1-207-775-1660

kepware TECHNOLOGIES
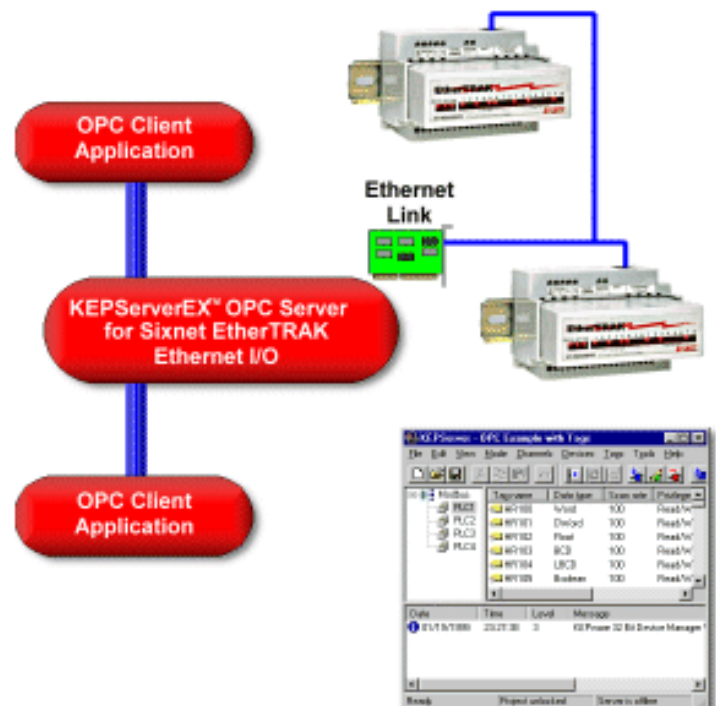
"THE WORLD LEADER IN COMMUNICATIONS FOR AUTOMATION"

Cutler-Hammer ELC Ethernet OPC Server

Kepware's SIXNET UDR (Universal Driver) device driver works in conjunction with our OPC Server KEPServerEX to provide data exchange between OPC Clients and SIXNET RTUs using Native SIDNET protocol. This driver supports both Serial and Ethernet connections. The driver also includes support for the IPM Linux based RTU. The driver supports the unique pass thru feature of the Sixnet protocol that allows you to configure an RTU while continuing to gather data. KEPServerEX automatically optimizes your data acquisition based on client demand. Data integrity is ensured with our extensive error handling.

The Sixnet OPC Server Suite includes:

- SIXNET EtherTrak OPC Server
- SIXNET UDR OPC Server

The SIXNET UDR OPC Driver is also included in theManufacturing Suite.

VIP Vendor Integrated Protocol

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

Plug-in Driver Features:

- Supports Automatic Tag Database Generation
- Access Analog and Discrete I/O
- Access Discrete I/O in Bit, Byte, and Word formats for high speed updates
- Access Analog I/O

- Access Long I/O and Float I/O
- Optimized Ethernet connection provides up to 154 read/write operations per second
- Designed for SoftPLC I/O
- All data types supported

Protocol

- SIXNET UDR (Universal Driver) protocol over serial lines and Ethernet UDP/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

- **Master Open**
- **Slave**
- **SIXNET EtherTRAK I/O modules** - (firmware version 2.10 or later)
- **SIXNET RemoteTRAK I/O modules** - (firmware version 2.10 or later)
- **SIXNET RemoteTRAK I/O connected through an EtherTRAK I/O module.** - (Both the RemoteTRAK and EtherTRAK must have firmware version 2.01 or later.)
- **SIXNET VersaTRAK RTUs** - (firmware version 2.12 or later)
- **SIXNET SIXTRAK gateways** - (firmware version 2.12 or later)

Additional Information and Resources:

- KEPServerEX OPC Server Features
- SIXNET UDR Revision History
- KEPServerEX Revision History
- Connecting Visual Basic to SIXNET UDR
- 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 SIXNET UDR 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