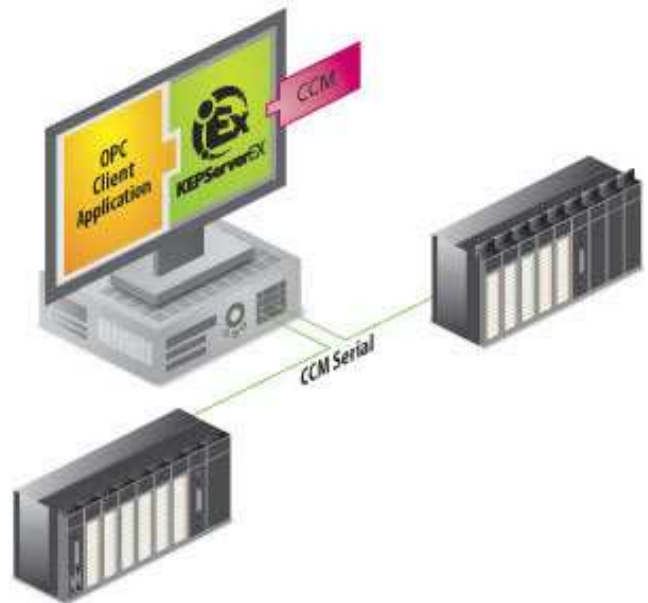




1-207-775-1660

GE Intelligent Platforms (GE Fanuc) EGD OPC Server

Kepware's GE Intelligent Platforms (GE Fanuc) Ethernet Global Data (EGD) device driver works in conjunction with our OPC Server KEPServerEX, to provide data exchange between OPC Clients and GE PLCs using EGD Unicast and Multicast packets. Data integrity is ensured with our extensive error handling. The EGD driver supports the Automatic Tag Database Generation features of KEPServerEX. The GE EGD OPC Server supports both Producer and Consumer connections and can act as a stand alone EGD device. Using this capability, any PC can become an EGD device and share data using either Unicast or Multicast UDP packets.



The GE OPC Server Suite includes:

- GE SNP Serial OPC Server
- GE SNPX serial OPC Server
- GE Ethernet OPC Server
- GE CCM Serial OPC Server
- GE EGD OPC Server

The GE EGD OPC Driver is also included in the Manufacturing Suite.



GE recognizes Kepware and KEPServerEX as their preferred communication company and OPC Server.

Plug-in Driver Features:

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

Protocol

- Ethernet using Winsock V1.1 or higher

Application Support

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

Supported Devices

- **Series 90-30** with EGD support
- **Series 90-70** with EGD support
- 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

Additional Information and Resources:

- KEPServerEX OPC Server Features
- GE EGD Revision History
- KEPServerEX Revision History
- Connecting Visual Basic to GE EGD
- System Requirements
- OPC Compliancy Testing
- KEPServerEX v5 Licensing
- Upgrade Pricing

Related Products:

- Manufacturing Suite
- LinkMaster OPC Bridging Software
- DataLogger Option for KEPServerEX
- Advanced Tag Option for KEPServerEX
- RedundancyMaster OPC Redundancy Software
- Support and Maintenance Agreement
- Support and Maintenance Agreement Pricing
- Legacy Pricing Policy

Drivers "Plug-in" to KEPServerEX

The GE Intelligent Platforms (GE Fanuc) EGD OPC Server is a plug-in device driver for KEPServerEX. A "Plug-in" is a software program (.dll) that extends the capabilities of KEPServerEX to fit the communication requirements of a specific device or system. The plug-in driver handles all of the proprietary communications between the device/system and the OPC layer, KEPServerEX. The KEPServerEX core then handles all OPC and Proprietary Client communications between the plug-in driver and the Client application. For a complete list of features and capabilities please visit the KEPServerEX overview page.

- OPC Foundation Certified - The Best of OPC on the Market
- High Performance - Multi Threaded - Runtime Configurable
- Detailed Protocol Diagnostics - Communications Trace
- Detailed OPC Diagnostics - Communications Trace
- Native Interfaces - Client Connectivity Beyond the OPC Standards
- Stratus High Availability Computing - Certified
- Marathon High Availability Computing - Certified
- Kepware 2 Hour Demonstration Mode on all Products

