

H&P Remote Operations Centers (ROC)

H&P's Remote Operations Centers (ROC) serve as a real-time, globally connected extension of the rig floor, combining live operational data, automation and drilling expertise to actively support drilling performance across the fleet.

Operating continuously across multiple centers worldwide, the ROC provides 24/7 expert coverage, ensuring drilling support is always available regardless of time zone, geography or operational location.

Rather than functioning as a passive monitoring center, the ROC operates as a distributed layer of drilling expertise that actively influences operational outcomes in real-time.

What the ROC Does

► Delivers Consistent Execution at Fleet Scale

The ROC provides continuous remote directional drilling support, enabling consistent wellbore placement and optimized toolface control through automation and advanced control systems.

By supporting automated directional workflows at fleet scale, the ROC helps reduce variability between rigs and crews while maintaining repeatable execution across complex well programs.

► Resolves Issues Faster with Live Expert Support

Survey management is a core ROC function, ensuring accurate wellbore positioning through continuous monitoring and rapid correction of survey data.

Real-time survey corrections improves positional accuracy, strengthens anti-collision integrity and enables tighter well spacing with higher confidence in wellbore placement.

► Drives Performance Through Continuous Operational Intelligence

The ROC acts as a drilling performance intelligence layer, combining historical analysis, trend monitoring and operational oversight support.

Performance insights are used to identify repeat failure modes, improve operating practices and feed lessons learned directly back into live field execution.

► Mitigates Mechanical Risk Before It Becomes NPT

Through mechanical modeling and real-time torque and drag analysis, the ROC actively supports high-risk sections and complex well profiles.

This capability enables early identification of mechanical risks, helping reduce non-productive time associated with stuck pipe, stalls and downhole failures.

► Global, Always-On Coverage

The ROC operates as a distributed global network, providing continuous 24/7 drilling support across regions and time zones. Operators get uninterrupted access to H&P expertise, no matter where or when they are drilling.



Why the ROC Matters to Operators

- ▶ **Consistency at Scale:** The ROC embeds best-practice drilling expertise directly into operations, reducing performance variability between rigs, crews and regions. Operators get predictable execution regardless of asset or geography.
- ▶ **Faster Decision-Making:** With live data streams, remote experts and automated analytics, drilling decisions are made faster and with stronger technical context than traditional rig-only models.
- ▶ **Reduced Non-Productive Time:** Continuous monitoring and expert intervention directly target operational risks such as:
 - ▶ Motor Stalls
 - ▶ Survey Errors
 - ▶ Toolface Inefficiencies
 - ▶ Repeated Failure Modes
- ▶ **Improved Wellbore Quality:** Real-time directional control, survey accuracy and mechanical risk management contribute to better wellbore placement, smoother profiles and improved deliverability.



Why H&P's ROC is Different

Most remote centers focus on observation. H&P's ROC actively operates, analyzes and intervenes.

Key differentiators include:

- ▶ Deep integration with proprietary drilling systems and automation platforms
- ▶ Embedded drilling engineers, directional specialists and performance analysts
- ▶ Automation deployed at fleet scale, not limited pilots
- ▶ Distributed global ROC network delivering continuous 24/7 operational coverage
- ▶ Real-time survey corrections and mechanical risk modeling
- ▶ Operational support across the full drilling lifecycle

The ROC is not a dashboard. It is a real-time operational layer that extends H&P's drilling expertise directly into live rig execution.

H&P's Remote Operations Centers deliver measurable performance impact by embedding drilling expertise, automation and real-time analytics directly into operations.

By functioning as a true extension of the rig floor, the ROC helps operators reduce non-productive time, improve wellbore quality and achieve more consistent, predictable drilling performance at scale across multi-rig programs.

For more information on how H&P can help you achieve better drilling outcomes, contact an H&P sales representative today or contact us through our website at hpinc.com/contact.

It's time to follow through on your drilling performance potential.

Past performance is not a guarantee of future results. Any statements regarding past performance are not guarantees of future performance and actual results may differ materially.

