

United Private Cloud for **Oil & Gas**

**Software-defined private cloud with AI-ready acceleration
and built-in intelligence for upstream, midstream,
downstream energy data environments.**

Helping oil and gas organizations modernize operations with
resilient private cloud, secure edge-to-core connectivity,
AI-ready infrastructure, and unified observability.



Secure



Scalable



Intelligent



99.999%

High-Availability

30+

Cloud Regions

175+

Edge Locations

100+

IaaS & PaaS Services

Where **UnitedLayer** Helps Oil & Gas Organizations

Key solution areas for exploration, production, transport, refining, and distributed energy operations.

Remote Field & Edge Operations

Run applications and services close to where data is generated, securely and reliably.

Seismic & Data Platforms

Accelerate seismic processing and large-scale data workloads with high-performance cloud infrastructure.

SCADA / OT Infrastructure

Deliver telehealth experiences with resilient, low-latency infrastructure.

Pipeline & Asset Monitoring

Store and protect imaging, genomics, device, and application data at scale.

Refinery & Processing Workloads

Protect critical systems with zero-trust security, monitoring, and cyber resilience.

Cybersecurity & Zero Trust

Keep healthcare systems always available with DRaaS, failover.

Business Continuity & Disaster Recovery

Improve utilization and reduce IT complexity with intelligent cloud operations.

AI-Powered Analytics & Optimization

Leverage AI-ready infrastructure for medical analytics and better care outcomes.

Outcomes That Drive Healthcare Forward

**Operational
Resilience**

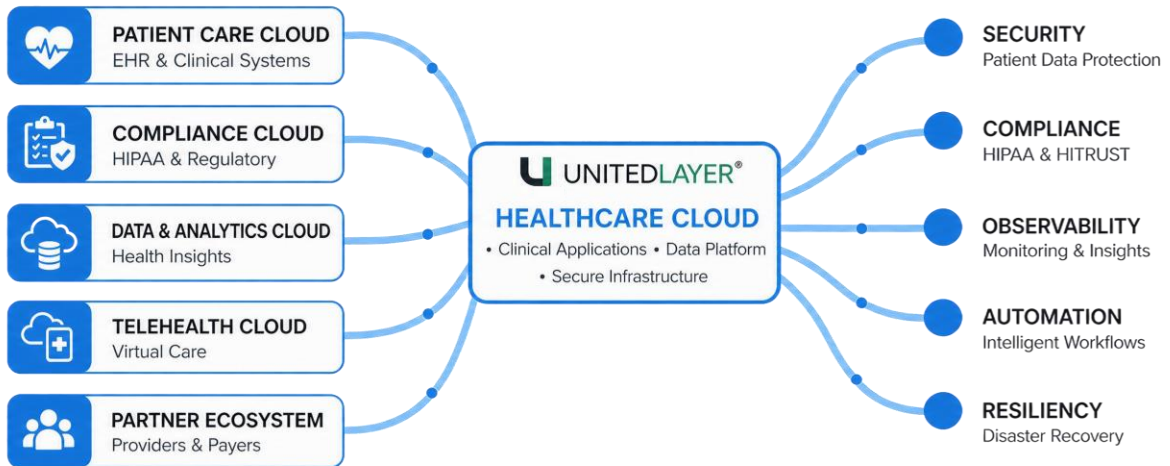
Field Visibility

Safer Operations

**AI-Driven
Efficiency**

Healthcare Cloud Capabilities

A secure, scalable, and compliant platform architecture designed for healthcare workloads.



Software-Defined Private Cloud

Isolated, policy-compliant cloud for energy workloads with consistent operations and built-in disaster resilience.

Hybrid Cloud Infrastructure

Seamless hybrid cloud with low-latency edge reach, burst compute for simulations, and portable workloads.

UPC Accelerated

GPU-accelerated infrastructure for energy workloads with fast backup, I/O performance, and quick time-to-value.

UPC Built-in Intelligence

AI/ML-driven predictive maintenance, unified observability, self-healing automation, and edge-to-enterprise insights.



Built for Security



Built for Performance



Built for AI



Built for Automation

Oil & Gas Solution Snapshot

Energy organizations operate in some of the world's most demanding environments. To compete and stay safe, they need secure infrastructure that connects remote operations and supports data-driven operations across the value chain.

Business Challenges

- Connect and manage remote assets and sites
- Protect critical OT and IT infrastructure
- Improve data visibility and operational insight
- Support scalability across exploration, production, and midstream operations
- Ensure business continuity in high-risk environments

Solutions Delivered

- Secure private cloud foundation built for energy
- Unified platform connecting IT, OT, and edge
- Built-in security, governance, and compliance
- Scalable infrastructure for data, apps, and AI
- Resilient by design with built-in backup, DR, and cyber recovery

Oil & Gas Transformation Priorities



Remote Operation



Security



Asset Resilience



Visibility

Relevant Capabilities

- United Private Cloud®
- UnitedConnect®
- UPC Built-in Intelligence
- UnitedSecure™
- UPC Accelerated
- DRaaS / Cyber vault

Scale Smarter. Secure Faster.



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