



"THE WORLD LEADER IN COMMUNICATIONS FOR AUTOMATION!"

1-207-775-1660

Opto 22 Ethernet OPC Server

The Opto 22 Ethernet driver provides an easy and reliable way to connect to Opto 22 Controllers to your OPC Client applications, including HMI, SCADA, Historian, MES, ERP, and countless custom applications.

The Opto 22 Ethernet OPC Driver is also included in the Manufacturing Suite.



Opto 22 recognizes Kepware and KEPServerEX as their preferred communication company and Server for the SNAP PAC Controllers.

Plug-in Driver Features:

- Maximum Number of Channels: 256
- Maximum Number of Devices per Channel: 65535
- Automatic Tag Database Generation (*.bdb file)
- Multiple Protocol Support (TCP/IP and UDP)
- Memory Map and Strategy Variables Support(MMIO & CONT)
- Opto 22 specific error messaging
- Addressing Support: Analog Point, Digital Point, High Density Digital (HDD) Point, Point Configuration, Alarm, Scratch Pad, PID, Variables, Tables, Pointers

Protocol

- MMIO over Ethernet TCP/IP or UDP
- CONT over Ethernet TCP/IP

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**SNAP Industrial Controllers**

- SNAP PAC S-Series
- SNAP PAC R-Series
- SNAP-LCE

SNAP Brains

- SNAP PAC EB-Series
- SNAP Ultimate I/O
- SNAP Ethernet I/O
- SNAP Simple I/O

Brain Boards

- E1 Brain Board
- E2 Brain Board

Additional Information and Resources:

- KEPServerEX OPC Server Features
- Opto 22 Ethernet Revision History
- KEPServerEX Revision History
- Connecting Visual Basic to Opto 22 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
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Drivers "Plug-in" to KEPServerEX

The Opto 22 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

