

OIL & GAS

Drive Reliable, Defensible Operations Across the Oil & Gas Value Chain

For Oil & Gas operators managing high-risk assets, downtime and integrity failures pose risks to production, safety, and compliance. As HSE expectations rise, connected digital foundations are essential to align asset condition, maintenance, integrity, and field operations.



Operational Reality vs. Operational Confidence

Operators must ensure maintenance, integrity, and safety decisions are traceable and defensible.

What is at stake?

- ② Operational disruptions impact production and contractual commitments.
- ② Limited visibility increases integrity, HSE, and compliance risks.
- ② Leaks, corrosion, and failures create financial and reputational exposure.

What does good look like?

- ✓ Reliable operations support production continuity across the value chain.
- ✓ Asset condition and inspections guide maintenance and operational decisions.
- ✓ Maintenance and HSE activities remain controlled, auditable, and defensible.

How Cohesive Helps O&G Operators Function with Confidence

- 1 Connected operating processes:** Turn fragmented maintenance, integrity, and HSE activities into governed, end-to-end operational systems.
- 2 Aligned planning and execution:** Connect operational intent, field execution, and outcomes so decisions remain visible, controlled, and traceable.
- 3 Support for complex field environments:** Enable role-based execution for teams operating across wells, pipelines, terminals, offshore assets, and processing facilities.
- 4 Standardized operations without oversimplification:** Implement consistent data models and workflows aligned to the realities of upstream, midstream, and downstream operations.

Digital Backbone: IBM Maximo and Connected Operations

- ❑ O&G-specific Maximo foundations built for wells, rigs, pipelines, terminals, and process units
- ❑ Asset models and workflows designed with operators, planners, engineers, and HSE teams
- ❑ Proven support for reliability, integrity, turnarounds, shutdowns, and compliance programs
- ❑ Deep O&G expertise across upstream, midstream, downstream, and contractor-intensive operations

