



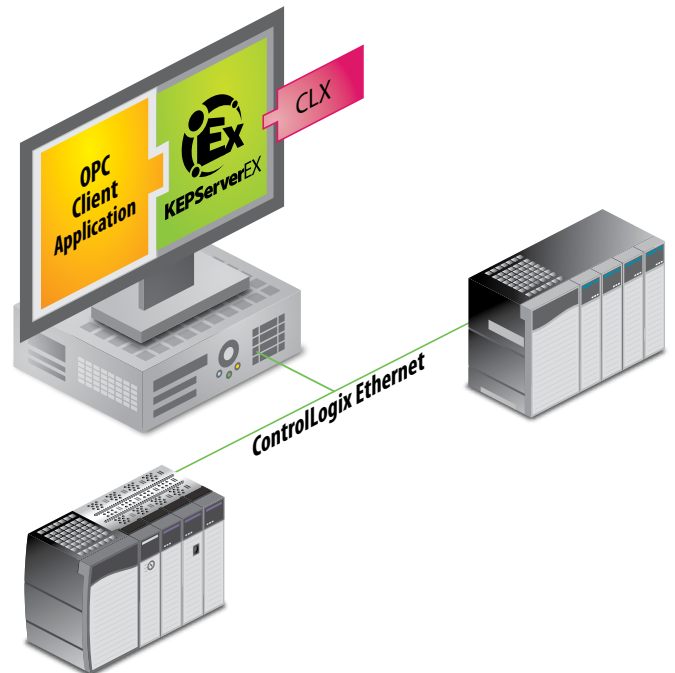
# Allen-Bradley ControlLogix Ethernet

## KEPServerEX – Communications Platform

KEPServerEX and the Allen-Bradley Suite of communication drivers are flexible and scalable solutions for connecting, managing, monitoring, and controlling automation devices that support the Ethernet/IP (CIP over Ethernet) protocol. Client communications are managed through a robust platform that supports an array of open standards, proprietary communication protocols, APIs, and automation system interfaces. KEPServerEX improves operations and decision-making throughout all levels of an organization.

### Driver Features

- Supports the EtherNet/IP (CIP over Ethernet) Protocol
- Supports the ControlLogix 5550, 5553, 5555, 5561, 5562, 5563, 5572, 5573, 5574, and 5575 devices
- Supports the CompactLogix 5320, 5323, 5330, 5331, 5332, 5335, 5343, 5345, and 5370 devices
- Supports the SoftLogix 5810, 5830, and 5860 processors
- Supports the FlexLogix 5433 and 5434 processors
- Supports the PLC 5 Control Net device
- Supports the PLC 5/10, 5/15, 5/20, 5/20C, 5/25, 5/30, 5/40, 5/40C, 5/60, 5/80, and 5/80C devices
- Supports the SLC 500 Fixed I/O, SLC 5/01, 5/02, 5/03, 5/04, and 5/05 Modular I/O Processors
- Supports the MicroLogix 1000, 1100, 1200, 1400, and 1500 devices
- Supports larger packet sizes for ControlLogix Controllers V20 and higher (configurable up to 4000 bytes) for improved performance
- Supports device routing, which allows access to ControlLogix, PLC 5, and SLC 500 PLCs via any connecting network topology
- Supports access to all pre-defined Structure Data Types (such as CAM, AXIS, and so forth)
- Supports Automatic Tag Database Generation through online "Connect to Device" or file-based .L5K and .L5X
- Supports connected messaging for Read/Write Transactions



## Proven Interoperability

- 150+ Communication Drivers with More than 250 Unique Protocols.
- Supports Open Standard Interfaces:
  - DDE Formats: CF\_Text, XL\_Table, Advanced DDE, and Network DDE.
  - OPC Alarms and Events (OPC AE): 1.0 and 1.10.
  - OPC Data Access (OPC DA): 1.0a, 2.0, 2.05a, and 3.0.
  - OPC .NET: 1.20.2.
  - OPC Unified Architecture (OPC UA): 1.01.
  - Thin-Client Terminal Server: Windows Remote Desktop.
- Supports Native Vendor Interfaces:
  - Wonderware FastDDE & SuiteLink.
  - GE NIO for iFIX.
  - Oracle.
- Advanced OPC and Channel Diagnostics.

## Centralized Communications

- Single Server Platform for All Communications.
- Consistent, User-Friendly Interface.
- Automatic Tag Generation.
- CSV Import/Export.
- Advanced Tags for Linking and Computations.
- Write Optimization and Error Recovery.
- Advanced User Management.

## On-Demand Scalability

- Plug and Play Device Drivers and Communication Options.
- Parallel Configuration and Live Operation via Separate Configuration and Runtime.
- Multi-Threaded Channel Architecture.

## Industrial Strength

- OPC Certified Compliance.
- Strict Internal Quality and Control Standards.
- Endorsed by 15 Top OEMs.

## Requirements

### Supported Operating Systems

- ✓ Windows 8
- ✓ Windows 7 Professional/Enterprise/Ultimate
- ✓ Windows Server 2012
- ✓ Windows Server 2008 and 2008 R2
- ✓ Windows Vista Business/Enterprise/Ultimate
- ✓ Windows Server 2003 SP2
- ✓ Windows XP Professional SP2

### Minimum PC Hardware Requirements

- ✓ 2.0 GHz Processor.
- ✓ 1 GB installed RAM.
- ✓ 180 MB available disk space.
- ✓ Ethernet Card.
- ✓ Super VGA (800x600) or Higher Resolution Video.

## About Kepware

Kepware Technologies is a private software development company headquartered in Portland, Maine. Kepware provides a portfolio of software solutions to help businesses connect diverse automation devices and software applications. From plant floor to wellsite to windfarm, Kepware serves a wide range of customers in a variety of international vertical markets including Manufacturing, Oil & Gas, Building Automation, Power Distribution, and more. Established in 1995 and now distributed in more than 100 countries, Kepware's software solutions help thousands of businesses improve operations and decision making.

## Contact Information

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