

WITS Suite

SKU: KWP-WITSS0-PRD

Component Drivers

- WITS Level 0 Active
- WITS Level 0 Passive

Features

SUPPORTED DEVICES, EDR, LWD, MWD, AND OTHER INTEGRATED SYSTEMS

- Anadrill
- APS Technology SureShot
- Baker Hughes
- BlackStar Electromagnetic Tools
- Canrig Rigwatch
- Departure Energy Services MWD
- Dynamic Drilling Systems
- Erdos Miller
- EPOCH Rigwatch
- Extreme Engineering
- Forerunner Technology Drilling Sensors
- Geospect Instruments
- GeoSteering RIGCOMMS
- iBall Instruments Bloodhound
- Mudlogging Systems MControl
- NOV Amphion Rig Tool Controllers
- NOV RigSense
- Pason - EDR
- Schlumberger MWD and PowerDrive RSS (via MAXWELL software)
- TookeDAQ
- Weatherford

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

WITS Level 0 Active

Product Overview

The WITS Level 0 Active driver for KEPServerEX is used for the transfer wellsite data from one computer system (such as a Measurement While Drilling [MRD] device) to HMI, SCADA, and OPC client applications. Exploration and production service and operating companies are able to monitor real-time data like compass direction, borehole pressure, temperature, vibration, shock, torque, and more.

Features

- Ethernet Encapsulation
- Support for up to 256 channels
- Single device per channel (peer to peer)
- Supports all pre-defined WITS Code Numbers
- Supports undefined WITS Code Numbers
- Supports the Short, Long, DWord, Float, and String data types
- Supports WITS Code Number-based address syntax

Protocols

- WITS Level 0 Active (solicited)

Supported Devices

- APS Technology SureShot
- Anadrill
- Baker Hughes
- BlackStar Electromagnetic Tools
- Canrig Rigwatch
- Departure Energy Services MWD
- Dynamic Drilling Systems
- EPOCH Rigwatch
- Erdos Miller
- Extreme Engineering
- Forerunner Technology Drilling Sensors
- GeoSteering RIGCOMMS
- Geospect Instruments
- Mudlogging Systems MControl
- NOV Amphion Rig Tool Controllers
- NOV RigSense
- Pason - EDR
- Schlumberger MWD and PowerDrive RSS (via MAXWELL software)
- TookeDAQ
- Weatherford
- iBall Instruments Bloodhound

WITS Level 0 Passive

Product Overview

The WITS Level 0 Passive driver for KEPServerEX is used for the transfer wellsite data from one computer system (such as a Measurement While Drilling [MWD] device) to HMI, SCADA, and OPC client applications. Exploration and production service and operating companies are able to monitor real-time data like compass direction, borehole pressure, temperature, vibration, shock, torque, and more.

Features

- Ethernet Encapsulation
- Support for up to 256 channels
- Single device per channel (peer to peer)
- Supports all pre-defined WITS Code Numbers
- Supports undefined WITS Code Numbers
- Supports the Short, Long, DWord, Float, and String data types
- Supports WITS Code Number-based address syntax

Protocols

- WITS Level 0 Passive (unsolicited)

Supported Devices

- APS Technology SureShot
- Anadrill
- Baker Hughes
- BlackStar Electromagnetic Tools
- Canrig Rigwatch
- Departure Energy Services MWD
- Dynamic Drilling Systems
- EPOCH Rigwatch
- Erdos Miller
- Extreme Engineering
- Forerunner Technology Drilling Sensors
- GeoSteering RIGCOMMS
- Geospect Instruments
- Mudlogging Systems MControl
- NOV Amphion Rig Tool Controllers
- NOV RigSense
- Pason - EDR
- Schlumberger MWD and PowerDrive RSS (via MAXWELL software)
- TookeDAQ
- Weatherford
- iBall Instruments Bloodhound