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Kepware

TECHNOLOGIES
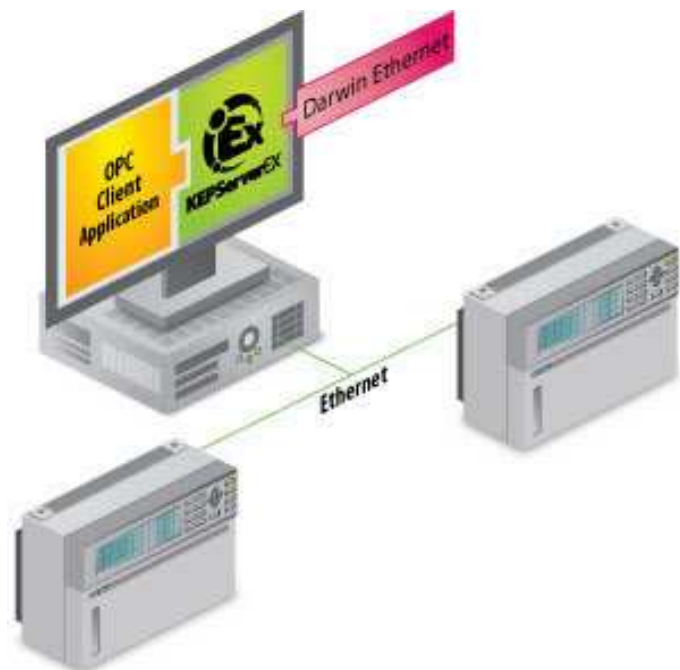
"THE WORLD LEADER IN COMMUNICATIONS FOR AUTOMATION"

Yokogawa Darwin Ethernet OPC Server

Kepware's Yokogawa Darwin device driver works in conjunction with our OPC Server KEPServerEX, to provide data exchange between OPC Clients and Yokogawa Darwin Data Acquisition systems using TCP/IP. The Darwin driver supports both the Ethernet Exclusive Port and Ethernet Shared port for data access. The Ethernet Shared port allows up to four host systems to attach to a single Darwin device. Data integrity is ensured with our extensive error handling. The Darwin OPC Server supports the Automatic Tag Database Generation features of KEPServerEX.

The Yokogawa OPC Server Suite includes:

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

The Yokogawa Darwin Ethernet OPC Driver is also included in the Manufacturing Suite.

Vip Vendor Integrated Protocol

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

Plug-in Driver Features:

- Automatic Tag Database Generation
- Supports Ethernet Communications Module
- Supports all system and configuration parameters

Supported Devices

- DA100-1
- DA100-2
- DR131
- DR231
- DR232
- DR241
- DR242
- DC100-1
- DC100-2

Protocol

- Ethernet TCP/IP Communications

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 Darwin Ethernet Revision History
- KEPServerEX Revision History
- Connecting Visual Basic to Yokogawa Darwin Ethernet
- 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

Drivers "Plug-in" to KEPServerEX

The Scanvale 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

KEPServerEX