Catalog | August 2024

EcoStruxure Secure Connect

EcoStruxure™ Secure Connect

Secure remote access solution

www.se.com

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- Harmony HMI Operator Terminals, IPC and EdgeBox
- Harmony Signaling Devices
- Harmony Electrical Relays
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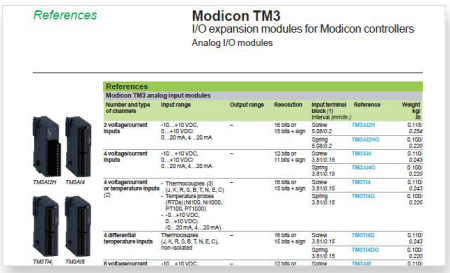

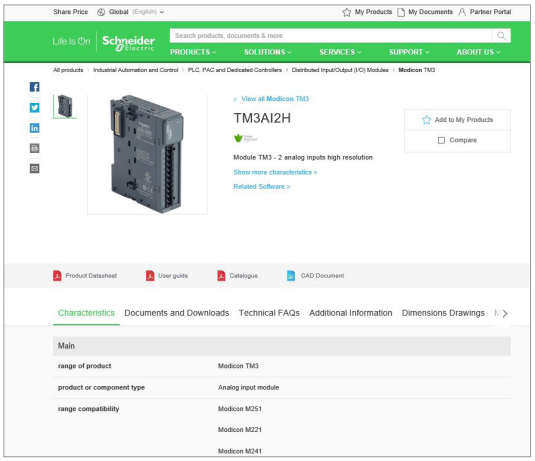

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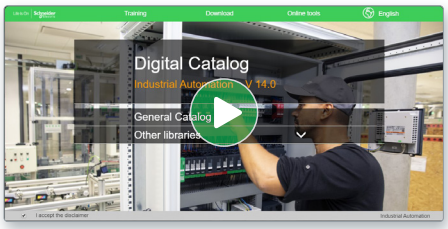

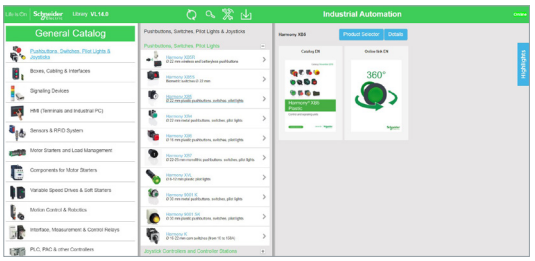

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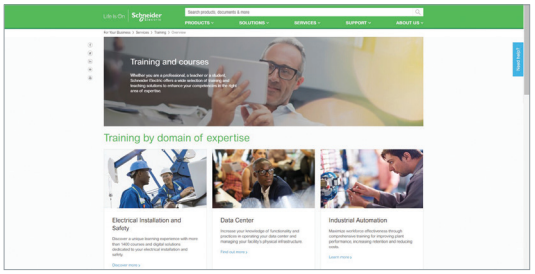

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EcoStruxure™ Secure Connect
Secure remote access solution

EcoStruxure Secure Connect

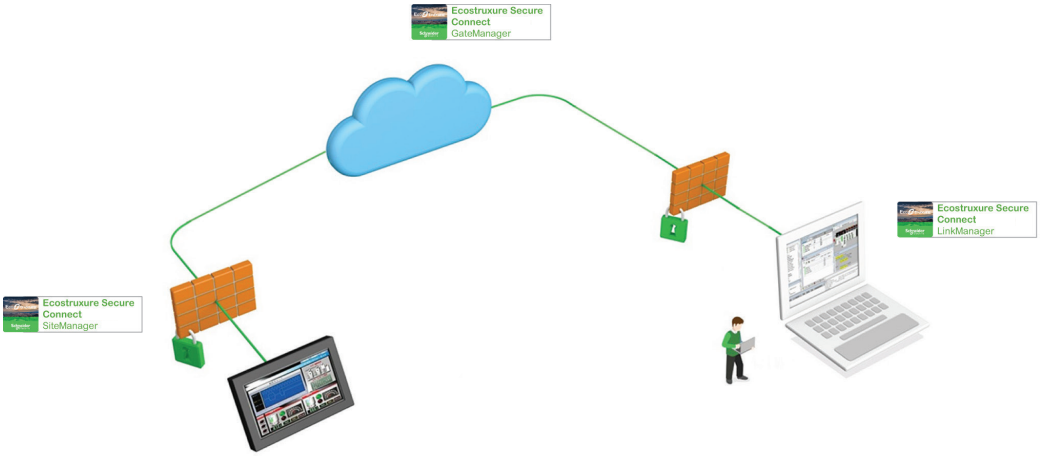
Presentation

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

With EcoStruxure Secure Connect, technicians and programmers can remotely access the Schneider Electric software and securely update 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 LinkManager client for remote access runs on any 64-bit version of Microsoft Windows 10 or Windows 11 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 SiteManager software is either pre-embedded (in Harmony HMI) or manually installable on Schneider Electric iPCs.



