logo is on the left, and navigation icons (search, home, etc.) are in the center. The main header features the text 'Industrial Automation'. Below this, the 'General Catalog' is prominently displayed on the left, listing various product categories such as 'Evaluations, Switches, Pilot Lights & Buses', 'Power, Cabling & Interfaces', 'Signaling Devices', 'HMI (Terminals and Industrial PCs)', 'Sensors & RFID Systems', 'Motor Starters and Load Management', 'Components for Motor Starters', 'Variable Speed Drives & Soft Starters', 'Motor Control & Robotics', 'Interface, Measurement & Control Relays', and 'P.L.C., PAC & other Controllers'. To the right of the 'General Catalog', there is a section for 'Evaluations, Switches, Pilot Lights & Buses' with a list of products and their specifications. Further right, the 'Industrial Automation' section is visible, featuring a 'Product Selection' button and a 'Catalog' button. Below these buttons, there are two large images: one showing a 'Casting Box' and another showing a '360°' view of a 'Schneider 360°' product. The bottom of the page shows a 'Footer' with contact information and a 'Language' dropdown menu.

- Up-to-date catalogs
- Embedded product selectors, 360° pictures
- Optimized search by commercial references

## Select your training



- > Find the right [Training](#) for your needs on our Global website
- > Locate the training center with the selector tool, using this [link](#)

[illegible]

# General contents

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# EcoStruxure™ Secure Connect Advisor

Secure remote access solution



EcoStruxure Secure Connect Advisor

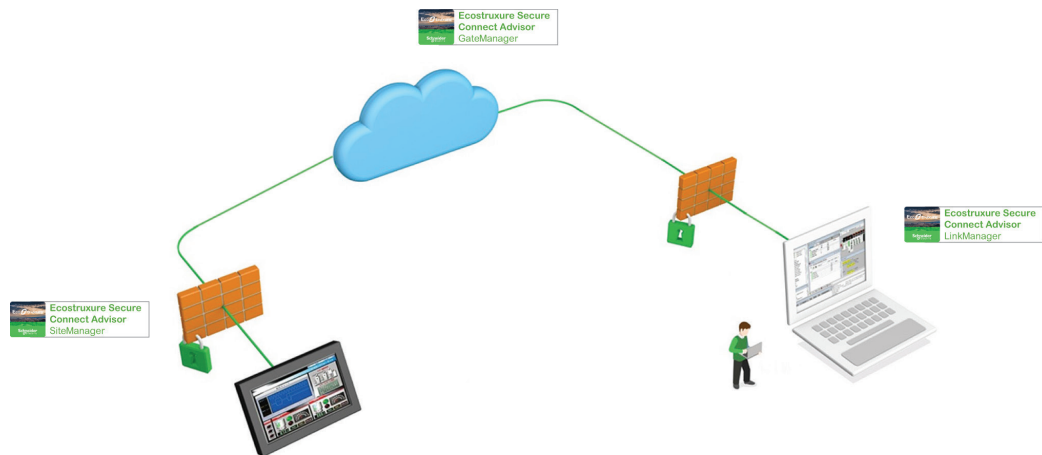
## Presentation

EcoStruxure Secure Connect Advisor provides a secure connection between remote display units on the work site (via SiteManager Embedded) and computers or smart devices in the office (via LinkManager) over a secure central server (GateManager).

With EcoStruxure Secure Connect Advisor, technicians and programmers can remotely access the Schneider Electric software and securely update it via the HMI, PLC, and other connected devices just as though they were present on site. Troubleshooting and repair can also be performed remotely upon request. EcoStruxure Secure Connect Advisor LinkManager client for remote access runs on any 32-bit or 64-bit version of Microsoft Windows Vista, Windows 7, Windows 8.x, or Windows 10 operating system. This software adapts to a number of applications such as:

- > Food & Beverage
- > Mining, Minerals & Metals
- > Oil and Gas
- > Water and Wastewater, etc.

EcoStruxure Secure Connect Advisor SiteManager software is either pre-embedded (in Harmony HMI) or manually installable on compatible Schneider Electric HMI models.

