

# Yokogawa Suite

## SKU: KWP-YKWDE0-PRD

### Component Drivers

- Yokogawa CX
- Yokogawa Darwin Ethernet
- Yokogawa Darwin Serial
- Yokogawa DX Ethernet
- Yokogawa DX Serial
- Yokogawa DXP
- Yokogawa HR
- Yokogawa MW
- Yokogawa MX

### Application Support

- OPC Data Access (OPC DA) Versions 1.0a, 2.0, 2.05a, and 3.0
- OPC Alarms and Events (OPC AE) Version 1.10
- OPC Unified Architecture (OPC UA) Version 1.01
- OPC .NET Service (OPC .NET) Version 1.00
- SuiteLink and FastDDE for Wonderware
- NIO Interface for iFIX
- DDE Format CF\_Text and AdvancedDDE

### Featured Suites

- Manufacturing Suite

# Yokogawa CX

## Product Overview

The Yokogawa CX driver works in conjunction with KEPServerEX to exchange data between OPC clients and Yokogawa CX 1000/2000 Control systems using TCP/IP. KEPServerEX ensures data integrity through extensive error handling.

## Features

- Supports Automatic Tag Database Generation
- Provides access to all system parameters

## Protocols

- Yokogawa Data Acquisition Protocols (CX, DX, DXP, MW, MP, HR, Darwin)

## Supported Devices

- CX1006
- CX1206
- CX2010
- CX2020
- CX2210
- CX2220
- CX2410
- CX2420
- CX2610
- CX2620

# Yokogawa Darwin Ethernet

## Product Overview

The Yokogawa Darwin Ethernet driver works in conjunction with KEPServerEX to exchange data between OPC clients and Yokogawa Darwin Data Acquisition systems using TCP/IP. It 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. KEPServerEX ensures data integrity through extensive error handling.

## Features

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

## Protocols

- Yokogawa Data Acquisition Protocols (CX, DX, DXP, MW, MP, HR, Darwin)

## Supported Devices

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

# Yokogawa Darwin Serial

## Product Overview

The Yokogawa Darwin Serial driver works in conjunction with KEPServerEX to exchange data between OPC clients and Yokogawa Darwin Data Acquisition systems using RS-232 or RS-422 serial communications. This driver has been optimized for serial communications with Darwin data sets. Modem operation is fully supported. KEPServerEX ensures data integrity through extensive error handling.

## Features

- Supports Automatic Tag Database Generation
- Supports all system and configuration parameters
- Supports stations 1 to 31 in RS-422 mode
- Supports the RS-232 or RS-422/485 communications modules
- Supports Ethernet Encapsulation
- Modem Support
  - Automatic dial configuration
  - Multiple phone number management

## Protocols

- Yokogawa Data Acquisition Protocols (CX, DX, DXP, MW, MP, HR, Darwin)

## Supported Devices

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

## Additional Tech Info

- This driver makes use of binary data formatting when reading information from Yokogawa devices. This requires a data bit setting of 8.
- Software handshaking is not available.

# Yokogawa DX Ethernet

## Product Overview

The Yokogawa DX Ethernet driver works in conjunction with KEPServerEX to exchange data between OPC clients and Yokogawa DX 100/200 Data Acquisition systems using TCP/IP. KEPServerEX automatically optimizes data acquisition based on client demand and ensures data integrity through extensive error handling.

## Features

- Supports Automatic Tag Database Generation
- Provides access to all system parameters

## Protocols

- Yokogawa Data Acquisition Protocols (CX, DX, DXP, MW, MP, HR, Darwin)

## Supported Devices

- DX102
- DX104
- DX106
- DX112
- DX204
- DX208
- DX210
- DX220
- DX230
- MV100
- MV200
- DX1002
- DX1004
- DX1006
- DX1012
- DX2004
- DX2008
- DX2010
- DX2020
- DX2030
- DX2040
- DX2048

# Yokogawa DX Serial

## Product Overview

The Yokogawa DX Serial driver works with KEPServerEX to exchange data 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. KEPServerEX ensures data integrity through extensive error handling.

## Features

- Supports Automatic Tag Database Generation
- Provides access to all system parameters
- Modem Support
  - Automatic dial configuration
  - Multiple phone number management

## Protocols

- Yokogawa Data Acquisition Protocols (CX, DX, DXP, MW, MP, HR, Darwin)

## Supported Devices

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

## Additional Tech Info

- This driver makes use of binary data formatting when reading information from Yokogawa devices. This requires a data bit setting of 8.
- Software handshaking is not available.

# Yokogawa DXP

## Product Overview

The Yokogawa DXP driver works in conjunction with KEPServerEX to exchange data between OPC clients and Yokogawa DXP 100/200 Data Acquisition systems using TCP/IP. KEPServerEX automatically optimizes data acquisition based on client demand and ensures data integrity through extensive error handling.

## Features

- Supports Automatic Tag Database Generation
- Provides controlled access to device parameters for compatibility with requirements of the Pharmaceutical Industry
- Supports Read Only Access to all system parameters

## Protocols

- Yokogawa Data Acquisition Protocols (CX, DX, DXP, MW, MP, HR, Darwin)

## Supported Devices

- DXP100
- DXP200

# Yokogawa HR

## Product Overview

The Yokogawa HR driver works in conjunction with KEPServerEX to exchange data between OPC clients and Yokogawa HR 2400 Data Acquisition systems using RS-232 or RS-422 serial communications. This driver has been optimized for serial communications with HR2400 data sets. Modem operation is fully supported. KEPServerEX automatically optimizes data acquisition based on client demand and ensures data integrity through extensive error handling.

## Features

- Supports Automatic Tag Database Generation
- Supports all system and configuration parameters
- Supports stations 1 to 16 in RS-422 mode and 1-31 in RS-485 mode
- Supports Ethernet Encapsulation
- Modem Support
  - Automatic dial configuration
  - Multiple phone number management

## Protocols

- Yokogawa Data Acquisition Protocols (CX, DX, DXP, MW, MP, HR, Darwin)

## Supported Devices

- HR2400(10 Channels)
- HR2400(20 Channels)
- HR2400(30 Channels)

## Additional Tech Info

- Supports Yokogawa Data Acquisition and Data Recorder devices that support RS-232 or RS-422 communications.
- This driver makes use of binary data formatting when reading information from Yokogawa devices. This requires a data bit setting of 8.
- Software handshaking is not available.

# Yokogawa MW

## Product Overview

The Yokogawa MW driver works in conjunction with KEPServerEX to exchange data between OPC clients and Yokogawa MW 100 devices using TCP/IP. KEPServerEX automatically optimizes data acquisition based on client demand and ensures data integrity through extensive error handling.

## Features

- Supports Automatic Tag Database Generation
- Supports Date and Time formatting options
- Supports system and configuration parameters

## Protocols

- Yokogawa Data Acquisition Protocols (CX, DX, DXP, MW, MP, HR, Darwin)

## Supported Devices

- MW100

# Yokogawa MX

## Product Overview

The Yokogawa MX driver works in conjunction with KEPServerEX to exchange data between OPC clients and Yokogawa MX100 Data Acquisition devices using TCP/IP. KEPServerEX automatically optimizes data acquisition based on client demand and ensures data integrity through extensive error handling.

## Features

- Stop MX on Shutdown feature tells the device to stop measuring data when the driver shuts down
- Supports Automatic Tag Database Generation
- Includes Date and Time formatting options

## Protocols

- Yokogawa Data Acquisition Protocols (CX, DX, DXP, MW, MP, HR, Darwin)

## Supported Devices

- MX100