EcoStruxure Secure Connect concept

Benefits

Efficient and easy to use

- Embedded and ready to use in Harmony HMI panels

Configuration screen

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

Easy to subscribe

- Purchase one annual subscription starter pack
- Add granularly additional equipment licenses based on your needs

EcoStruxure™ Secure Connect
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 additional site managers
- 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 TG Alpha 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

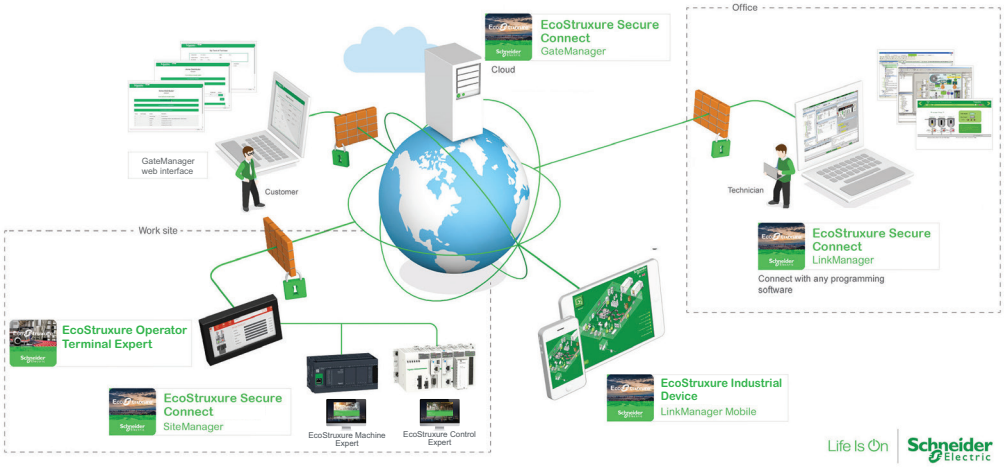
The EcoStruxure Secure Connect solution comprises of three components:

- 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, *i*PCs, 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 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 User Guide available on our website www.se.com.

EcoStruxure™ Secure Connect
Secure remote access solution

EcoStruxure Secure Connect compatibility

The following Harmony HMIs are compatible with EcoStruxure Secure Connect (including SiteManager Embedded):
- Harmony GTU panels
- Harmony GTO panels *(1)*
- Harmony GTUX panels
- Harmony ST6/STM6
- Harmony Industrial PC (Panel and Box PC)
- Harmony BX1

References

EcoStruxure Secure Connect is available with the following HMI configuration software:
- Vijeo Designer
- EcoStruxure Operator Terminal Expert
- EcoStruxure Machine SCADA Expert
- EcoStruxure Industrial Device App

For more information on supported software versions, please refer to the product data sheet available on our website *www.se.com*.

EcoStruxure Secure Connect digital licenses

Description	License type	Compatible panels	Reference
EcoStruxure Secure Connect 30-day Free Trial	30-day trial version (free)	Harmony GTU Harmony GTO *(1)* Harmony GTUX Harmony iPCs Harmony ST6/STM6 Harmony BX1	VJOCNTFREE30
EcoStruxure Secure Connect Secure Remote Access Digital License - Essential Pack	1x EcoStruxure Secure Connect GateManager 1x EcoStruxure Secure Connect SiteManager Embedded EXTENDED license (5 device agents) 1x EcoStruxure Secure Connect LinkManager 1x EcoStruxure Secure Connect LinkManager Mobile		VJOCNTPACKESS
EcoStruxure Secure Connect Secure Remote Access Digital License - Enterprise Pack	1x EcoStruxure Secure Connect GateManager 20x EcoStruxure Secure Connect SiteManager Embedded EXTENDED license (5 device agents) 1x EcoStruxure Secure Connect LinkManager 1x EcoStruxure Secure Connect LinkManager Mobile 1x EcoStruxure Secure Connect GateManager Premium Access		VJOCNTPACKENT

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

References

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

EcoStruxure Secure Connect digital licenses			
Description	**License type**	**Compatible panels**	**Reference**
EcoStruxure Secure Connect LinkManager License	LinkManager	Harmony GTU Harmony GTO *(1)* Harmony GTUX Harmony *i*PCs Harmony ST6/STM6 Harmony BX1	VJOCNTLML
EcoStruxure Secure Connect LinkManager Mobile License	LinkManager Mobile		VJOCNTLMM
EcoStruxure Secure Connect SiteManager Embedded BASIC licenses	SiteManager Embedded BASIC		VJOCNTSMBASIC
EcoStruxure Secure Connect SiteManager Embedded EXTENDED license, 5 device agents	SiteManager Embedded EXTENDED		VJOCNTSMEXT5
1x EcoStruxure Secure Connect SiteManager Embedded EXTENDED license, 10 device agents	SiteManager Embedded EXTENDED		VJOCNTSMEXT10
EcoStruxure Secure Connect GateManager Premium Access	GateManager Premium Access		VJOCNTGMPREM
EcoStruxure Secure Connect User Statistics Activation	Statistics Activation		VJOCNTSTAT

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

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VJOCNTSMEXT10	5
VJOCNTSMEXT5	5
VJOCNTSTAT	5

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