User Configurable (U-CON)
SKU: KWP-UCOND0-PRD

Product Overview

The User-Configurable (U-CON) driver for KEPServerEX allows users to quickly and easily create a device driver for serial and Ethernet devices for which an off-the-shelf driver is not available (including barcode readers, weigh scales, various sensors, and RTUs). Its intuitive interface was designed for the non-programmer. Users only need a basic knowledge of protocols, the protocol manual, and the device to get started. OPC and other proprietary client interface technologies are handled within KEPServerEX, simplifying client-side communications. The U-CON driver supports all feature sets available within the KEPServerEX communications platform.

Features

- Supports Function Blocks
- Supports Solicited and Unsolicited Modes (Master/Slave)
- Supports Global, Scratch, and Initialization Buffers
- Supports Event Counters
- Supports up to 100 concurrent serial port and Network Interface Card (NIC) configurations
- Supports error recovery, adjustable timeouts, write optimizations
- Ensures optimum performance through multi-threaded design
- Includes built-in Ethernet Encapsulation for device/terminal server connections
- Includes dialup modem features for serial device connections
- Includes robust communication diagnostics system with protocol display
- Allows on-the-fly changes with full-time online operation
- Supports direct scaling of device data, which allows raw device data to be converted to engineering units for OPC client applications

Additional Tech Info

PROTOCOL REQUIREMENTS

In order to create a profile, you must first obtain protocol documentation from the device manufacturer. Many hardware vendors will provide the protocol documentation with the device or will post it as a PDF on their website. Be sure to have the device model number and be ready to determine whether your device has either a serial or Ethernet option.

The U-CON driver's Transaction Editor uses a menu-driven interface that allows the configuration of read and write transactions (data packets) to establish runtime communications with the device. After you create these transactions, upload them as tags in KEPServerEX, Kepware's reliable and field-proven communications platform.

Featured Suites

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