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
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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