



1-207-775-1660

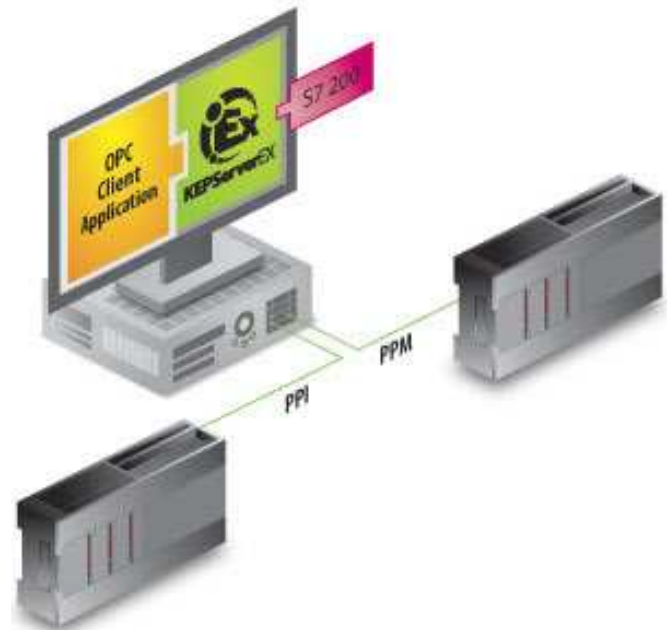
Siemens S7 200 OPC Server

Kepware's Siemens S7 200 device driver works in conjunction with our OPC Server KEPServerEX, to provide data exchange between OPC Clients and Siemens S7 200 PLCs using PPI (11Bit) or PPM (10Bit) protocol. Direct support for the EM241 Modem Module. 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 200/300/400/1200 TCP/IP Ethernet OPC Server
- Siemens TCP/IP Unsolicited Ethernet OPC Server
- Siemens S7 MPI OPC Server
- Siemens S7 200 OPC Server

The Siemens S7 200 OPC Driver is also included in the Manufacturing Suite.



Plug-in Driver Features:

- Supports EM241 Modem Module
- Supports PPI (11Bit) and PPM (10Bit) protocols
- Single Master Multi-drop RS485 Supported
- Stations 0-126
- Memory Types Supported: I, Q, M, S, V, T, C, HC, AI, AQ
- All data types are supported

Protocol

- Point-to-Point (PPI) S7-200 Communications Protocol (11 bit Mode)
- Point-to-Point Modem (PPM) S7-200 Communications Protocol (10 bit Mode)

Note: Normally the driver operates using the standard 11 bit PPI protocol. If the use of the EM 241 modem module is required the S7-200 PPM model must be selected. The S7-200 PPM model allows the driver to operate in a 10 bit mode which is much more compatible with a wide range of off-the-shelf modems. The 10 Bit PPM mode can also be used directly on the programming port of the PLC. To enable 10 bit PPM mode the S7-200 programming cable must be set to 10 bit mode

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

- S7-212
- S7-214
- S7-215
- S7-216
- S7-224
- Any Siemens S7-200 devices

Additional Information and Resources:

- KEPServerEX OPC Server Features
- Siemens S7-200 Revision History
- KEPServerEX Revision History
- Connecting Visual Basic to Siemens S7-200
- 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 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

