

GE Suite

SKU: KWP-GEFNC0-PRD

Component Drivers

- GE CCM
- GE EGD
- GE Ethernet
- GE SNP
- GE SNPX

Features

SUPPORTED DEVICES AND NETWORKS

- GE OPEN
- GE PAC
- 90-30
- 90-70
- Rx3i
- Rx7i
- VersaMax
- Horner OCS
- GE Micro
- Series Five
- Series Six CCM2
- EGD
- SRTP
- GE CCM

Note: This is a partial list; unlisted devices may be supported. For a complete listing, please contact Kepware.

Application Support

- OPC Data Access (OPC DA) Versions 1.0a, 2.0, 2.05a, and 3.0
- OPC Alarms and Events (OPC AE) Version 1.10
- OPC Unified Architecture (OPC UA) Version 1.01
- OPC .NET Service (OPC .NET) Version 1.00
- SuiteLink and FastDDE for Wonderware
- NIO Interface for iFIX
- DDE Format CF_Text and AdvancedDDE

Featured Suites

- Manufacturing Suite

GE CCM

Product Overview

The GE Intelligent Platforms CCM device driver works in conjunction with KEPServerEX to provide data exchange between OPC clients and GE PLCs. KEPServerEX automatically optimizes your data acquisition based on client demand. Special Series Six support includes access to the expanded I/O area of the PLC. Data integrity is ensured with our extensive error handling.

Features

- Supports Ethernet Encapsulation
- Data can be transferred in arrays of up to 128 bytes
- Supported Memory Types: I, Q, R
- RS-232 and RS-485 Connections
- Multi-drop Configurations IDs 1 to 90
- Modem Support
 - Automatic Dial Configuration
 - Multiple Phone Number Management
- Communication Serialization

Protocols

- GE CCM

Supported Devices

- Series Five
- Series Six CCM2
- Series 90-30 311
- Series 90-30 313
- Series 90-30 331
- Series 90-30 341
- Series 90-70 731
- Series 90-70 732
- Series 90-70 771
- Series 90-70 772
- Series 90-70 781
- Series 90-70 782

GE EGD

Product Overview

The GE Intelligent Platforms EGD device driver works in conjunction with KEPServerEX to provide data exchange between OPC clients and GE PLCs using Ethernet Global Data Unicast and Multicast packets. This driver supports both Producer and Consumer connections and can act as a standalone EGD device. Using this capability, any PC can become an EGD device and share data using either Unicast or Multicast UDP packets.

The GE EGD driver supports the Automatic Tag Database Generation features of KEPServerEX. Data integrity is ensured with our extensive error handling.

Features

- Automatic Tag Generation
- Unicast and MultiCast UDP Ethernet Connections
- Memory Types Supported: I, Q, G, M, T, S, R, AI, AQ
- All data types are supported

Protocols

- Ethernet Global Data (EGD)

Supported Devices

- Series 90-30 with EGD Support
- Series 90-70 with EGD Support

Additional Tech Info

SUPPORTED DEVICE DETAILS

Supports all GE devices equipped to handle EGD transactions. These devices require a CPU-364 or higher. This driver is also compatible with any device that supports EGD protocol.

GE Ethernet

Product Overview

The GE Intelligent Platforms Ethernet device driver works in conjunction with KEPServerEX to provide data exchange between OPC clients and GE PLCs. KEPServerEX automatically optimizes your data acquisition based on client demand. Data integrity is ensured with our extensive error handling. The GE Ethernet driver has been updated to support compatibility with major HMI applications making project conversion simple. This upgrade includes bit within register access and string support within register memory.

This driver is fully integrated with VersaPro, Logic Developer, and Proficy ME programming packages. A smart tag import wizard makes loading all of the tags in your PLC application a two-second operation, allowing simple access to all of your application data for any OPC or DDE enabled program.

This driver also supports PACSystems models RX3i and RX7i with Symbolic Variable support.

Features

- Automatic Tag Database Generation
- Data can be transferred in arrays of up to 2048 bytes
- Memory Types Supported: I, Q, G, M, T, S, R, AI, AQ
- Supports %I and %P program variables
- Supports access to system parameters including PRIVLEVEL, _SWEETIME, _SNPID, _PROGNAME, _SNUM_PROGS, _SPROG_FLAGS, _TIME, _OVERSWEEP, _CONSWEEP, _NEWFT, _NEWIOFT, _FTSTATUS, _IOSTATUS, and _PROGATTACH
- All data types are supported including string
- Register data supports bit access
- Array structure tag support
- Structure data type support
- 2-D tag import
- Configurable TCP/IP Port setting allows for complex network routing
- Fully integrated with VersaPro, Logic Developer, and Proficy ME programming packages
- PACSystem support for the RX3i and RX7i models with Symbolic Variables8

Supported Devices

- Horner OCS
- Versamax Family
- PACSystem RX3i
- PACSystem RX7i
- GE OPEN - Wide range model support
- Series 90-30 311
- Series 90-30 313
- Series 90-30 331
- Series 90-30 341
- Series 90-30 350
- Series 90-30 360
- Series 90-70 731
- Series 90-70 732
- Series 90-70 771
- Series 90-70 772
- Series 90-70 781
- Series 90-70 782

GE SNP

Product Overview

The GE Intelligent Platforms SNP device driver works in conjunction with KEPServerEX to provide data exchange between OPC clients and GE PLCs. KEPServerEX automatically optimizes your data acquisition based on client demand. Data integrity is ensured with our extensive error handling.

The GE SNP driver is fully integrated with VersaPro and Logic Developer programming packages. A smart tag import wizard makes loading all of the tags in your PLC application a two-second operation, allowing simple access to all of your application data for any OPC or DDE enabled program.

Features

- Automatic Tag Generation
- RS-422 Programming Port Connection
- Data can be transferred in arrays of up to 64 elements(I,Q,M,R, etc.)
- Memory Types Supported: I, Q, G, M, T, S, R, AI, AQ
- All data type are supported
- Array structure tag support
- Structure data type support
- 2-D tag import
- DWord (UINT) data type support
- Communication Serialization

Supported Devices

- GE OPEN - Wide range model support
- Series 90-30 311
- Series 90-30 313
- Series 90-30 331
- Series 90-30 341
- Series 90-30 350
- Series 90-30 360
- Series 90-70 731
- Series 90-70 732
- Series 90-70 771
- Series 90-70 772
- Series 90-70 781
- Series 90-70 782
- Series GE Micro

GE SNPX

Product Overview

The GE Intelligent Platforms SNPX device driver works in conjunction with KEPServerEX to provide data exchange between OPC clients and GE PLCs. KEPServerEX automatically optimizes your data acquisition based on client demand. Data integrity is ensured with our extensive error handling.

The GE SNPX driver is fully integrated with VersaPro and Logic Developer programming packages. A smart tag import wizard makes loading all of the tags in your PLC application a two-second operation, allowing simple access to all of your application data for any OPC or DDE enabled program.

Features

- Automatic Tag Generation
- RS-422 Programming Port Connection
- Data can be transferred in arrays of up to 64 elements (I,Q,M,R, etc.)
- Memory Types Supported: I, Q, G, M, T, S, R, AI, AQ
- All data type are supported
- Array structure tag support
- Structure data type support
- 2-D tag import
- DWord (UINT) data type support
- Communication Serialization

Protocols

- GE SNPX

Supported Devices

- GE OPEN - Wide range model support
- Series 90-30 311
- Series 90-30 313
- Series 90-30 331
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- Series 90-70 731
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- Series 90-70 772
- Series 90-70 781
- Series 90-70 782
- Series GE Micro