

# Delivering predictable, profitable wells through autonomous, end-to-end optimization

## Kantori autonomous well construction solution

The **Kantori™ autonomous well construction solution** from Baker Hughes improves efficiency and predictability by integrating subsurface intelligence, real-time data, and automated execution into a single system.

As wells become more complex and teams more constrained, operators must process more data, make faster decisions, and reduce risk with fewer people. Kantori addresses these demands by continuously interpreting conditions and optimizing drilling performance using advanced artificial intelligence, physics based models, and live well data.

Kantori applies internal logic and standardized execution to make consistent, real-time decisions with limited human oversight. By continuously aggregating surface and subsurface data, Kantori's hybrid physics based and data driven models evaluate wellbore conditions and guide execution.

Kantori optimizes operations by applying consistent execution logic across Baker Hughes and third party hardware, leveraging high quality operational data to improve drilling performance and customer outcomes.

### Seamless connectivity & data integration

Secure edge to cloud connectivity eliminates data silos and enables real-time collaboration across rigsite, remote operations, and engineering teams.

### Continuous monitoring & actionable insights

Real-time visualization, analytics, and alerts provide clear visibility into well conditions, fluid behavior, and execution performance.

### Intelligent planning & precise execution

Subsurface expertise and automation deliver optimized well trajectories, accurate reservoir navigation, and consistent execution.

### Performance optimization & risk mitigation

Adaptive optimization tools manage hydraulics, fluids, and operating parameters to maintain stability, reduce nonproductive time, and limit operational risk.

Kantori enables a step change in well construction—transforming reactive operations into intelligent, efficient execution.

### Applications

- Wells with inconsistent or unpredictable drilling performance
- Narrow pressure windows or complex subsurface conditions
- Development programs requiring repeatable execution
- Remote and reduced personnel operating models

### Benefits

- Improved drilling efficiency and consistency
- Faster, real time decision making
- Reduced operational risk and nonproductive time
- Scalable optimization at the well or asset level