



OVERVIEW

CORTEX[®] DOWNLINK

Automated Precision, Real-Time Control

Why it Matters

Fast, reliable communication with downhole tools is essential for maintaining drilling efficiency and reducing invisible lost time (ILT). Manual downlinking methods can be slow, inefficient and distract drillers from higher-value tasks.

CORTEX[®] Downlink streamlines the process by automating both RPM- and flow-based downlinks using programmed high/low signal sequences. The system reduces the risk of missed transitions, enables faster execution and integrates seamlessly with the CORTEX Automation platform.

The result: quicker downlinking, greater precision and more time for drillers to focus on operational priorities.

Key Benefits

Flexibility

Downlink through RPM or flow, depending on operational needs.

Faster Execution

Pre-loaded command sets and adjustable bit periods allow quicker, more consistent downlinks.

Troubleshooting Made Simple

Easily adjust high/low thresholds to resolve communication issues without halting operations.

Fully Integrated

Works seamlessly within the CORTEX Automation platform for end-to-end efficiency.

Supporting the Driller

By automating repetitive downlinking tasks, CORTEX Downlink frees drillers to focus on performance oversight and crew safety.



**Operators Gain
Measurable Benefits**

Reduced ILT from faster, more reliable downlink execution

Improved Efficiency by minimizing manual steps

Bottom Line

CORTEX Downlink delivers automated, reliable downhole communication that saves time, improves accuracy and reduces the operational burden on drillers—helping crews drill safer, faster and smarter.