

Weatherford 8500

SKU: KWP-WFORD0-PRD

Product Overview

The Weatherford 8500 driver enables the monitoring of real-time data and immediate control of Rod Pump Controller (RPC) devices and other Weatherford controllers used at wellhead facilities. It provides an easy and reliable way to read and write data to Weatherford series devices via the Weatherford 8500 protocol through client applications (including HMI, SCADA, Historian, MES, ERP, and countless custom applications).

Features

- Supports up to 256 communication channels and up to 4095 devices/controllers
- Supports data acquisition for Downhole Dynagraph data
- Supports event directory retrieval
- Supports surface and downhole card retrieval
- Supports valve check data item syntax
- Supports Advanced Statistics Tags, including _CommFailures, _ErrorResponses, and more
- Optimized for extreme conditions (noisy communication channels and low-bandwidth).
- Ethernet Encapsulation
- Modem Support
- Automatic Tag Generation
- Automatic Device Demotion
- Channel Virtualization/Serialization
- Device Level and Communications Path Based Redundancy.
- Communication Serialization

Protocols

- Weatherford 8500 Protocol

Supported Devices

- WellPilot RPOC
- WellPilot/ePIC VSD
- ePIC RPC
- M2000
- 8800
- 8750
- 8500/8650

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

Featured Suites

- Oil and Gas Suite