

# Omni Flow Computer

## SKU: KWP-OMNIF0-PRD

### Product Overview

The OMNI Flow Computer driver for KEPServerEX provides the ability to communicate with the OMNI 3000 and 6000 family of flow computers. It supports both real-time communications and Electronic Flow Measurement (EFM) for historical data. For real-time only communications, the OMNI Flow Computer driver can be purchased individually or as part of the Oil and Gas Suite. For applications requiring EFM and real-time communications, the OMNI Flow Computer driver can be purchased as part of the EFM Suite. EFM capabilities include scheduling and exporting EFM History, Alarms, and Events data to industry standard and custom formats.

### Features

- Supports up to 256 communication channels
- Communication Serialization
- Supports OMNI Security with Password Protection
- Supports Archive Access Methods 1 & 2
- Supports on-the-fly, user-configurable Read Block Sizes
- Supports adjustable RTS Flow timing for Radio Modems
- Supports a Scan Mode setting for controlling client polling
- Device auto-demotion
- Media Level Redundancy
- Supports Strings
- Supports Ethernet Encapsulation
- Modem Support
  - Automatic dial configuration
  - Multiple phone number management

### Protocols

- Omni Modbus

### Supported Devices

- Omni Flow Computer 3000
- Omni Flow Computer 6000

### 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

### Additional Tech Info

#### ***DRIVER FEATURES (WHEN PART OF THE EFM SUITE)***

- Support for Gas and Liquid (Electronic Flow Measurement) (EFM)
- EFM Configuration and Mapping
  - History, including hourly and daily Gas Chromatograph data
  - Batch
  - Liquid Product
  - Alarms
  - Events

## **Featured Suites**

- Oil and Gas Suite
- EFM Suite