1-207-775-1660

kepware TECHNOLOGIES
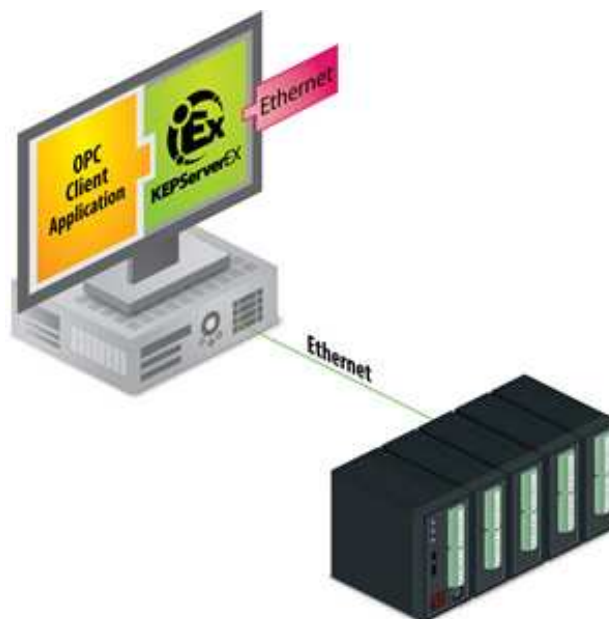
"THE WORLD LEADER IN COMMUNICATIONS FOR AUTOMATION"

Cutler-Hammer ELC Ethernet OPC Server

The Cutler-Hammer ELC Ethernet driver provides an easy and reliable way to connect to Cutler-Hammer and Eaton Logic Controllers (ELC) to your OPC Client applications, including HMI, SCADA, Historian, MES, ERP, and countless custom applications.

The Cutler-Hammer ELC Ethernet OPC Driver is also included in the Manufacturing Suite.

The Cutler-Hammer OPC Server

Suite includes:

- Cutler-Hammer ELC Serial OPC Server
- Cutler-Hammer D50/D300 OPC Server
- Cutler-Hammer ELC Ethernet OPC Server

VIP Vendor Integrated Protocol

Eaton/Cutler-Hammer recognizes Kepware and KEPServerEX as their preferred communication company and Server for ELC Series PLCs.

Plug-in Driver Features:

- Maximum Number of Channels: 256
- Maximum Number of Devices: 8192
- Cutler-Hammer address naming convention
- Addressing Support for Discrete Inputs, Discrete Outputs, Main Relay, Timer Status, Step Point, Timer Current Value, Counter Current Value, Data Register, *String Support
- 4 Cutler-Hammer specific error messaging
- Configurable Block Reads
- First Word Lo/Hi option for 32 bit data types

Protocol

- Modbus TCP

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

- ELC-PA
- ELC-PB
- ELC-PC
- ELC-PV
- Any ELC Series Controller

Additional Information and Resources:

- KEPServerEX OPC Server Features
- Cutler-Hammer ELC Ethernet Revision History
- KEPServerEX Revision History
- Connecting Visual Basic to Cutler-Hammer ELC Ethernet
- 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 Cutler-Hammer ELC Ethernet 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