

OIL & GAS

From Upstream, through Midstream, to Downstream

OIL & GAS NETWORK CHALLENGES

Heavy Traffic Loads

Upstream: Modeling accuracy, leveraging remote talents/expert geologists, efficient collaboration across vendors, optimize assets

Midstream: Modernize aging infrastructure, adopt security hardened digital technology, link geographically dispersed systems and vendors

Downstream: Reduce maintenance costs through condition-based maintenance enabled by real-time data. Digitize refinery ops, optimize supply chain to boost yield and throughput

71% of the energy workforce is retiring, thinning the knowledge-base

90% of executives know the talent shortage is an issue

Difficult Security Challenges

Every device & access point

From HQ to remote

Digital twins

Global collaboration

Real-time business center

IoT sensors

Operations Challenges

Difficult to Deploy

Difficult to Manage

- Converge IT/OT networks to reduce cost and optimize investment
- Improve collaboration across companies to share planning, forecasting, and operations support
- Protect legacy systems not built for cybersecurity rather than update and negatively impact operations
- Increase visibility to control costs and optimize performance and user experience

HOW RIVERBED CAN HELP

Full-fidelity visibility makes it easier to...

Monitor
Speed discovery of performance & security issues

Troubleshoot
Accelerate MTTR

Analyze
AI/ML automates detection

Secure
No gaps from data sampling

Network data provides security intelligence...

Broad threat detection

Thorough investigation

Comprehensive mitigation

Optimize delivery

Accelerate...

- Increase application and data transfer performance up to 33x
- Reduce bandwidth utilization by up to 95%
- Enable distributed workforce with optimized access to their files and apps – anytime, anywhere

Max efficiency...

- Enterprise-grade routing, rich topologies and assured quality over internet links
- Best-in-class performance for on-prem, cloud or SaaS apps
- Next-gen firewall, comprehensive UTM or service chaining with 3rd party security services.

Riverbed
Fast and secure applications for today's oil & gas workforce.

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