



"THE WORLD LEADER IN COMMUNICATIONS FOR AUTOMATION!"

1-207-775-1660

Yokogawa DX Serial OPC Server

Kepware's Yokogawa DX device driver works in conjunction with our OPC Server KEPServerEX, to provide data exchange between OPC Clients and Yokogawa DX 100/200 Data Acquisition systems using either RS-232 or RS-422/485 serial communications. This driver has been optimized for serial communications with DX data sets. Modem operation is fully supported. Data integrity is ensured with our extensive error handling. The Yokogawa DX OPC Server supports the Automatic Tag Database Generation features of KEPServerEX. This driver is part of the Yokogawa driver suite.



The Yokogawa OPC Server Suite includes:

- Yokogawa CX OPC Server
- Yokogawa Darwin Ethernet OPC Server
- Yokogawa DX Ethernet OPC Server
- Yokogawa DXP Ethernet OPC Server
- Yokogawa Darwin Serial OPC Server
- Yokogawa HR 2400 Serial OPC Server
- Yokogawa MW OPC Server
- Yokogawa MX OPC Server
- Yokogawa DX Serial OPC Server

The Yokogawa DX Serial OPC Driver is also included in the Manufacturing Suite.



Yokogawa recognizes Kepware and KEPServerEX as their preferred communication company and OPC Server.

Plug-in Driver Features:

- Automatic Tag Database Generation
- Access to all system parameters

Supported Devices

- AX100
- DX102
- DX104
- DX106
- DX112
- DX204
- DX208
- DX210
- DX220
- DX230
- MV100
- MV200

Protocol

- This driver makes use of binary data formatting when reading information from Yokogawa devices

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
- Yokogawa DX Serial Revision History
- KEPServerEX Revision History
- Connecting Visual Basic to Yokogawa DX 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
 - Support and Maintenance Agreement
 - Support and Maintenance Agreement Pricing
 - Legacy Pricing Policy
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Drivers "Plug-in" to KEPServerEX

The Yokogawa DX 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

