

RigSense

Electronic drilling recorder



The M/D Totco™ RigSense™ electronic drilling recorder (EDR) reaches far beyond basic instrumentation with its flexible touchscreen interfaces and multifunction displays. Much more than just a drill floor monitor, it allows the drillers to configure screens to display drilling information that best suits their needs. Data can be viewed numerically and/or in graphs with alarm conditions indicated by prominent yellow and red backgrounds along with audible alarms. Alarm parameters are easily modified for changing conditions and rig activity, allowing drillers to proactively manage the drilling process before problems occur. Along with standard instrumentation screens, our EDR also includes an integrated Kick Monitoring Display, IADC reporting, auto driller controls, messaging, and a directional drilling and survey management tool set, all backed by our 24/7 global support network.



Increase
efficiency



Improve
safety



Enhance
visibility



Collaborate
Seamlessly

Features

Comprehensive monitoring operations at your fingertips

- Customizable graphs to view time or depth plots
- Directional survey management
- Customizable alarms for enhanced safety based on current operations
- Unlimited channels with one-second data resolution
- User-created calculated channels allow customers to implement their own calculations to derive new data
- User-created Roadmap Channels plot offset well or plan data next to live channels for direct comparison
- Integrated trip tracking

Collaboration anytime, anywhere

- With workstations setup across the rig, critical information is readily available to key personnel
- Paired with WellData™, WellData Real-Time, and MobileRT remote drilling monitoring, customers have up to the second visibility into rig operations
- Messaging system allows communication between both rigsite personnel and office or mobile users

Seamless product integration

- Integration with NOV controls (NOVOS, Amphion)
- Industry standard protocols (WITS, WITSML, Modbus, OPC)
- Integrated reporting suite with IADC and contractor operational reports
- e-Wildcat™ 2.0 electronic auto driller controls for conventional rig automation
- Integration with WellData provides secure data storage and visibility to rig operations for offsite customers
- Engine Monitoring automatically pulls diagnostic trouble codes from the engine and imports them as EDR notes
- Integration with KMD kick monitoring detection system
- Integration with KAIZEN™ intelligent drilling optimizer
- Integration with cerT&D™ torque and drag feature

Your Data – Made Easy™