

OPC Connectivity Suite for KEPServerEX®

The OPC Connectivity Suite is a collection of OPC Data Access (DA), OPC Unified Architecture (UA), and OPC XML-DA client drivers, bundled together for convenience. With the OPC Connectivity Suite, you can access and manage data from OPC DA, OPC UA, and OPC XML-DA servers from a single instance of KEPServerEX—creating one integrated point of connectivity for both modern and legacy data sources.

Features and Performance

- Provides a single, reliable interface to access and manage data from multiple OPC servers on local and remote machines
- Securely tunnels data over LAN, WAN, and Internet via OPC UA, using 256-bit AES encryption
- Converts OPC DA, OPC XML-DA, and OPC UA data into other protocols, such as MQTT or REST
- Supports connection monitoring and reconnect behavior for each OPC server
- Automatic Tag Generation imports OPC server items for easy set-up and configuration
- Optimizes performance, scalability, and reliability with multi-threaded architecture, connection monitoring, and non-blocking asynchronous messaging

Component Drivers

- OPC DA Client
- OPC UA Client
- OPC XML-DA Client

Supported Protocols

- OPC DA Versions 1.0a, 2.0, 2.05a, and 3.0
- OPC UA Version 1.02; supports OPC UA server profiles Nano Embedded, Micro Embedded, Embedded, and Standard
- OPC XML-DA 1.01

Supported Operating Systems

- Windows Server 2016
- Windows 10
- Windows Server 2012 R2 and 2012
- Windows 8
- Windows Server 2008 R2
- Windows 7 Ultimate, Enterprise, and Professional

System Requirements

- 2.0 GHz processor
- 1 GB installed RAM
- 180 MB available disk space
- Ethernet card
- Super VGA (800x600) or higher resolution video

Available Languages

- English
- German
- Japanese
- Simplified Chinese

Current Version

- 6

About Kepware

Kepware’s software solutions connect diverse automation devices and software applications and enable the Industrial Internet of Things.

Kepware’s flagship product, KEPServerEX, is the industry’s leading connectivity platform that leverages OPC and IT-centric communication protocols to provide a single source of industrial automation data to all of your applications. Its platform design allows you to connect, manage, monitor, and control diverse automation devices and software applications through one intuitive user interface.

Business Value

KEPServerEX provides the global connectivity, usability, and performance required by the enterprise—offering competitive benefits that can be experienced from the plant floor to IT to the boardroom.

- IoT-ready, interfacing with on-premise web servers and off-premise Cloud applications for real-time insight into industrial operations
- Compatible with leading hypervisors like VMware and Hyper-V for deployment on public and private clouds
- Integrates with IT applications for visibility into assets on the plant floor at any time and from any location
- Enhanced messaging security via SSL and TLS for secure, authenticated, and encrypted communications across various network topologies
- Advanced application security features to meet site security requirements
- Sophisticated access control to the server, data source, and data values
- Streamlined and reliable connectivity to OPC client applications, including HMI, SCADA, Historian, MES, ERP, and more
- Multiple redundancy options to ensure resiliency, high-reliability, and uptime in critical applications
- Scalable unified architecture, providing the flexibility to combine drivers and consume multiple protocols in a single server
- Streamlined interface for simple installation, configuration, maintenance, and troubleshooting

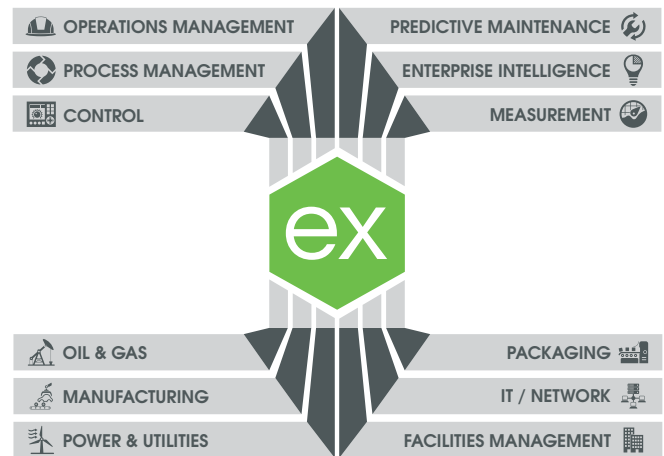
Visit Kepware online to learn more and download free, fully-functioning demonstration software.

Support

Kepware offers pre-sales consultations and a comprehensive service plan to support customers from purchasing to upgrading to troubleshooting. To learn more, please contact Kepware’s Sales team.

Contact Information

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Kepware is a software development business of PTC Inc. located 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.

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