Secure and Reliable OPC Tunneling

Kepware's OPC tunneling solution uses a client/server architecture for secure and reliable real-time data tunneling through firewalls and across the internet, WAN, or LAN. It allows for easy remote communications between devices, data sources, and applications by eliminating the reliance on Microsoft COM and DCOM technology.
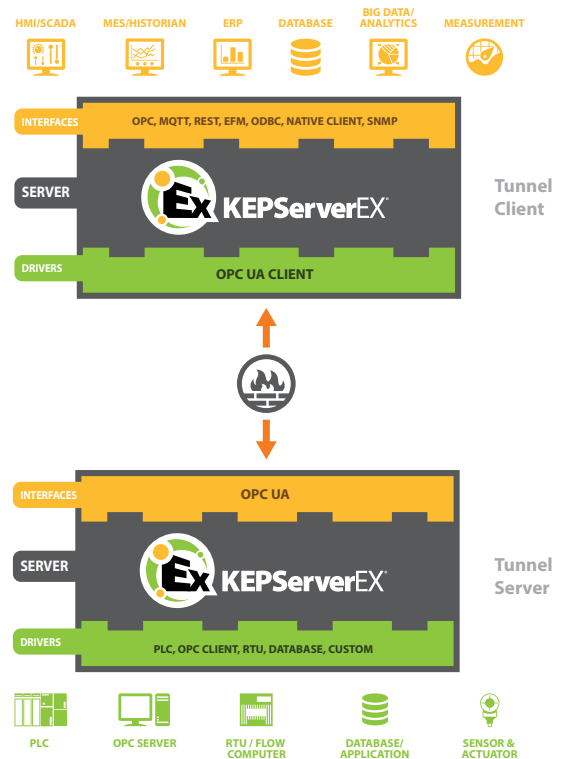
The OPC tunneling solution includes the KEPServerEX® connectivity platform with the OPC UA Client driver.

The OPC Unified Architecture (UA) open standard is used to provide an ideal tunnel for device communications between two instances of KEPServerEX: one instance that functions as the tunnel client and another instance that functions as the tunnel server. The OPC UA Client driver pairs with the UA Server interface of a KEPServerEX implementation to transfer data securely and reliably.

FEATURES AND BENEFITS

- Easier setup and configuration than DCOM
- Firewall-friendly
- Robust portfolio of client interfaces and devices
- Secure and reliable data transfer using 256-bit AES message signing and encryption
- Multi-threaded architecture and non-blocking asynchronous messaging for performance, scalability, and reliability
- Easy troubleshooting through diagnostic tools

Kepware's OPC tunneling solution was evaluated by an industry consortium consisting of the five Oil & Gas SuperMajors and the Department of Homeland Security in October 2015. To request a report of their findings, please email **sales@kepware.com**.

PRODUCT DESCRIPTION:	PART NUMBER:	LIST PRICE:
• OPC Connectivity Suite	• EX5-OPCCS-NA00	• Call
• Support & Maintenance	• IND-OPCCS-SA20	• Call

www.kepware.com
sales@kepware.com
+1 888-KEPWARE

KEPServerEX | Connectivity Platform

KEPServerEX is the industry's leading connectivity platform that provides a single source of industrial automation data to all of your applications. The platform design allows users to connect, manage, monitor, and control diverse automation devices and software applications through one intuitive user interface. Simply download KEPServerEX, and then select from Kepware's library of more than 150 device drivers, client drivers, and advanced plug-ins to fit the communication requirements unique to your industrial control system.

REQUIREMENTS

Supported Operating Systems

- ✓ Windows 8 and 10
- ✓ Windows 7 Professional/Enterprise/Ultimate
- ✓ Windows Server 2012 and 2012 R2
- ✓ Windows Server 2008 and 2008 R2
- ✓ Windows Vista Business/Enterprise/Ultimate
- ✓ Windows Server 2003 SP2
- ✓ Windows XP Professional SP3 or higher

ABOUT KEPWARE

Kepware Technologies is a software development business of PTC Inc., headquartered in Portland, Maine. Kepware provides a portfolio of software solutions to help businesses connect diverse automation devices and software applications and enable the Industrial Internet of Things. From plant floor to wellsite to windfarm, Kepware serves a wide range of customers in a variety of vertical markets including Manufacturing, Oil & Gas, Building Automation, Power & Utilities, and more. Established in 1995 and now distributed in more than 100 countries, Kepware's software solutions help thousands of businesses improve operations and decision making.

CONTACT INFORMATION

Technical Support

+1 888-KEPWARE x211
technical.support@kepware.com

Sales

+1 888-KEPWARE x208
sales@kepware.com

Training

+1 888-KEPWARE x155
training@kepware.com

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