



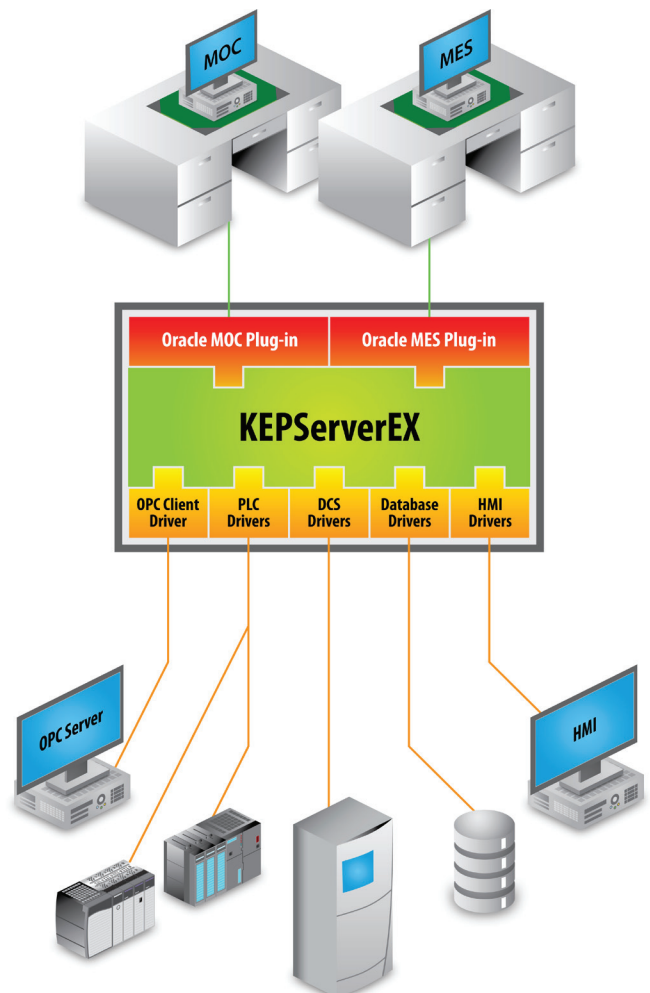
Oracle MES/MOC Connector

KEPServerEX – Communications Platform

The Oracle MES/MOC Connector application sends data to an Oracle Database that is configured for MES or MOC processing. It is tightly integrated with KEPServerEX and allows plant process data to be gathered in real-time for analysis without a Third-Party collection system. KEPServerEX improves operations and decision-making throughout all levels of an organization.

Application Features

- Provides Powerful Math Operators (Such As Counters, Timers, and Accumulators). This Allows of Plant Floor Data to be Collected and Aggregated for Business Analytics.
- Provides Powerful Logic Operators and Data Tests for Variable Generation and Storage (Based on Times or Conditions). This Ensures that Parameters Are Collected Under the Circumstances Necessary for Oracle Analytics.
- Provides a Direct Interface to Oracle's MES Solution. Additional Configuration, is not required, Besides Selecting Variables to Send).
- Supports Basic RDB, MES, and MOC Connectivity.
- Supports Standard Communications to Thousands of Devices Through More than 130 Protocols.
- Supports Custom Communications to Virtually Any Simple Serial or Ethernet Protocol Through the U-CON (User-Configurable) Driver.
- Supports Transaction Buffering.
- Allows Flexible Triggering to be Completed on a Fixed Time Basis or Through Trigger Conditions.
- Supports Data Retention.
- Supports Error Recovery.



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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