



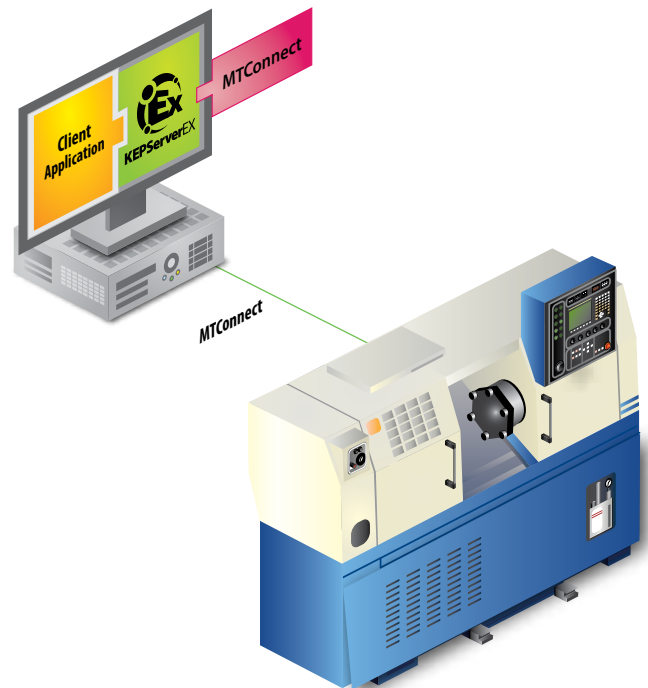
MTConnect Client Driver

KEPServerEX – Communications Platform

Kepware's MTConnect Client Driver for KEPServerEX is a communications interface to MTConnect-compliant agent applications. KEPServerEX's extensive library of communication protocols and client interfaces makes MTConnect data available to users. MTConnect is an Open standard for linking shop floor technologies that furthers the automation industry's goal of seamless manufacturing operation. KEPServerEX is designed to accommodate organizations' evolving communication demands. The MTConnect Standard XML and Internet Protocol technologies provide managers with the factory's real-time data. This provides users the opportunity to develop more efficient operations with improved production optimization and increased productivity.

Driver Features

- Supports the MTConnect V1.1.0 Standard.
- Command Support:
 - Probe: Utilized for automatic tag generation.
 - Current: Current value of a data item.
- MTConnect Data Item Sets.
 - Event, Condition, Sample and Stream.
- Support for 100 Unique Communication Channels.
- Support for 256 MTConnect Agents per Channel.
- Automatic Device/Agent Discovery.
- Automatic Tag Generation.
- Automatic Device Demotion.



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.
- Media Level Redundancy.
- Endorsed by 15 Top OEMs.

Requirements

Supported Operating Systems

- ✓ Windows 7
- ✓ Windows Server 2008
- ✓ Windows Vista Business/Ultimate
- ✓ Windows Server 2003 SP2
- ✓ Windows XP 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, established in 1995, develops a wide range of communication and interoperability software solutions for the Automation industry. Our reliable, user-friendly, high-performing applications connect disparate software and hardware systems. Communications are managed through robust software platforms that support an array of open standards, propriety communication protocols, APIs, and automation systems' interfaces. We strive to deliver ideal-fit solutions that are designed and tested to meet the demands of industrial automation applications. Our quality software applications improve operations and decision-making throughout all levels of an organization. Kepware Technologies' mission is to become "Your Standard for Connectivity."

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