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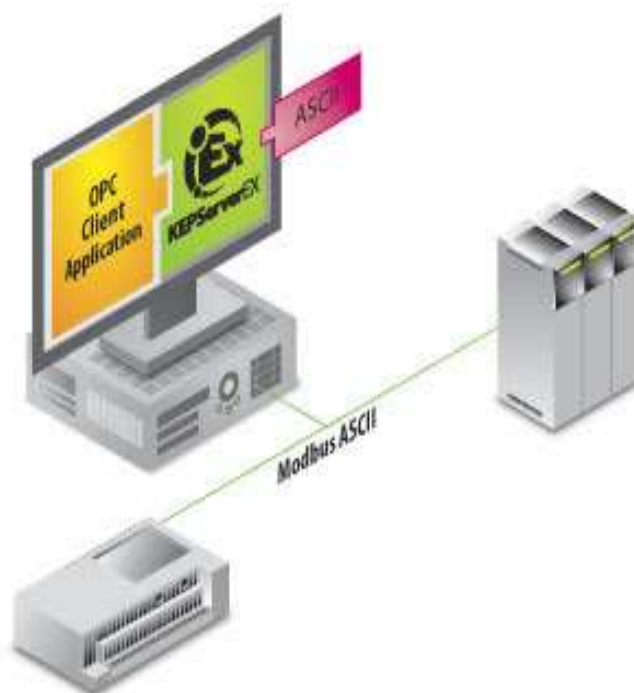
Modbus ASCII Serial OPC Server

Modbus ASCII Serial driver provides an easy and reliable way to connect to Modbus ASCII compliant Programmable Logic Controllers and devices to your OPC Client applications, including HMI, SCADA, Historian, MES, ERP, and countless custom applications.

The Modbus OPC Server Suite includes:

- Modbus PLUS OPC Server
- Modbus Ethernet OPC Server
- Modbus RTU Slave Serial OPC Server
- Modbus RTU Serial OPC Server
- Modbus ASCII Serial OPC Server

The Modbus ASCII Serial OPC Driver is also included in the following:

- Building Automation Suite
- IT and Infrastructure Suite
- Manufacturing Suite
- Oil and Gas Suite
- Power Distribution Suite

Plug-in Driver Features:

- Supports Ethernet Encapsulation
- Modbus ASCII Multi-drop Supported
- Full Address Range Support (0 - 65535)
- User Definable Read Block Sizes
- Adjustable Address Base (0 or 1)
- Word Order Swapping for Floating Point and Longs
- RTU Functions used: 01, 02, 03, 04, 05, 06, 16
- Direct Support of Flow Automation flow computers
- All memory types and data types supported

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

Protocol

- Modbus ASCII Protocol

Supported Devices

- Any Modbus ASCII Compliant PLC
- Any Device Supporting Modbus ASCII
- Flow Computers

Additional Information and Resources:

- KEPServerEX OPC Server Features
- Modbus ASCII Serial Revision History
- KEPServerEX Revision History
- Connecting Visual Basic to Modbus ASCII 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 Modbus ASCII 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