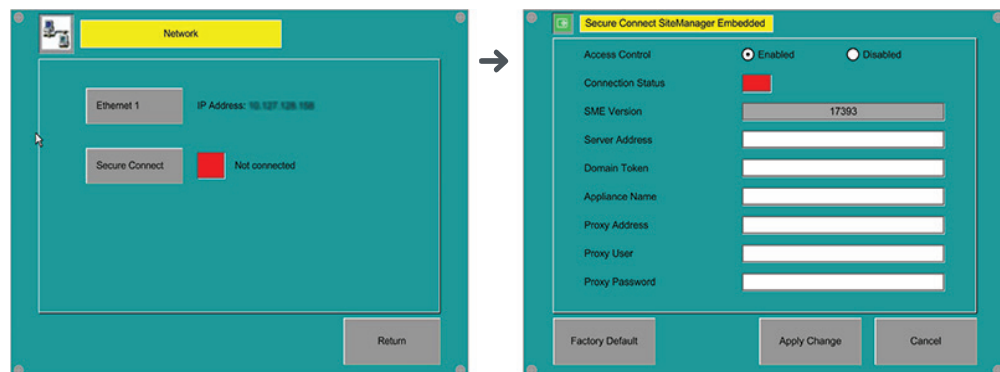


EcoStruxure Seure Connect Advisor concept

## Benefits

### Efficient and easy to use

- > Embedded and ready to use in Harmony HMI offers (panels and industrial PC)



Configuration screen

- > Gain remote access to programming, diagnostics, control, and monitoring
- > Speed up machine operation and reduce machine downtime

### Easy to subscribe

- > Purchase just one annual subscription
- > Choose the "remote service pack" adapted to your needs and, in less than half an hour, you can connect to a remote machine



# EcoStruxure™ Secure Connect Advisor

Secure remote access solution

## Easy to scale, whenever you need

- > Increase the number of LinkManager users or LinkManager mobile users
- > Increase access to more HMI units with site manager embedded
- > Program more devices

## Works everywhere, for everyone

- > Operable for all applications and segments
- > Available from desktop or smartphone

## Reliable and safe

- > Cybersecure (end to end) for both OEMs and end users, and certified by **Protectem** for cybersecurity
- > Secure access to remote devices over the internet
- > Compliant with industry level standards for security, including IEC 62443-3-3

## License options for usage flexibility

- > Advanced settings on GateManager secure server
- > Various user statistics available
- > Extended licenses to program more devices (PLC, drives, etc.) connected to the HMI

## Architecture

The EcoStruxure Secure Connect Advisor solution comprises three components:

■ **GateManager:** The GateManager server operates as a central point for the LinkManager and SiteManager. Both the SiteManager and the LinkManager must be registered with the GateManager before access is provided to the SiteManager network. This creates an encrypted connection between the SiteManager and LinkManager remote computer.

■ **SiteManager Embedded (1):** The SiteManager is the embedded component in the existing HMI configuration software. It is the device-monitoring front end for multiple industrial devices in a remote location and enables uninterrupted secure access via GateManager.

It can be purchased in two license formats:

- Basic, for accessing 1 display unit and registering up to 2 agents per display unit
- Extended, for accessing external IP devices (PLCs, iPCs, server, Web camera, etc.) on the same network as the display unit and registering five or more agents per display unit

■ **LinkManager/LinkManager Mobile:** The LinkManager is the client on the remote operator's computer. After installation, the user will be able to securely login to the GateManager and remotely connect to the devices represented by the agents on the SiteManager, including the HMI and its connected devices.

LinkManager Mobile is a lightweight version that can be used for Web-enabled devices such as smartphones or tablets to connect to SiteManager.



EcoStruxure Secure Connect Advisor for remote programming access to HMI and its connected devices

(1) The setup method for SiteManager Embedded differs depending on the display unit. For more information, please refer to the EcoStruxure Secure Connect Advisor User Guide available on our website [www.schneider-electric.com](http://www.schneider-electric.com).

**EcoStruxure Secure Connect Advisor compatibility**

The following Harmony HMLs are compatible with EcoStruxure Secure Connect Advisor (including SiteManager Embedded):

- Harmony S-Panel iPC (Performance and Optimized)
- Harmony Box iPC (Modular Universal/Performance, S-Box Universal)
- Harmony GTU panels
- Harmony GTO panels (1)

**References**

EcoStruxure Secure Connect Advisor is available with the following HMI configuration software:

- Vjeo Designer
- EcoStruxure Operator Terminal Expert

For more information on supported software versions, please refer to the EcoStruxure Secure Connect Advisor User Guide or product data sheet available on our website [www.schneider-electric.com](http://www.schneider-electric.com).

