

# Product data sheet

Specifications



Third party runtime license,  
EcoStruxure Machine SCADA  
Expert, machine control, 1500 tags,  
digital

HMIEMSE3PRT1KA

## Main

|                              |                                                                                                                                               |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Range of product             | EcoStruxure Machine SCADA Expert                                                                                                              |
| Product or component type    | License                                                                                                                                       |
| Format                       | Digital                                                                                                                                       |
| Software type                | Machine control                                                                                                                               |
| Variant                      | Runtime                                                                                                                                       |
| Product compatibility        | Windows compatible PC                                                                                                                         |
| Software version             | 2023.1                                                                                                                                        |
| Operating system requirement | Windows 11<br>Windows 10 64 bit<br>Windows Server 2022<br>Windows Server 2019<br>Windows Server 2016<br>Windows 8.1<br>Windows Server 2012 R2 |
| User language                | English<br>German<br>French<br>Chinese<br>Italian<br>Korean<br>Portuguese<br>Spanish                                                          |

## Complementary

|                   |                               |
|-------------------|-------------------------------|
| Number of tags    | 1500                          |
| License category  | Permanent                     |
| Software function | HMI<br>SCADA<br>OEE dashboard |

Disclaimer: 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

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| Communication port protocol | Automation Direct Modbus TCP Master extended<br>Automation Direct Do-more H2 series Ethernet<br>BACnet BACnet IP<br>CoDeSys Automation Alliance CoDeSys V2 Ethernet<br>CoDeSys Automation Alliance CoDeSys V3 Ethernet<br>CoDeSys Automation Alliance CoDeSys V2 serial<br>Eaton Modbus TCP<br>Eaton Modbus serial<br>IEC 60870-5-104 Ethernet<br>FTP<br>HTTP<br>Keyence KV series SIO<br>Koyo DirectLogic series Ethernet<br>Koyo DirectLogic series SIO<br>Matsushita FP series SIO<br>Mitsubishi FX series Ethernet<br>Mitsubishi FX series SIO<br>Mitsubishi L series Ethernet<br>Mitsubishi L series SIO<br>Mitsubishi Q series Ethernet<br>Mitsubishi Q series SIO<br>Mitsubishi QnA series Ethernet<br>Mitsubishi QnA series SIO<br>Modbus Organization Modbus SIO master<br>Modbus Organization Modbus SIO slave<br>Modbus Organization Modbus TCP master<br>Modbus Organization Modbus TCP slave<br>MQTT<br>Omron EtherNet/IP CIP<br>Omron FINS UDP Ethernet<br>Omron FINS Hostlink serial<br>Omron FINS/SYSMAC Gateway<br>Emerson Process Management ROC Ethernet<br>Schneider Electric EcoStruxure Machine Advisor<br>Schneider Electric Modbus M340/Premium series Ethernet<br>Siemens S7 series Ethernet<br>Siemens S7 -1200/1500 series Ethernet<br>SNMP<br>SoftPLC Corporation SoftPLC Ethernet<br>Schneider Electric SoMachine Ethernet<br>GE Fanuc 90 series SRTP Ethernet<br>Siemens TI500 series Ethernet<br>Siemens TI500 series SIO<br>Triconex Tricon/Trident series Ethernet<br>Beckhoff Automation TwinCAT Ethernet<br>General Ethernet TCP/IP<br>General SIO<br>Yokogawa Electric F3 series Ethernet<br>Yokogawa Electric F3 series SIO<br>GE Intelligent Platforms PACSystems SRTP Ethernet<br>OPC UA server<br>OPC UA client<br>OPC DA client<br>OPC XML client<br>Microsoft SQL server<br>Microsoft ODBC<br>OLE DB<br>Automation Direct Direct PAC 3000<br>Schneider Electric Unity Modbus Ethernet<br>Automation Direct Koyo series Ethernet<br>Automation Direct Koyo series SIO<br>Automation Direct P series Ethernet<br>Rockwell Automation RSlogix5000 series Ethernet<br>Rockwell Automation PLC5, SLC500 series Ethernet |
| Hosting option              | Cloud<br>On-premise<br>On-device                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| License size                | 1 seat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| System requirements         | 1 GB RAM<br>2 GB hard-drive space                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Processor requirement       | Intel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Display resolution          | 10000 x 10000 pixels                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

Offer Marketing Illustration

Product benefits / Features

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Features

EcoStruxure™ Machine SCADA Expert



FDA Traceability  
Ability to create FDA 21 CFR part 11 compliant projects with traceability and e-signatures



A Variety of Drivers  
Over 250 native communication drivers for PLCs, temperature controllers, motion controllers, bar code/2D/RFID readers, and many other devices



Database Interface  
SQL Server, ORACLE, My SQL, SYBASE are supported



Mobile Access  
To access your IPC from any device with a browser that supports HTML5, such as iPads, iPhones, Android devices, and Windows devices, among others





Open Architecture  
TCP/IP, NET, ActiveX, OPC (client and server), ADO/ODBC, COM/DCOM, OLE, DDE, XML, SOAP, and HTML5 are supported



Import Wizard  
Minimize cost of migration from PanelBuilder32/FactoryTalk View ME/SE to EcoStruxure™ Machine SCADA Expert, automatically converting projects

Offer Marketing Illustration

Product benefits / Features

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Technical Benefits

EcoStruxure™ Machine SCADA Expert

