

Custom Interface

SKU: KWP-CUSID0-PRD

The Custom Interface driver for KEPServerEX is the ideal solution for quickly and easily adding proven interoperability to custom integration projects—from small applications with one deployment to professional packages for industry-wide deployment. The Custom Interface driver provides an additional interface to KEPServerEX (like a communications driver) that enables secure and reliable communications between KEPServerEX and CID-compliant software solutions (the CID Application). KEPServerEX delivers data via a wide range of client interfaces, including certified standards like OPC and native interfaces for Oracle, Wonderware, GE Intelligent Platforms, and other industry-leading manufacturers. Now, third-party solutions can interface with and control your CID Application through interfaces delivered and supported by Kepware.

Features

- Relies on "developer known" Shared Memory standards and constructs
- Supports XML-based Memory Map definition
- Supports mutex locking for memory access
- Supports timeouts for error checking
- Provides max processing values to avoid excessive blocking
- Has the ability to define up to 2 gigabytes of Shared Memory (which is the only application interaction)
- Can coordinate processing through handshakes:
 - Read Requests
 - Write Requests
- Has the ability to develop in any language that supports the Windows API
- Supports all standard data types and data arrays, including:
 - Boolean, Byte, Character, Word, Short, DWord, Long, Float, Double, BCD, LBCD, Date, String, Array
- Supports auto-configuration of the KEPServerEX project by the CID Application
- Supports auto-configuration through an XML file import
- Integrates CID Application error codes with the KEPServerEX Error Log

Application Support

- OPC Data Access (OPC DA) Versions 1.0a, 2.0, 2.05a, and 3.0
- OPC Alarms and Events (OPC AE) Version 1.10
- OPC Unified Architecture (OPC UA) Version 1.01
- SuiteLink and FastDDE for Wonderware
- NIO Interface for iFIX
- DDE Format CF_Text and AdvancedDDE

Additional Tech Info

- Does not require additional toolkits
- Has the ability to develop in any language that supports the Windows API
- Enables CID Applications to:
 - leverage all standard and native client interfaces supported by KEPServerEX
 - benefit from advanced options for KEPServerEX (like DataLogger and Advanced Tags) and other Kepware software applications (like LinkMaster, RedundancyMaster, and ClientAce)
 - instantly enjoy proven compatibility with Kepware OEMs
 - leverage Kepware's Certified OPC status

Featured Suites

- Building Automation Suite
- IT and Infrastructure Suite
- Manufacturing Suite
- Oil and Gas Suite
- Power Suite