**EcoStruxure Secure Connect Advisor digital licenses**

Description	License type	Compatible panels	Reference
<b>EcoStruxure Secure Connect Advisor 30-day Free Trial</b>	30-day trial version (free)	Harmony GTU Harmony GTO (1) Harmony iPCs	<a href="#">VJOCNTFREE30</a>
<b>EcoStruxure Secure Connect Advisor Secure Remote Access Digital License - Essential Pack</b>	1x EcoStruxure Secure Connect Advisor GateManager 1x EcoStruxure Secure Connect Advisor SiteManager Embedded EXTENDED license (5 device agents) 1x EcoStruxure Secure Connect Advisor LinkManager 1x EcoStruxure Secure Connect Advisor LinkManager Mobile		<a href="#">VJOCNTPACKESS</a>
<b>EcoStruxure Secure Connect Advisor Secure Remote Access Digital License - Enterprise Pack</b>	1x EcoStruxure Secure Connect Advisor GateManager 20x EcoStruxure Secure Connect Advisor SiteManager Embedded EXTENDED license (5 device agents) 1x EcoStruxure Secure Connect Advisor LinkManager 1x EcoStruxure Secure Connect Advisor LinkManager Mobile 1x EcoStruxure Secure Connect Advisor GateManager Premium Access		<a href="#">VJOCNTPACKENT</a>

(1) Except for **HMIGTO1300** and **HMIGTO2300**.

## References

The following add-on references may be added to any EcoStruxure Secure Connect Advisor Pack to extend functionality:

EcoStruxure Secure Connect Advisor digital licenses			
Description	License type	Compatible panels	Reference
EcoStruxure Secure Connect Advisor LinkManager License	LinkManager	Harmony GTU Harmony GTO (1) Harmony iPCs	<a href="#">VJOCNTLML</a>
EcoStruxure Secure Connect Advisor LinkManager Mobile License	LinkManager Mobile		<a href="#">VJOCNTLMM</a>
EcoStruxure Secure Connect Advisor SiteManager Embedded BASIC licenses	SiteManager Embedded BASIC		<a href="#">VJOCNTSMBASIC</a>
EcoStruxure Secure Connect Advisor SiteManager Embedded EXTENDED license, 5 device agents	SiteManager Embedded EXTENDED		<a href="#">VJOCNTSMEXT5</a>
1x EcoStruxure Secure Connect Advisor SiteManager Embedded EXTENDED license, 10 device agents	SiteManager Embedded EXTENDED		<a href="#">VJOCNTSMEXT10</a>
EcoStruxure Secure Connect Advisor GateManager Premium Access	GateManager Premium Access		<a href="#">VJOCNTGMPREM</a>
EcoStruxure Secure Connect Advisor User Statistics Activation			<a href="#">VJOCNTSTAT</a>
EcoStruxure Secure Connect Advisor Termination of pack			<a href="#">VJOCNTTERM</a>
EcoStruxure Secure Connect Advisor User Statistics Termination			<a href="#">VJOCNTENDSTAT</a>

(1) Except for **HMIGTO1300** and **HMIGTO2300**.



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V	
VJOCNTENDSTAT	5
VJOCNTFREE30	4
VJOCNTGMPREM	5
VJOCNTLML	5
VJOCNTLMM	5
VJOCNTPACKENT	4
VJOCNTPACKESS	4
VJOCNTSMBASIC	5
VJOCNTSMEXT5	5
VJOCNTSMEXT10	5
VJOCNTSTAT	5
VJOCNTTERM	5

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Learn more about our products at  
[www.schneider-electric.com/ecostruxure-secure-connect-advisor](http://www.schneider-electric.com/ecostruxure-secure-connect-advisor)

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Design: Schneider Electric  
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#### **Schneider Electric Industries SAS**

Head Office  
35, rue Joseph Monier - CS 30323  
F-92500 Rueil-Malmaison Cedex  
France

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