

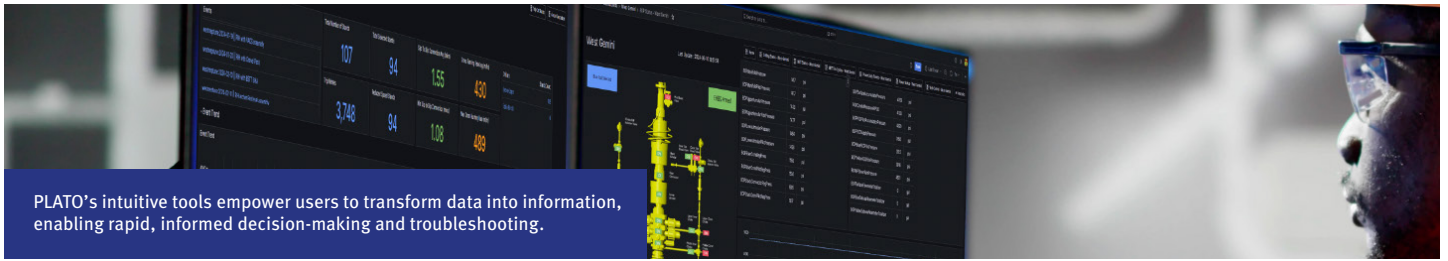


SETTING THE STANDARD

PLATO 

SETTING THE STANDARD - PLATO - OCTOBER 2024

Seadrill 



PLATO's intuitive tools empower users to transform data into information, enabling rapid, informed decision-making and troubleshooting.

Introducing PLATO – Empowering Data-Driven Decision Making and Collective Intelligence

PLATO is Seadrill's advanced industrial data aggregation and analysis platform designed to drive change and create value across our organization. By continuously collecting vast amounts of data from equipment on our drillships, PLATO provides simple and intuitive tools that empower our employees to interact with data they understand and are familiar with. This approach ensures that the data is in the hands of our experts, leading to more informed, agile decision-making and more accurate reporting.

With PLATO, problem-solving is expedited, real-time data availability enhances prompt troubleshooting, and the organization becomes more resilient and responsive. We can analyze our operations at a micro level, gaining a deeper understanding of our performance and equipment. Additionally, we easily share our learnings across our standardized fleet to ensure maximum benefit.

Why PLATO?

Since its implementation, PLATO has significantly enhanced our operational performance, benefiting our customers and reinforcing our reputation as a technology-focused, data-driven driller. Here are some key highlights:

Operational Improvements

Increased standardization and efficiency across our offshore drilling crews

Enhanced Data Availability

PLATO's rich and readily available data has prevented weeks of downtime traditionally caused by pulling Blowout Preventers (BOPs)

Core Component of Asset Lifecycle Management (ALCM) Program

PLATO provides critical data for measuring equipment's health and lifecycle status, resulting in our American Bureau of Shipping (ABS) approved Condition-Based Monitoring (CBM) notation

Data Sharing

Long history of using PLATO to aggregate and share data with third-party vendors of your choice

PLATO's ability to drive performance improvements and ensure data sharing services makes it an indispensable tool for Seadrill's operations.



Spot opportunities



Improve current and future well operations



Locate anomalies



Maximize equipment productivity



Optimize crew performance



Identify trends



PLATO boosts BOP reliability with real-time monitoring, predictive maintenance, and easy troubleshooting, ensuring safety and optimal performance.

PLATO and Real-Time BOP Monitoring

Jurisdictional requirements such as those governed by the Bureau of Safety and Environmental Enforcement (BSEE) dictate hydraulic pressure testing of the BOP every two weeks. The data provided from PLATO allows real-time monitoring of BOPs which can extend BOP test frequencies to every three weeks. Based on client case studies conducted, benefits associated with the reduction in test frequency can provide immediate cost savings in the millions of dollars per well.

Testing time without PLATO						
Well duration (days)	Test frequency (days)	Test duration (hours)	Total number of hours spent on BOP tests	Total number of days	Daily spread cost	Total cost for testing
120	14	12	102.9	4.3	\$800,000	\$3,428,571

Testing time with PLATO						
Well duration (days)	Test frequency (days)	Test duration (hours)	Total number of hours spent on BOP tests	Total number of days	Daily spread cost	Total cost for testing
120	21	12	68.6	2.9	\$800,000	\$2,285,714

Difference saved with PLATO	\$1,142,857
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This table displays 120 days of well duration testing and BOP monitoring with and without PLATO, with a daily spread cost of \$800,000. Using PLATO resulted in cost savings of over \$1 million for our client.



Seadrill is setting the standard in deepwater oil and gas drilling. With its modern fleet, experienced crews, and advanced technologies, Seadrill safely, efficiently and responsibly unlocks oil and gas resources for national, integrated, and independent oil companies.

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