

UnitedLayer for Healthcare

Secure software-defined private cloud with AI-ready acceleration and built-in intelligence for healthcare providers, payers, life sciences, and digital health organizations.

Powering the future of healthcare with compliant private cloud, resilient infrastructure, GPU-ready AI, and unified observability and orchestration.

 Secure

 AI-Ready

 Intelligent




99.999%
Availability



30+
Data Centers


175+
Edge Locations


100+
IaaS & PaaS Services


Where UnitedLayer Helps Healthcare Organizations

Key solution areas for providers, payers, life sciences, medical devices, and digital health ecosystems.




Protect Patient Data & Ensure Compliance

Support HIPAA-aligned infrastructure, secure access controls, encryption, and audit-ready operations.




Modernize Clinical Applications

Run EMR, EHR, PACS, RIS, and clinical systems on secure, highly available private cloud.



Enable Telehealth & Digital Care

Deliver telehealth experiences with resilient, low-latency infrastructure.




Manage Exploding Healthcare Data

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




Strengthen Cybersecurity & Ransomware Resilience

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




Ensure Business Continuity & Disaster Recovery

Keep healthcare systems always available with DRaaS, failover, and resilient backup strategies.



Optimize Costs & IT Operations

Improve utilization and reduce IT complexity with intelligent cloud operations.



Accelerate Innovation with AI & Analytics

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



Healthcare Cloud Capabilities

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



01



Software-Defined Private Cloud

- 99.999% availability with N+M clusters
- On-demand scaling of cloud resources
- Software-defined network, compute, and storage
- Integrated security with restricted IP access

02



Hybrid Cloud Management

- 30+ data centers and 175+ edge locations
- Connectivity to AWS, Azure, and GCP
- Fully managed cloud services
- Integrated disaster recovery services

03



UPC Accelerated

- GPU-optimized private cloud
- Private AI and LLM-ready environment
- Supports medical analytics, imaging workloads, and AI-driven patient intelligence
- Predictable economics and managed operations

04



UPC Built-in Intelligence

- Unified observability
- Centralized cloud management
- Agentic orchestration and automation
- Real-time monitoring, compliance, and cost optimization



Built for
Security



Built for
Performance



Built for
AI



Built for Intelligent
Operations

Healthcare Case Study

Provided a Secure, Compliant Infrastructure Platform for Healthcare Data, Applications, and Devices

A healthcare organization needed a highly secure, compliant, and resilient platform to protect sensitive healthcare data, connected distributed applications and devices, and support operational growth.



Business Need



- Needed a secure, HIPAA-aligned infrastructure platform.
- Required support for healthcare data, applications, and connected devices across multiple sites.
- Needed high availability, strong data protection, and seamless connectivity.
- Needed a solution to store large scale patient data.
- Wanted to support growth and digital transformation initiatives.

Solution Delivered



- Deployed a highly secure and compliant infrastructure platform using United Private Cloud®, UnitedSecure™, and UnitedConnect®.
- Implemented secure connectivity and Zero Trust principles.
- Enabled high availability, backup, and disaster recovery.
- Provided highly secure and scalable storage pools for retaining patient data.
- Provided 24/7 monitoring and managed operations.

Security & Compliance Highlights



HIPAA-Aligned Controls



Zero Trust Security



Always-On Availability



Data Protection & Recovery

Business Impact



Secure & Compliant infrastructure for sensitive healthcare data.



High Availability for critical healthcare applications.



Scalability to support growth and rising data volumes.



Operational Efficiency through centralized monitoring and support.



Improved Patient Outcomes through reliable and resilient infrastructure.