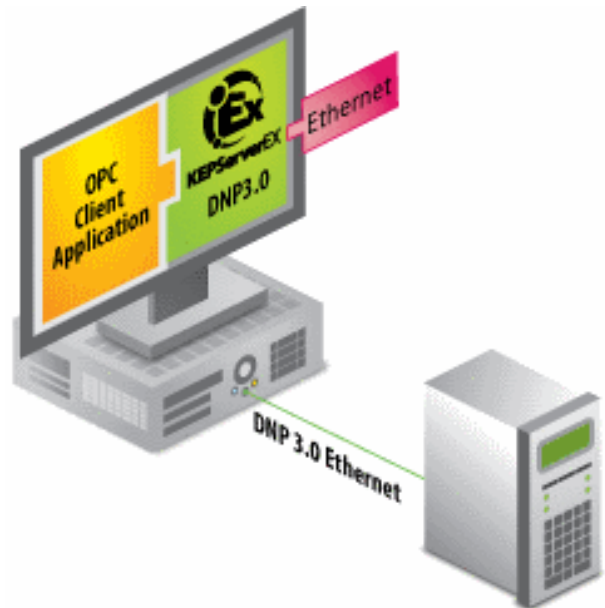




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DNP Master Ethernet OPC Server

The **DNP Master Ethernet Device Driver** provides an easy and reliable way to connect DNP Ethernet Devices to your OPC Client applications, including HMI, SCADA, Historian, MES, ERP, and countless custom applications. The DNP3 Ethernet driver includes the Water Industry Telemetry Standard which provides added security through authentication, additional data sets, specific to the water industry, plus the ability to manage distributed device assets and their attributes. The DNP Master Ethernet OPC Driver is also included in the Power Distribution Suite.



The DNP OPC Server Suite includes:

- DNP Master Serial OPC Server
- DNP Master Ethernet OPC Server

Plug-in Driver Features:

- DNP 3.0 protocol Ethernet / DNP 3.0 in Level 3 implementation
- DNP 3.0 in Level 3 implementation
- Communication with multiple DNP devices via IP addressing
- TCP support (events, monitor and control) - Ethernet port
- UDP support
- Unsolicited messaging
- Configuration of analog deadband
- WITS-DNP3 Support
 - WITS Asset management/Device information
 - WITS Security (authentication)
 - WITS Data Sets
 - Analog State Changes, Counter State Changes, Binary State Changes, Field Device Health Check, Alarm Inhibit

Protocol

- DNP 3.0 (Distributed Network Protocol via TCP or UDP)

Supported Devices

This driver supports any DNP3 slave device

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
- DNP Master Ethernet Revision History
- KEPServerEX Revision History
- Connecting Visual Basic to DNP Master Ethernet
- System Requirements
- OPC Compliancy Testing
- KEPServerEX v5 Licensing
- Upgrade Pricing

Related Products:

- LinkMaster OPC Bridging Software
- OPC UA Client Driver
- OPC DA Client Driver
- 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 DNP Master Ethernet 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

