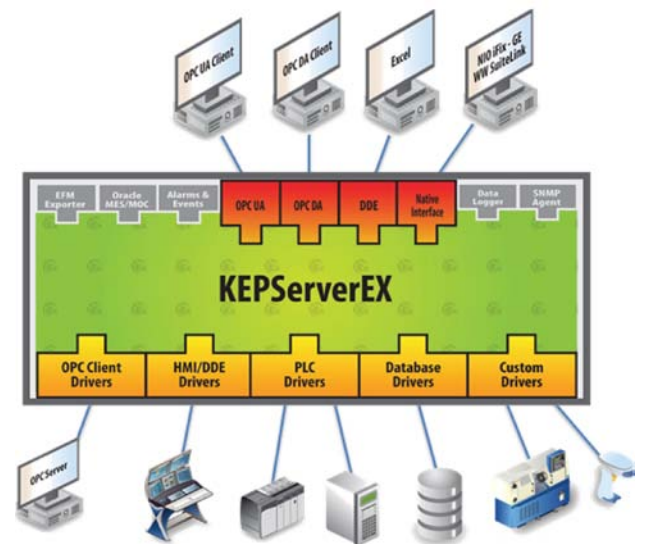# Manufacturing Suite for KEPServerEX

The Manufacturing Suite for KEPServerEX provides single license access to over 100 drivers, supplying connectivity to the most common industrial automation devices and applications. KEPServerEX delivers a powerful, comprehensive interface whose centralized platform simplifies the management of automation communications. Leveraging the Manufacturing Suite enables users to improve operations and increase efficiencies throughout all levels of an organization.

Included Drivers

- Driver connectivity to devices by leading automation equipment manufacturers, including:

  - Allen-Bradley
  - Analog Devices
  - Aromat
  - AutomationDirect
  - Beckhoff
  - BUSWARE
  - Contrex
  - Cutler-Hammer
  - Dataforth
  - Fuji Flex
  - GE
  - Hilscher Universal
  - Honeywell
  - IA Super SEL
  - Idec
  - IOtech
  - KraussMaffei
  - Mettler Toledo
  - Micro DCI
  - Mitsubishi
  - Modbus
  - MTConnect
  - Omron
  - Optimation
  - Opto 22
  - Partlow
  - Philips
  - SattBus
  - Scanivalve
  - Siemens
  - Simatic
  - SIXNET
  - SquareD
  - ThermoWestronics
  - TIWAY
  - Torque Tool
  - Toshiba
  - Toyopuc
  - Uni-Telway
  - WAGO
  - Yaskawa
  - Yokogawa

- Driver connectivity to leading OPC, HMI, and DDE software, including:

  - DDE Client
  - OPC DA Client
  - OPC UA Client
  - Wonderware InTouch Client

- Driver connectivity to leading custom or unsupported protocols through:
  - Custom Interface Driver
  - User-Configurable Driver

- Connectivity to poll leading database applications (such as MySQL, Access, and Oracle) through:
  - ODBC Client Driver

- Unsolicited/slave connectivity to leading devices, including:
  - Allen-Bradley ControlLogix
  - Allen-Bradley Ethernet
  - Modbus Ethernet
  - Modbus RTU
  - Siemens TCP/IP

- System implementation and management tools through:
  - Memory Based Driver
  - Advanced Simulation Driver
  - System Monitor Driver

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 Microsoft Operating Systems

- ☑ Windows 7 Professional, Enterprise, and Ultimate
- ☑ Windows Server 2008
- ☑ Windows Server 2008 R2
- ☑ Windows Vista Business, Enterprise, and Ultimate
- ☑ Windows Server 2003 (Service Pack 2)
- ☑ Windows XP Professional (Service Pack 2)

Minimum PC Hardware Requirements

- ☑ 2.0 GHz Processor
- ☑ 1 GB installed RAM
- ☑ 180 MB available disk space
- ☑ Ethernet Card

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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