

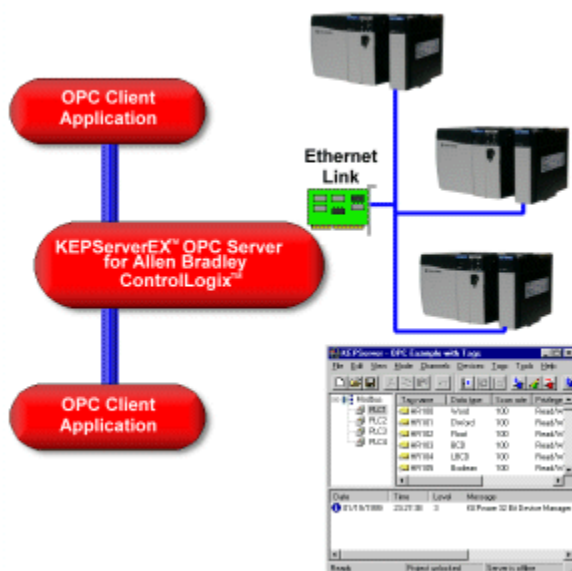
Allen Bradley ControlLogix

OPC Server

<p>Kepware Technologies, Inc. 400 Congress St., 3rd Floor, Portland, ME 04101 Mailing: PO Box 579, Portland, ME 04112</p> <p>Phone: 207-775-1660 Ext. 228 To Place an order. Ext. 208 For Sales and Pricing. Ext. 211 For Technical Support, Product Registration and Unlocks.</p> <p>Fax: 207-775-1799</p>	<p>Product No. OPC-ABSTE-NA00</p> <p>Price \$795</p> <p>Print Page Close Window</p>
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Overview

Kepware's 32 bit Allen Bradley ControlLogix Ethernet device driver works in conjunction with our OPC/DDE Server, KEPServerEX to provide data exchange between OPC DDE Clients and Allen Bradley ControlLogix controllers via Ethernet.



The ControlLogix Ethernet device driver supports communications with the 1761-NET-ENI device. The ENI device provides an Ethernet interface for PLCs' supporting Full Duplex DF1. This provides flexibility in device networking and communications.

This driver is part of the Allen Bradley Ethernet Suite. Purchasing either the Allen Bradley PLC5/SLC505 Ethernet, the Allen Bradley ControlLogix Ethernet, or the Allen Bradley DF1 driver entitles you to all three drivers.

Supported Devices:

Device	Note
ControlLogix 5550	via 1756 ENET/ENBT Module or via 1761 NET-ENI
ControlLogix 5555	via 1756 ENET/ENBT Module or via 1761 NET-ENI
ControlLogix 5553	via 1756 ENET/ENBT Module or via 1761 NET-ENI
ControlLogix 5561	via 1756 ENET/ENBT Module or via 1761 NET-ENI
ControlLogix 5562	via 1756 ENET/ENBT Module or via 1761 NET-ENI
ControlLogix 5563	via 1756 ENET/ENBT Module or via 1761 NET-ENI
CompactLogix 5300	Built-in EtherNet/IP port on processors with E suffix (i.e. 1769-L35E) or via 1761-NET-ENI Series B using Channel 0

