

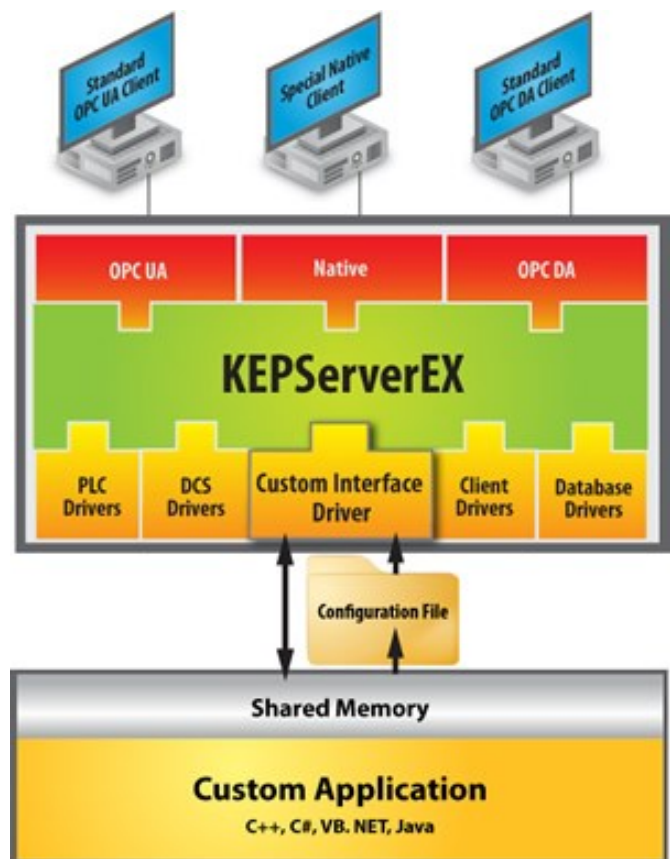


"THE WORLD LEADER IN COMMUNICATIONS FOR AUTOMATION"

1-207-775-1660

Custom Interface Driver - CID

CID (Custom Interface Driver - Patent Pending) is the ideal solution to quickly and easily add proven interoperability to any of your custom integration projects, from small applications with one deployment, to the delivery of professional packaged for deployment industry wide. The Custom Interface Driver is an additional interface to KEServerEX, like a communications driver, enabling easy, secure and reliable communications between KEServerEX and your CID compliant software solution (the CID Application). The CID enables your data to be delivered through KEServerEX, this allows KEServerEX to treat your information as it does with other data. KEServerEX delivers your data through its wide range of client interfaces including certified standards such as OPC, and native interfaces for companies like Oracle, Wonderware, GE Intelligent Platforms (GE Fanuc) and others. Now leading third party solutions can interface with, and control your CID Application through interfaces delivered, proven and supported by Kepware.



The Custom Interface Driver is also included in the following:

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

CID Features:

- Relies on "Developer Known" Shared Memory Standards and Constructs
- XML Based Memory Map Definition
- Mutex Locking for Memory Access
- Timeouts for Error Checking
- Max Processing Values to Avoid Excessive Blocking
- Definition of Up To 2 gigabytes of Shared Memory
- Coordination of Processing through Handshakes
 - Read Requests, Write Requests
- Develop in Any Language that Supports the Windows API
- Highly Reliable with Shared Memory as Only Application Interaction
- Free Sample Projects for Microsoft Visual Studio 2008 in C++
- Supports all Standard Data Types and Data Arrays
 - Boolean, Byte, Character, Word, Short, DWord, Long, Float, Double, BCD, LBCD, Date, String, Array
- Auto-Configuration of the KEPServerEX Project by the CID Application
- Auto-Configuration through an XML File Import
- Robust Tag Definition
 - Tag Name, Description, Scan Rate, Scan Floor, Data Type, Read/Write Access, Data Quality, Timestamp

- CID Application Error Codes Integrated with KEPServerEX Error Log
- KEPServerEX Integrated - CID Application Identification, Operation, Support, and Contact Information
 - Company Name, Phone, Email, Web, Launch and Help Information

CID Benefits

- No Toolkits to Purchase or Learn - Just Leverage KEPServerEX
- CID Applications Leverage All KEPServerEX Standard and Native Client Interfaces
 - OPC, OPC-UA (Future), DDE, Oracle, Wonderware, GE Intelligent Platforms (GE Fanuc), etc.
- CID Applications Benefit from KEPServerEX Options and Add-ons
 - DataLogger, Advanced Tags, LinkMaster, RedundancyMaster, ClientAce
- CID Applications Instantly Enjoy Proven Compatibility with Kepware OEMs
- CID Applications Leverage Kepware's Certified* OPC Status
- CID Applications can use the "Connected with Kepware" Logo
- CID Applications can be Marketed by Kepware

Requirements

- Develop in Any Language that Supports the Windows API

Application Support

- OPC Data Access (OPC DA) Versions 1.0a, 2.0, 2.05a, 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

CID Program:

CID compliant applications can be listed on the Kepware Website, complete with Company, Application, and Access information. You will be enrolled in the "Connected with Kepware" program and can use the logo. Let Kepware be your partner in creating the market for your products.

1. Evaluate

2. Develop

3. Market

View the members of the CID Solution Directory and get access to their CID Applications. Become an ISV and Join the Development Community - Get Connected with CID

Additional Information and Resources:

- KEPServerEX Features
- KEPServerEX Support
- KEPServerEX Revision History
- U-CON Profile Exchange
- U-CON Development Sign Up
- System Integrator Database
- System Integrator Sign Up

Drivers "Plug-in" to KEPServerEX

The Custom Interface Driver is a plug-in device driver for KEPServerEX. A "Plug-in" is a software program (.dll) that extends the capabilities of KEPServerEX to fit the communication requirements of a specific device or system. The plug-in driver handles all of the proprietary communications between the device/system and the OPC layer, KEPServerEX. The KEPServerEX core then handles all OPC and Proprietary Client communications between the plug-in driver and the Client application. For a complete list of features and capabilities please visit the KEPServerEX overview page.

- OPC Foundation Certified - The Best of OPC on the Market
- High Performance - Multi Threaded - Runtime Configurable
- Detailed Protocol Diagnostics - Communications Trace
- Detailed OPC Diagnostics - Communications Trace
- Native Interfaces - Client Connectivity Beyond the OPC Standards
- Stratus High Availability Computing - Certified
- Marathon High Availability Computing - Certified
- Kepware 2 Hour Demonstration Mode on all Products

**KEPServerEX**