

# Active LTMS



Active LTMS uses wireless data acquisition to monitor the position and tilt angle of the top drive's links during operation. By providing real-time data to the driller regarding the position of the links, Active LTMS helps to prevent potential collisions on the drill floor.

Patent-pending technology optimizes battery life by efficiently redirecting capacity toward priority tasks and automatically entering sleep mode when not in use. The modular system approach separates the power source, radio transceivers, and sensor bus using connectorized, quick-disconnect cabling.

For new rig crews or new drillers, Active LTMS provides critical information that not only protects equipment but also ensures consistent uptime and cost savings.



## Features and Benefits

- Positive indication of top drive link position
- Wireless data acquisition
- Low power requirements
- Long battery life
- Quick startup in all temperatures
- Reliable long-range signal
- Easy to incorporate new signals
- Intrinsically safe
- Modular
- Quick-disconnect cabling

## Applications

- Encoder position
- Inclination angle
- Proximity sensing
- Pressure sensing
- Torque/bending/hook load sensing
- Vibration monitoring
- Shock monitoring
- Load-pin monitoring