

SNMP Suite for KEPServerEX®

The SNMP Suite for KEPServerEX bundles together the SNMP and Ping drivers for convenient access to Kepware's network management drivers. It enables users to quickly connect, monitor and analyze managed and unmanaged Ethernet network devices in HMI/SCADA, MES, Historian, ERP, custom applications and industrial IoT platforms.

The SNMP Suite supports the Simple Network Management Protocol (SNMP) and the Internet Control Message Protocol (ICMP), offering data collection, device control and network monitoring capabilities. It provides seamless connectivity to any device that can communicate via TCP/IP—enabling users to easily integrate data from network equipment with enterprise-level applications for increased visibility and improved decision-making.

The SNMP Suite also provides deeper insight into network device data. With historical data attributes, Network Analyst tags and RoundTripTime, users can establish network device standards, identify deviations and act on events quicker and more efficiently.

Performance

- Supports SNMP versions 1, 2c, and 3, including SNMP version 3 security
- Supports automatic device discovery to easily locate devices on the network
- Supports Management Information Base (MIB) import
- Pulls device availability status into applications that do not have SNMP-managed devices
- Provides Network Analyst tags to track switches' capacity and utilization
- Offers SNMP Traps for generic and enterprise-specific message notification
- Monitors the time it takes an ICMP message to reach its destination and return a response (RoundTripTime)
- Offers communication serialization and device auto-demotion for optimized communications

Component Drivers

- SNMP Driver
- Ping Driver

Supported Devices

- Alarm management RTUs
- Building control systems
- Device servers
- Environment monitoring equipment
- Managed and unmanaged industrial Ethernet switches
- Printers, scanners and routers
- Gateways and hubs
- Uninterruptible Power Supplies (UPS)
- Unix-based servers and Windows-based PCs and servers

Supported Protocols and Networks

- SNMP
- ICMP

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

Current Version:

- 6

Learn More

Unlisted devices and protocols may also be supported; please contact Kepware for more information.

About Kepware

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

KEPServerEX is the industry-leading industrial 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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