CompactLogix 5320	Built-in EtherNet/IP port on processors with E suffix (i.e. 1769-L35E) or via 1761-NET-ENI Series B using Channel 0
CompactLogix 5330	Built-in EtherNet/IP port on processors with E suffix (i.e. 1769-L35E) or via 1761-NET-ENI Series B using Channel 0
SoftLogix 5800	via EtherNet/IP Messaging Module
FlexLogix 5400	via 1788-ENBT Ethernet Daughtercard or via 1761-NET-ENI Series B using Channel 0
FlexLogix 5433	via 1788-ENBT Ethernet Daughtercard or via 1761-NET-ENI Series B using Channel 0
FlexLogix 5434	via 1788-ENBT Ethernet Daughtercard or via 1761-NET-ENI Series B using Channel 0
PLC 5 Control Net	via 1756 ENET/ENBT Module Gateway to 1756-CNB
PLC 5/10	via 1756 ENET/ENBT Module Gateway to 1756-DHRIO
PLC 5/15	via 1756 ENET/ENBT Module Gateway to 1756-DHRIO
PLC 5/20	via 1756 ENET/ENBT Module Gateway to 1756-DHRIO
PLC 5/20C	via 1756 ENET/ENBT Module Gateway to 1756-DHRIO
PLC 5/25	via 1756 ENET/ENBT Module Gateway to 1756-DHRIO
PLC 5/30	via 1756 ENET/ENBT Module Gateway to 1756-DHRIO
PLC 5/40	via 1756 ENET/ENBT Module Gateway to 1756-DHRIO
PLC 5/40C	via 1756 ENET/ENBT Module Gateway to 1756-DHRIO
PLC 5/60	via 1756 ENET/ENBT Module Gateway to 1756-DHRIO
PLC 5/80	via 1756 ENET/ENBT Module Gateway to 1756-DHRIO
PLC 5/80C	via 1756 ENET/ENBT Module Gateway to 1756-DHRIO
SLC 500 Fixed I/O Processor	via 1756 ENET/ENBT Module Gateway to 1756-DHRIO
SLC 5/01 Modular I/O Processor	via 1756 ENET/ENBT Module Gateway to 1756-DHRIO or via 1761 NET-ENI
SLC 5/02 Modular I/O Processor	via 1756 ENET/ENBT Module Gateway to 1756-DHRIO or via 1761 NET-ENI
SLC 5/03 Modular I/O Processor	via 1756 ENET/ENBT Module Gateway to 1756-DHRIO or via 1761 NET-ENI
SLC 5/04 Modular I/O Processor	via 1756 ENET/ENBT Module Gateway to 1756-DHRIO or via 1761 NET-ENI
SLC 5/05 Modular I/O Processor	via 1756 ENET/ENBT Module Gateway to 1756-DHRIO or via 1761 NET-ENI
MicroLogix 1000	via 1761-NET-ENI
MicroLogix 1100	via 1761-NET-ENI and Ethernet/IP
MicroLogix 1200	via 1761-NET-ENI
MicroLogix 1500	via 1761-NET-ENI

Features:

Specific Features

- Automatic Tag Database Generation.
- Supports ControlLogix Gateway access via Data Highway Plus and ControlNet networks
- Device routing feature allows you to access ControlLogix, PLC5, and SLC500 PLCs via any connecting network topology
- Supports the Automatic Tag Generation features of KEPServerEX
- Access to all predefined structure data types such as CAM, AXIS, etc.
- This driver is part of our Allen Bradley Suite. Purchasing either the AB ControlLogix Ethernet, AB DF1, or the AB PLC5/SLC505 Ethernet driver entitles you to all three drivers.

General Features

General

- Multi-threaded design ensures optimum performance
- Supports up to 16 concurrent serial port and PC card configurations
- Full Time On-line operation allows on the fly changes
- Build Diagnostic system with protocol display
- OPC Diagnostic feature provides a real-time and historical view of OPC events that occur between any OPC client and the server.
- Modem support included on all Serial port drivers
- CSV file import and export of Server tags for easy configuration on large projects
- Supports running as a Windows service
- Supports direct scaling of device data which allows raw device data to be converted to engineering units for OPC client applications
- Online full-time
- Includes a built-in User Manager that allows complete control over what types of functionality each individual user can access
- Allows the user to specifically select a NIC card for use with any Ethernet driver or serial driver running in Ethernet Encapsulation mode.

OPC

- Supports OPC 1.0 Data Access Specifications
- Supports OPC 2.05a Data Access Specifications
- Supports OPC 3.0 Data Access Specifications
- Includes OPC 2.0 Automation Interface and comprehensive Visual Basic examples

DDE

- AdvancedDDE supports RSVIEW32 and Cimplicity
- FastDDE and SuiteLink Support Wonderware FactorySuite 2000
- CF-Text supports all DDE aware applications
- NetDDE supports shared network access to device data

Required Software and Hardware

Supported Operating Systems

- Windows NT
- Windows 2000
- Windows Server 2003
- Windows XP

PC Hardware

Minimum

- 400 Mhz Pentium CPU
- 128 Megs of RAM
- 100 Megs of Free Hard Drive Space

Recommended

- 600 Mhz Pentium CPU
- 512 Megs of RAM
- 100 Megs of Free Hard Drive Space

Hardware Requirements

- For Device and Hardware Requirements see the **Devices** table.

Communications Protocol:

- Ethernet / IP (CIP over Ethenet)
- Connected Messaging for Read / Write transactions

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