

United Private Cloud for Telecom

Secure software-defined private cloud with AI-ready acceleration and built-in intelligence for telecom operators, network providers, communication service providers (CSPs), and digital connectivity ecosystems.

Helping telecommunications organizations modernize network infrastructure with resilient private cloud, edge-to-core connectivity, GPU-ready AI, and unified observability and orchestration.



Secure



Carrier-Grade



Intelligent



99.999%

Availability



30+

Private Cloud
Regions



175+

Edge Locations



100+

IaaS & PaaS
Services

Where UnitedLayer Helps Telecommunication Organizations

Key solution areas for telecom operators, communication service providers, network infrastructure providers, and digital connectivity ecosystems.



AI Infrastructure for Telecom

Provide GPU-ready infrastructure to power AI-driven network automation, analytics, and intelligent operations.



Next-Gen Connectivity

Deliver secure edge infrastructure, NaaS connectivity, and private 5G for low-latency digital services.



OSS/BSS Modernization

Modernize OSS/BSS platforms with scalable cloud infrastructure and intelligent automation.



AI-Driven Network Operations

Enable AI-ready infrastructure for network analytics, automation, and predictive operations.



Network Security & Zero Trust

Protect critical telecom infrastructure, applications, and subscriber environments with Zero Trust security.



Network Observability

Gain unified visibility across distributed infrastructure, network services, and cloud operations.



Business Continuity & Disaster Recovery

Ensure uninterrupted telecom services with DRaaS, Immutable Cyber vault Backup, and resilient failover.



Multi-Cloud & Hybrid Connectivity

Connect data centers, edge sites, clouds, and partner ecosystems through secure hybrid networking.



Carrier-Grade Reliability



Low-Latency Connectivity



AI-Driven Operations



Secure Network Infrastructure

Telecom Cloud Capabilities

A secure, scalable, and intelligent platform architecture designed for modern telecom networks and digital service delivery.



Software-Defined Private Cloud



- 99.999% availability with N+M clusters
- Software-defined compute, storage, and networking
- On-demand scaling for telecom workloads
- Integrated security with restricted IP access

Hybrid Cloud Infrastructure



- 30+ Private Cloud Regions and 175+ Edge Locations
- Secure connectivity across network, edge, and cloud environments
- Fully managed cloud services
- Integrated disaster recovery services

UPC Accelerated



- GPU-optimized private cloud
- AI-ready environment for telecom analytics and network intelligence
- Supports AI-powered network optimization and automation
- Predictable economics with managed operations

UPC Built-in Intelligence



- Unified observability
- Centralized cloud and network management
- Automation and orchestration
- Real-time monitoring, compliance, and cost optimization



**Built for
Security**



**Built for
Performance**



**Built for
AI**



**Built for
Intelligent
Operations**

Telecom

Case Study



A global telecommunications provider needed a secure, scalable, and intelligent cloud platform to modernize network infrastructure, enable Network-as-a-Service (NaaS), accelerate edge-enabled 5G services, improve operational visibility, and strengthen cyber resilience across distributed environments.



Powering Edge, NaaS & AI-Ready Telecom Infrastructure



Business Need

- Modernize legacy network infrastructure to support cloud-native telecom services.
- Enable Network-as-a-Service (NaaS) with distributed edge connectivity for low-latency service delivery.
- Improve network visibility, operational efficiency, and service reliability.
- Strengthen cyber resilience while ensuring uninterrupted subscriber services.



Solution Delivered

- Deployed **United Private Cloud®**, **UnitedConnect®**, and **UnitedSecure™** for secure, carrier-grade infrastructure.
- Delivered NaaS by integrating edge sites, network core, cloud, and data centers through secure hybrid connectivity.
- Enabled AI-ready edge infrastructure and accelerated telecom workloads with UPC Accelerated.
- Integrated UPC Built-in Intelligence, DRaaS, and Immutable Cyber Vault Backup for observability, automation, and cyber resilience.

**5G Network Modernization**

**Edge Computing**

**AI-Driven Operations**

**Network Visibility**



Business Impact

- Faster deployment of cloud-native telecom services
- Improved network availability and operational resilience
- Lower latency and simplified connectivity through Edge and Network-as-a-Service.
- Enhanced operational efficiency through intelligent automation
- Stronger cyber resilience with disaster recovery and immutable backup



Relevant Capabilities

 United Private Cloud®	 UnitedSecure™	 UnitedConnect®	 UPC Accelerated	 UPC Built-in Intelligence	 DRaaS / Cyber Vault
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Scale Smarter. Secure Faster.

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