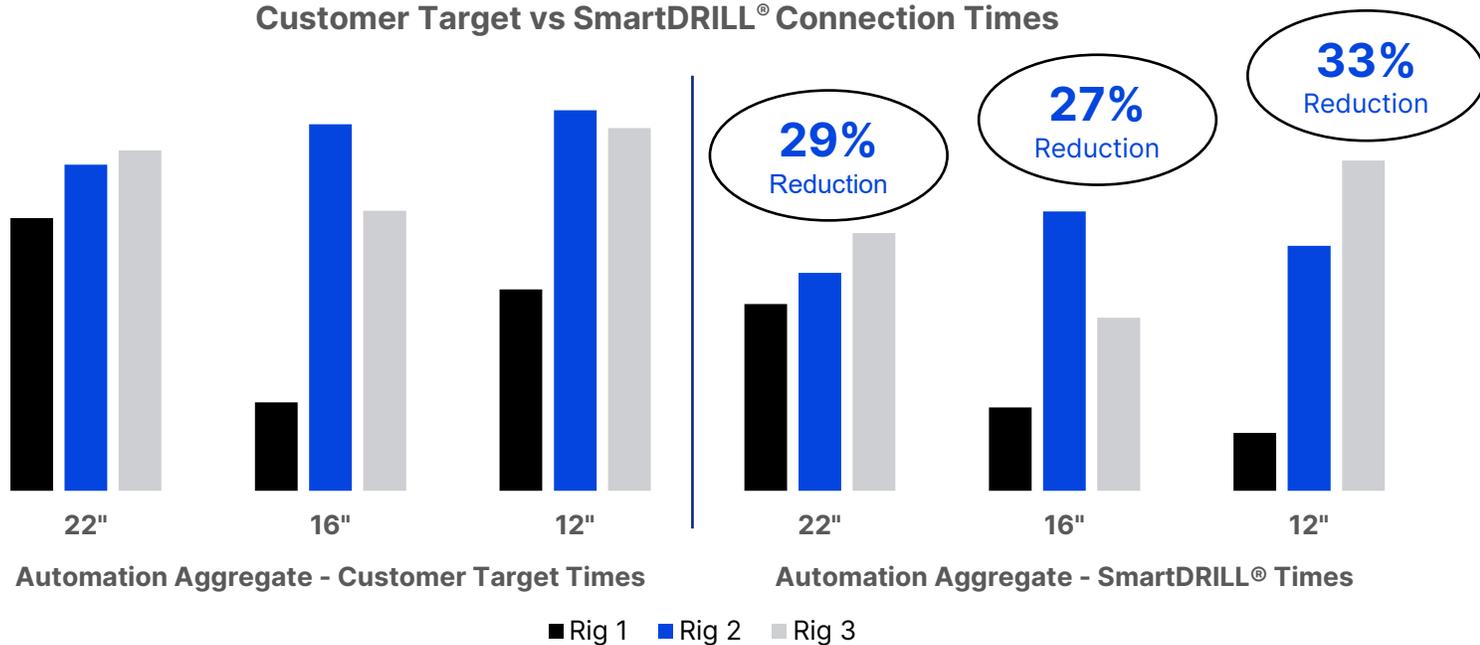


SmartDRILL® Process Automation System, Streamlines Operations, Slashing Connection Times by 33% in Saudi Arabia

Overview

An operator in Saudi Arabia aimed to enhance performance, safety, and consistency through rig automation, to improve decision making and pre- and post-connection times across their drilling operations.

Customer Target vs SmartDRILL® Connection Times



Timeframe: March 2024 - January 2025

Solution

Nabors deployed its SmartDRILL® process automation platform as a scalable key component of Nabors' SmartROS® rig automation platform, to streamline drilling operations.

Integrating both platforms improved pre- and post-connection times, enabled cost reductions, maximized drilling performance, and enhanced adherence to digital workflows, thereby establishing a best practices protocol for future integrations.

Results

Across three rigs, **14 wells** were **drilled with automation**, and the results were outstanding:

- **29% reduction** in time for **22" hole section**
- **27% reduction** in time for **16" hole section**
- **33% reduction** in time for **12" hole section**

The operator achieved significant time savings, contributing to safer, reliable and efficient operations.