



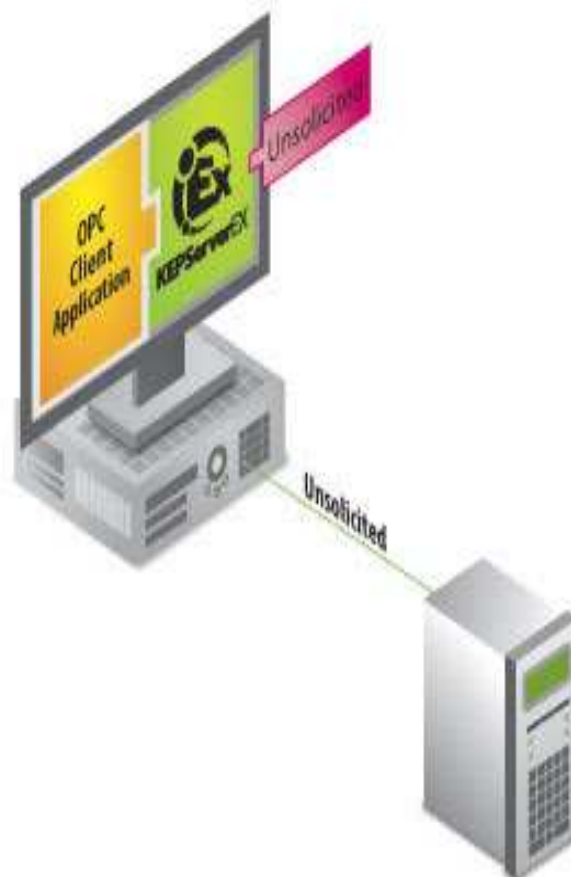
"THE WORLD LEADER IN COMMUNICATIONS FOR AUTOMATION"

1-207-775-1660

## Modbus Unsolicited OPC Server

Kepware's Modbus Unsolicited Serial device driver works in conjunction with our OPC Server KEPServerEX, to provide data exchange between OPC Clients, Modbus Masters and a Modbus RTU networks. The Modbus Unsolicited Serial (Slave) driver allows a OPC client application to appear as 1 to 247 Modbus RTU devices on the network.

The slave mode allows the server to receive data by exception from a Modbus RTU master. Typical applications include connectivity with larger DCS systems that utilize Modbus RTU. As with any slave device, the Modbus RTU Slave driver will only transfer data when being read or written by a RTU master. Data integrity is ensured with our extensive error handling.



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### The Modbus OPC Server Suite includes:

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

**Plug-in Driver Features:**

- Modbus RTU Multi-drop Supported
- Can appear as Multiple Modbus Slave devices
- Station numbers selectable from 1-247
- Full Address Range Support ( 0 - 65535 )
- Hex Addressing Support (0-FFFF)
- Adjustable Address Base ( 0 or 1 )
- Word Order Swapping on Floating Point and Long
- Data Modbus RTU functions accepted by Slave: 01, 02, 03, 04, 05, 06, 16

**Protocol**

- Modbus RTU Protocol

**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**

- Any Modbus compatible devices

**Additional Information and Resources:**

- KEPServerEX OPC Server Features
- Modbus RTU Unsolicited Revision History
- KEPServerEX Revision History
- Connecting Visual Basic to Modbus RTU Unsolicited
- 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 vKEPServerEX
- RedundancyMaster OPC Redundancy Software
- Service Agreement and Support Program
- Service Agreement Pricing Options
- Legacy Pricing Policy

### Drivers "Plug-in" to KEPServerEX

The Modbus RTU Unsolicited 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