



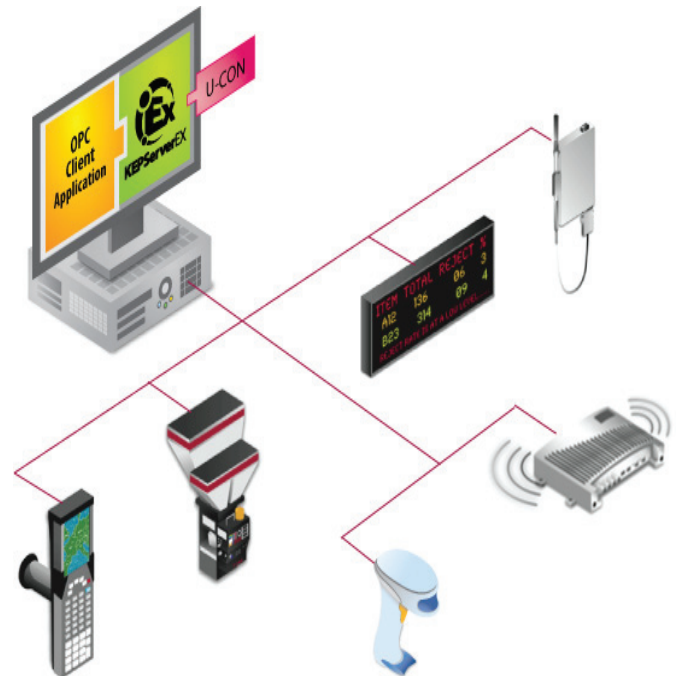
U-CON (User-Configurable) Driver

KEP Server EX – Communications Platform

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

Driver Features

- Supports Dialup Modem Features for Serial Device Connections.
- Supports Up to 100 Concurrent Serial Port and Network Interface Card (NIC) Configurations.
- Supports Ethernet Encapsulation.
- Supports the NumericID and StringID Models.
- Supports Solicited and Unsolicited (Master/Slave) Modes.
- Supports Function Blocks.
- Supports Global, Scratch, Rolling, and Initialization Buffers.
- Supports Event Counters and Buffer Pointers.
- Supports the Direct Scaling of Device Data.
- Supports Error Recovery, Adjustable Timeouts, and Write Optimizations.
- Allows Custom Creation of Device Drivers for Ethernet or Serial Devices.
- Contains a Robust Communication Diagnostics System with Protocol Display.
- Provides a Range of Formatting Options that Allow Data to be Sent and Received in Packed Binary, ASCII, ASCII Hex, and Simple Text Formats.
- Has the Ability to Run as a Service Under Windows NT/XP/2000/2003.
- Has a Multi-Threaded Design for Optimum Performance.



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 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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