



DRILLHUB™

LIVE SURFACE-BASED MEASUREMENTS WHILE DRILLING

DRILLHub™ provides surface-based Measure While Drilling (MWD) information and links downhole Logging While Drilling (LWD) geophysics sensors to the connected world.

DRILLHub™ provides immediate insights from live drilling parameters; upgrade from primary machine-level MWD data to reliable, transferable, and ultimately usable data streams that can be analysed against time and depth.

orica.com/drillhub



Reduce operating costs



Improve productivity



Improve safety



Improve orebody knowledge

DRILLHub™ can deliver sustainable improvements that:

- Enhance operational efficiency – knowing where and what the drill is doing in real-time
- Increase reliability through performance monitoring
- Optimise safety inspection intervals by maintaining to actual conditions measured
- Helps facilitate better decision-making through geological insights from the drilling parameters

REAL-TIME DRILL STATE MONITORING

Improve operational efficiency through the live dashboard of drill performance data for every rig in the fleet and any given hole. Site geologists can call end of hole once the drill has exited the mineralisation without physically being present at the rig, reducing operating costs.

LOG AND TRANSMIT KEY DRILLING PARAMETERS ACROSS MULTIPLE DRILL TYPES

DRILLHub™ is an agnostic rig equipment that produces comparable drilling parameters across drills and drill types. Capable of various connectivity methods such as WiFi, 3G/4G and satellite to ensure data is delivered as quickly as possible.

ADVANCED PRODUCTS EDGE COMPUTING

Advanced product data can be computed on the drill, enabling real-time decision-making, even without connectivity to the cloud. This allows the identification of potential subsurface cavities and immediate decision-making at the drill.

PREVENTATIVE MAINTENANCE PLANNING

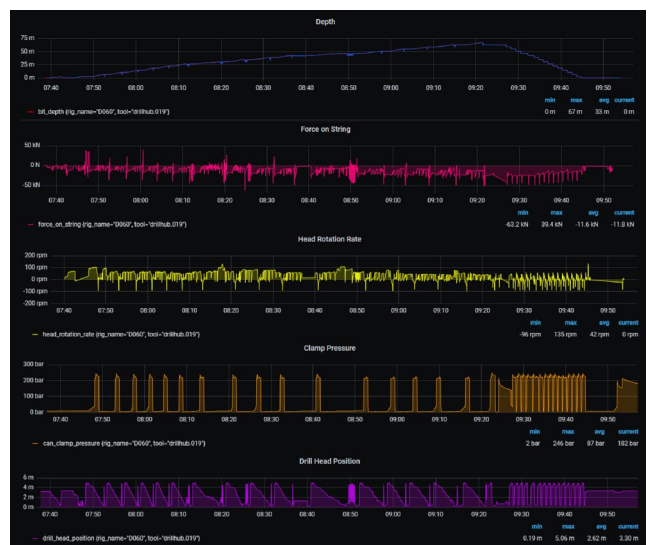
Real-time monitoring of critical sensors allows timely identification of abnormalities and scheduling of preventative maintenance to avoid costly breakdowns. Alarms and notifications can be set to trigger safety inspections for events where predefined safety limits are exceeded.

ENABLING DOWNHOLE GEOPHYSICS WHILE DRILLING (GWD)

DRILLHub™ works in concert with the DRILLMax™ GWD tool to obtain drilling parameters downhole at the bit, offering a complete understanding of the drilling dynamics for coaching and training of drill crews while providing geological insights.



DRILLHub™ live user interface helps users to better plan field operations in real-time.



Investigate abnormal situations and review hole-by-hole performance with DRILLHub™'s time-based measurements interface.

To learn more about DRILLHub™ and how it can support your operations today, please contact your local Orica representative, or visit orica.com/drillhub

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