Advanced Fingerboard Latch Monitoring

Salunda Latch Hawk® protects crew and assets from dropped pipe and ghost pipe incidents.

www.salunda.com

Real-Time Latch Monitoring

Latch Hawk® protects crew and assets from pipe handling incidents.

In real-time, it delivers direct confirmation of individual fingerboard latch status directly to the drillers cabin - eliminating the need for dedicated spotters and preventing dropped objects, serious pipe handling incidents and costly downtime.

Latch Hawk is a network of long-life, retrofit wireless sensors operating on Salunda's zone certified Hawk network.

This low latency, high capacity network is proven to accurately and reliably deliver the deterministic status of every latch, instantly alerting the driller to unsafe latch conditions.

Optionally, Latch Hawk seamlessly integrates with OEM control systems to trigger alarms from within the control system HMI, and interlock the pipe racker during unsafe conditions.

Latch reliability is commonly affected by air leaks and seized parts due to distortion, salt spray, cement or drilling mud. This can cause the fingerboard to malfunction, leading to a mismatch between latch command and actual latch status.

Traditionally, drillers rely on visual inspection to confirm latch status.

Human error can lead to a conflict between command status and latch position, risking dropped objects and other serious pipe-handling incidents.

With many thousands of sensors installed, Latch Hawk is proven to boost safety and efficiency in drilling and tripping operations by reducing pipe handling incidents and improving fingerboard reliability by up to 80%.

Latch Hawk®

Hawk Analytics

IECEx | IEC | Ex | INMETRO | MET c us

Certified for Zone 2

Predictive Maintenance

Hawk Analytics is a comprehensive suite of analytical dashboards which provide asset owners with the data driven insights required to deliver significant improvements in fingerboard performance and reliability.

Compare fingerboard performance across your fleet, leverage interactive maintenance dashboards to identify failed and suspect latches, drill down into individual latch history and spot issues before they escalate.

Hawk Analytics enables the implementation of targeted, proactive, and predictive maintenance schedules which reduce costly downtime, protect assets and eliminate serious incidents due to fingerboard and latch failures.

Rapid Installation

Each sensor is designed to fit the nominated latch type, a unique locking screw mechanism provides secondary retention and can be retrofitted to existing latches in seconds without any downtime.

Latch Hawk is proven to deliver outstanding in-service reliability, with minimal maintenance burden.

OEM Integration

Latch Hawk seamlessly integrates with major drilling control systems, such as Cyberbase, Amphion, and Drillview.

With OEM integration, Latch Hawk alerts the driller from within the control system HMI and the pipe racker is interlocked when unsafe fingerboard latch conditions exist.
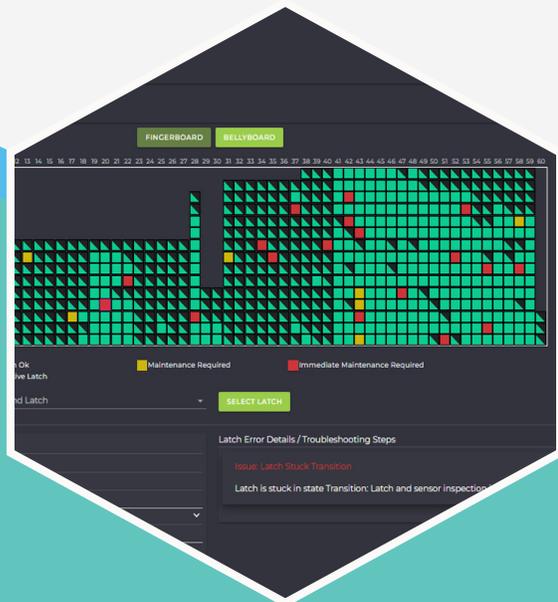
Prevent Drops

Identify Faulty Latches

Remove Spotter

Reduce NPT

Monitor | Alert | Interlock

Contact Us

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