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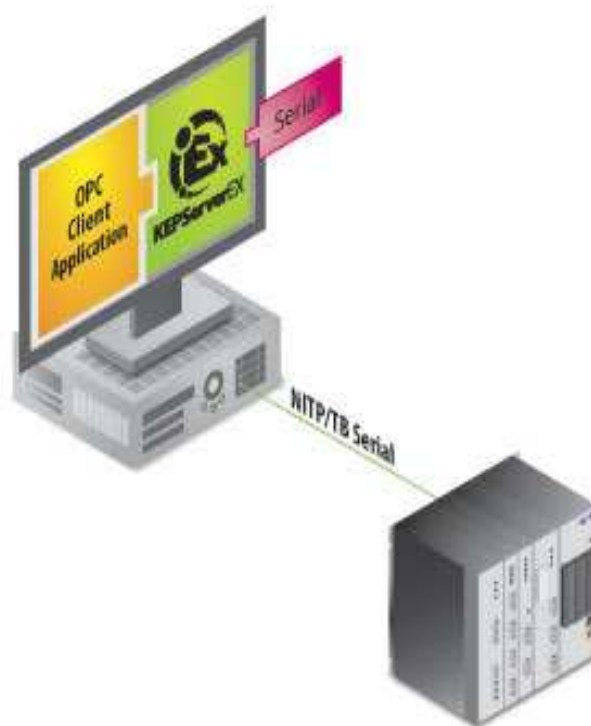
## Simatic 505 Serial OPC Server

Kepware's **Simatic 505 Serial** device driver works in conjunction with our OPC Server KEPServerEX, to provide data exchange between OPC Clients and Siemens Simatic 505 PLCs. KEPServerEX automatically optimizes your data acquisition based on client demand. Data integrity is ensured with our extensive error handling.

### The Simatic 505 OPC Server Suite includes:

- Simatic 505 Ethernet OPC Server
- Simatic 505 Serial OPC Server

The Simatic 505 Serial OPC Driver is also included in the Manufacturing Suite.



### Plug-in Driver Features:

- Supports Non-Intelligent Terminal Protocol (NITP)
- Supports Transparent Byte Protocol (TBP)
- Memory Types Supported: X, Y, WX, WY, C, V, K, STW, TCP, TCC, DSP, DSC, DCC, DTB, DCP
- All data types supported

### Protocol

- Non-Intelligent Terminal Protocol (NITP)
- Transparent Byte protocol (TB)

**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**

- TI 520
- TI 525
- TI 535
- TI 545
- TI 555
- TI 565
- TI 575

**Additional Information and Resources:**

- KEPServerEX OPC Server Features
- Simatic 505 Serial Revision History
- KEPServerEX Revision History
- Connecting Visual Basic to Simatic 505 Serial
- 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
- Service Agreement and Support Program
- Service Agreement Pricing Options
- Legacy Pricing Policy

**Drivers "Plug-in" to KEPServerEX**

The Simatic 505 Serial 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