

Rig Cadence



Rig performance - optimized

Using predefined benchmarks and thresholds, Rig Cadence can detect deviations from crew and machine performance early in the process - and provide corrective solutions to fix the issues. It offers real-time onshore monitoring, analysis, and customized reporting of pipe-handling operations—including tripping in, tripping out, and drilling connections.

Use Rig Cadence to make corrective actions in a more timely manner and optimize tripping operations with prompts to personnel – reducing unexpected downtime and maximizing output. By breaking the complete tripping sequence down into individual steps and measuring the impact of performance gaps, Rig Cadence performs continuous root analysis of pipe handling performance. Once the gaps have been identified, Rig Cadence provides recommendations to avoid excess motion and optimize operations.

Rig Cadence requires minimal rig control upgrades at the rig. Updated software typically includes PLC/SBC, Data Logger, and network configuration.

Features and benefits:

- Rig Cadence provides a user-friendly interface to monitor the performance of equipment, pipe handling processes, and crews. Operators can access data from any browser.
- Data can be used to compare your operations' performance against the equipment's design capability or industry benchmarks.
- Personalize your experience by incorporating crew schedules, performance benchmarks, and automated notifications for each rig into the dashboard.
- The advanced capabilities of Rig Cadence software, and the expertise of NOV's analytics team, provide detailed, rig-specific performance analysis. We work with your crew to configure benchmarks, crew schedules, and notifications to continuously monitor your rig's pipe handling equipment performance.
- If an issue is identified, our team will perform an analysis of performance deviations to identify the cause and establish a path to resolution.