

Universal Device Driver

SKU: KWP-UNVDD0-PRD

The Universal Device Driver accelerates creating user-defined custom driver profiles using Javascript enabling greater visibility to Tier 2 and Tier 3 niche manufacturing devices including barcode readers, weigh scales, various sensors and RTUs. The introduction of a self-describing and generic development framework and scripting engine gives the writer flexible control over managing driver aspects like basic communication types as well as build and parse messaging.

Users need a basic knowledge of Javascript, Ethernet based protocols, the protocol manual, and the device to get started. OPC and other proprietary client interface technologies are handled within Kepware, simplifying client-side communications.

Features

- Support for solicited (request-response) TCP Profiles
- 1024 total channels - one device per channel

ADDITIONAL TECH INFO

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.

Installing UDD adds three new components to the Kepware server: Profile Library Plugin, Universal Device Driver and the Script Engine Service.

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
- OPC .NET Service (OPC .NET) Version 1.00
- SuiteLink and FastDDE for Wonderware
- NIO Interface for iFIX
- DDE Format CF_Text and AdvancedDDE