



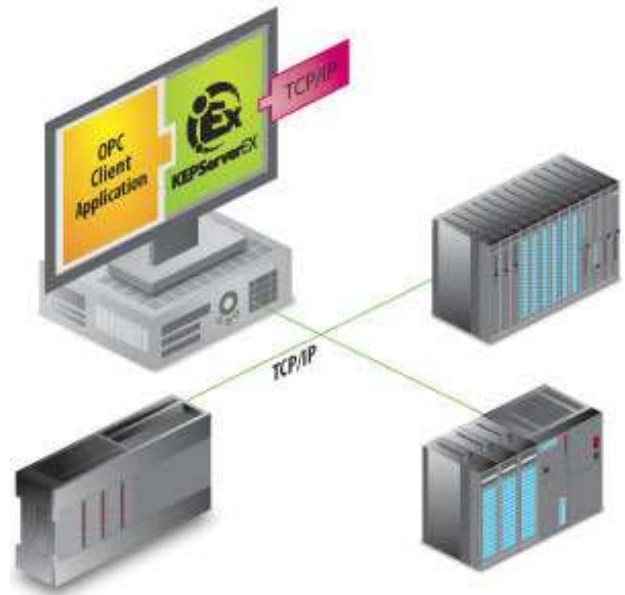
"THE WORLD LEADER IN COMMUNICATIONS FOR AUTOMATION!"

1-207-775-1660

## Siemens S7 200/300/400/1200 Ethernet OPC Server

Kepware's **Siemens S7 200/300/400/1200**

**Ethernet** device driver works in conjunction with our OPC Server **KEPServerEX**, to provide data exchange between OPC Clients and Siemens S7 200, S7 300, S7 400 and S7 1200 PLCs using TCP/IP Ethernet protocol. The S7 200/300/400/1200 Ethernet driver talks directly to the S7 PLC using a standard PC network interface card, no additional software packages or libraries are required. KEPServerEX automatically optimizes your data acquisition based on client demand. Specialized block read and write optimizations automatically increase the speed of many applications by 3-4 times when using CP243, CP343, and CP443 communications processors.



The Siemens Ethernet device driver also supports the netLinkadapter cable. The netLink adapter provides a low cost method of accessing either a Siemens S7 300 or S7 400 PLC via Ethernet without the need of the CP343 or CP443 communications card. netLink offers a considerable savings for budget conscience projects.

### The Siemens OPC Server Suite includes:

- Siemens S5 OPC Server
- Siemens S5 3964R OPC Server
- Siemens S7 200 OPC Server
- Siemens TCP/IP Unsolicited Ethernet OPC Server
- Siemens S7 MPI OPC Server
- Siemens S7 200/300/400/1200 Ethernet OPC Server

The Siemens S7 200/300/400/1200 Ethernet OPC Driver is also included in the Manufacturing Suite.

**Plug-in Driver Features:**

- Supports Multiple Connection for each device
- Supports the CP-243, CP-343 and CP-443 TCP/IP Communications Cards
- Supports access on PC/PG/OP access ports
- Memory Types Supported: I, E, Q, A, M, F, T, C, Z, and Data Block Access
- Bit Level Access is supported
- Supports Low Cost netLink Communications adapter
- netLink Configuration Utility. (Gateway from Ethernet to S7 MPI)

**Protocol**

- Siemens TCP/IP Ethernet

**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**

- **S7 200** - Family
- **S7 300** - Family
- **S7 400**- Family
- **S7 1200**- Family
- **netLink-MPI** - S7 300
- **netLink -MPI** - S7 400
- **netTap 40-MPI** - S7 300
- **netTap 40-MPI** - S7 400
- **netLink 50-MPI** - S7 300
- **netLink 50-MPI** - S7 400

**Additional Information and Resources:**

- KEPServerEX OPC Server Features
- Siemens S7-200/300/400 Ethernet Revision History
- KEPServerEX Revision History
- Connecting Visual Basic to Siemens S7-200/300/400 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 Siemens S7-200/300/400 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

