SNMP Driver
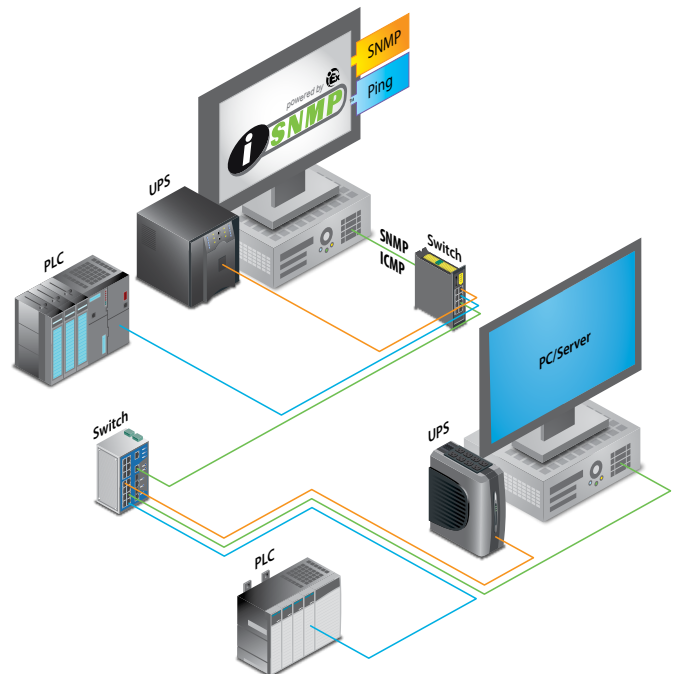## KEPServerEX – Communications Platform

KEPServerEX and the SNMP Driver are flexible and scalable solutions for connecting, managing, monitoring, and controlling automation devices that support the SNMP protocol. Client communications are managed through a robust platform that supports an array of open standards, proprietary communication protocols, APIs, and automation system interfaces. KEPServerEX improves operations and decision-making throughout all levels of an organization.

Driver Features

- Supports the SNMP Protocol (Versions 1, 2C, and 3).

- Supports Any SNMP Agent that Supports the SNMP Protocol (Versions 1, 2C, and 3).

- Supports SNMP Version 3 Security Authentication and Encryption (AES and DES).

- Supports Specialty Tags (such as History, Events, Table Offsets, and ScanFloor).

- Supports the Previous Value, Delta Time, and Moving Average Historical Data Attributes.

- Supports the Events_001, Events_001_001, Events_001_FieldCnt, and Events_Count Tags.

- Supports the _ScanRateFloor and _ScanRateFloorLock Tags.

- Auto-Demotion for Managed or Unmanaged Devices.

- Automatic Device Discovery of Managed Network Devices.

- MIB Import

- Network Analyst Tags

- Runtime Management of Device Polling

- SNMP Trap/Inform Support

- Table Offsets

KEPServerEX

Proven Interoperability

- **150+ Communication Drivers with More than 250 Unique Protocols.**
- **Supports Open Standard Interfaces:**
  - **DDE Formats:** CF_Text, XL_Table, Advanced DDE, and Network DDE.
  - **OPC Alarms and Events (OPC AE):** 1.0 and 1.10.
  - **OPC Data Access (OPC DA):** 1.0a, 2.0, 2.05a, and 3.0.
  - **OPC .NET:** 1.20.2.
  - **OPC Unified Architecture (OPC UA):** 1.01.
  - **Thin-Client Terminal Server:** Windows Remote Desktop.
- **Supports Native Vendor Interfaces:**
  - Wonderware FastDDE & SuiteLink.
  - GE NIO for iFIX.
  - Oracle.
- **Advanced OPC and Channel Diagnostics.**

Centralized Communications

- **Single Server Platform for All Communications.**
- **Consistent, User-Friendly Interface.**
- **Automatic Tag Generation.**
- **CSV Import/Export.**
- **Advanced Tags for Linking and Computations.**
- **Write Optimization and Error Recovery.**
- **Advanced User Management.**

On-Demand Scalability

- **Plug and Play Device Drivers and Communication Options.**
- **Parallel Configuration and Live Operation via Separate Configuration and Runtime.**
- **Multi-Threaded Channel Architecture.**

Industrial Strength

- **OPC Certified Compliance.**
- **Strict Internal Quality and Control Standards.**
- **Endorsed by 15 Top OEMs.**

Requirements

Supported Operating Systems

- ☑ Windows 8
- ☑ Windows 7 Professional/Enterprise/Ultimate
- ☑ Windows Server 2012
- ☑ Windows Server 2008 and 2008 R2
- ☑ Windows Vista Business/Enterprise/Ultimate
- ☑ Windows Server 2003 SP2
- ☑ Windows XP Professional SP2

Minimum PC Hardware Requirements

- ☑ 2.0 GHz Processor.
- ☑ 1 GB installed RAM.
- ☑ 180 MB available disk space.
- ☑ Ethernet Card.
- ☑ Super VGA (800x600) or Higher Resolution Video.

About Kepware

Kepware Technologies is a private software development company headquartered in Portland, Maine. Kepware provides a portfolio of software solutions to help businesses connect diverse automation devices and software applications. From plant floor to wellsite to windfarm, Kepware serves a wide range of customers in a variety of international vertical markets including Manufacturing, Oil & Gas, Building Automation, Power Distribution, 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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