

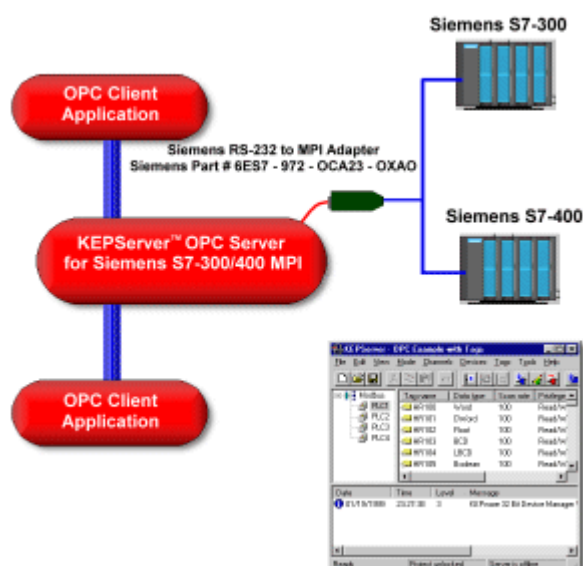


"THE WORLD LEADER IN COMMUNICATIONS FOR AUTOMATION!"

1-207-775-1660

Siemens S7 MPI OPC Serve

Kepware's **Siemens S7 MPI** device driver works in conjunction with our OPC Server KEPServerEX, to provide data exchange between OPC Clients and Siemens S7 300 and S7 400 PLCs using MPI protocol. The MPI interface requires the use of the Siemens S7 MPI serial port adapter available from your Siemens dealer. The serial port MPI adapter allows KEPServerEX to communicate with your Siemens S7 300 and S7 400 PLCs at either 19.2 Kbaud or 38.4 Kbaud. The S7 MPI driver talks directly to the MPI adapter cable no additional software packages or libraries are required. KEPServerEX automatically optimizes your data acquisition based on client demand. Data integrity is ensured with our extensive error handling.



The Siemens OPC Server Suite includes:

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

The Siemens S7 MPI OPC Driver is also included in the Manufacturing Suite.

Plug-in Driver Features:

- Supports Ethernet Encapsulation
- Multiple Master Multi-drop Supported
- Automatically handles network configuration
- Stations 0-126
- Memory Types Supported: I, E, Q, A, M, F, T, C, Z, and Data Block Access
- Bit Level Access is supported
- All data types are supported
- Array support for byte, char, word, short, DWORD, long, float and LBCD data types

Protocol

- Multi Point Interface (MPI) S7 300/400 Communications Protocol

Supported Devices

- S7 300 - Family
- S7 400 - Family

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

Additional Information and Resources:

- KEPServerEX OPC Server Features
- Siemens S7 MPI Revision History
- KEPServerEX Revision History
- Connecting Visual Basic to Siemens S7 MPI
- 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 MPI 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

