Enterprise Private Cloud With Private AI

UnitedLayer delivers a modern enterprise cloud portfolio designed for organizations that need secure infrastructure, High performance and predictable spend, data sovereignty, cyber resilience, and AI-ready operations.

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UnitedLayer Introduction

Enterprise Private AI Cloud Built for Performance, Governance, and Resilience.

UnitedLayer unifies **private cloud, private AI cloud, cyber resilience, connectivity, and built-in intelligence** in one enterprise platform, helping regulated & mission-critical organizations modernize with **control, security, performance, and predictable cost**

Zero Trust Security

Multi-layer security architecture

Zero Business Impact

Powered by UPC DRaaS & UPC Cyber vault

Scalable Consumption

Scalable and flexible consumption model

Managed Private Cloud

Fully managed private cloud

Near Zero Downtime

99.999% Availability with N+M Architecture

Zero Vendor Lock in

Complete control over your AI stack - switch anytime.

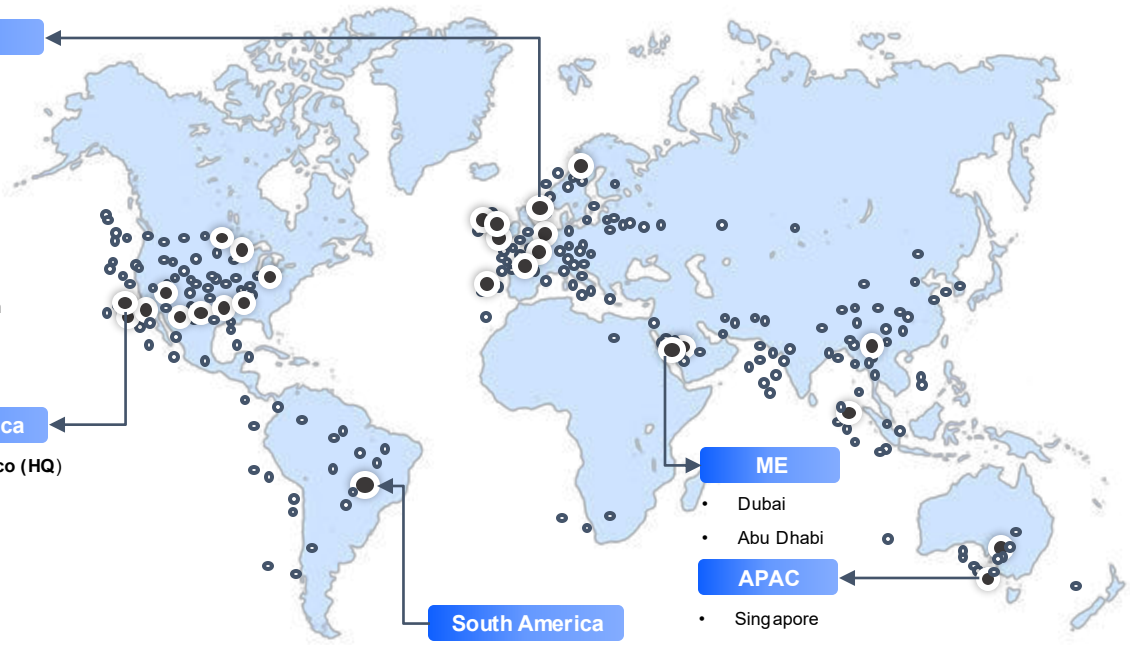
Zero Latency

Secure, redundant connectivity

Built – In Orchestration & Intelligence

Intelligent Operations Platform driven by Observability, Cloud Management, and Agentic Orchestration

25+ Years of Expertise | **30+ Private Cloud Regions** | **170+ Edge Locations**



Europe
- London
- Amsterdam
- Frankfurt
- Helsinki
- Paris
- Zurich
- Cambridge
- Northampton
- Copenhagen
- Ireland

North America
- **San Francisco (HQ)**
- Los Angeles
- Las Vegas
- Austin
- Dallas
- Denver
- Atlanta
- Ashburn
- New York
- Toronto
- Barrie

South America
- Sao Paulo

ME
- Dubai
- Abu Dhabi

APAC
- Singapore
- Hong Kong
- Sydney
- Melbourne

100+ prebuilt IaaS and PaaS Services

100K+ IOPS with all-flash storage

100G-400G with Software-Defined Architecture

30-50% cost effective versus Public Clouds

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Current Market Trends

Broadcom/VMware Licensing Shock

VMware on UPC shields customers from pricing volatility by bundling VMware licensing into a single, predictable UnitedLayer subscription. For customers ready to migrate, UPC's KVM and Hyper-V platforms offer proven paths off VMware with minimal disruption.

Rise of the Open-Source Hypervisor

KVM on UPC delivers open-source economics with enterprise-grade management, SLAs, and support. UnitedLayer handles all KVM operational complexity patching, tuning, security hardening — so customers capture the cost benefits of open-source without absorbing the operational burden.

Microsoft Ecosystem Consolidation

Hyper-V on UPC is purpose-built for Microsoft-centric organizations. Native Azure integration via Azure Arc and ExpressRoute-equivalent connectivity means customers extend their private cloud to Azure seamlessly. Windows Server Datacenter licensing on UPC eliminates per-VM OS costs, delivering the lowest TCO for large-scale Windows workloads.

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The Re-platforming Challenge

Storage

VM format migration VMware's VMDK disk format must be converted to QCOW2 or RAW for KVM. At scale, this requires validated tooling and rigorous testing of each workload post-conversion.

Networking

Network re-architecture VMware NSX software-defined networking does not map directly to Open vSwitch (OVS) on KVM. Network policies, micro segmentation rules, and load balancing configurations must be redesigned

Storage Layer

Storage migration vSAN storage clusters must be migrated to alternative solutions such as Ceph, NFS, or iSCSI-backed storage, each with different performance and operational characteristics.

People

Operational retraining, teams with deep vCenter and vSphere expertise need structured enablement on KVM management tooling, creating a temporary productivity gap during transition.

Applications

Workload compatibility validation, every application running on VMware must be tested and certified on KVM before cutover, requiring a parallel-run period that adds infrastructure cost

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How UnitedLayer Addresses the Re-platforming Challenge

UnitedLayer's hypervisor-agnostic architecture is purpose-built for exactly this transition. Unlike single-hypervisor platforms that require a full commitment to one stack, UnitedLayer supports all three major hypervisor families simultaneously giving enterprises the freedom to migrate at their own pace without operational disruption.

Freedom

No forced migration timeline customers move workloads to KVM at their own pace, with UnitedLayer managing both VMware and KVM environments simultaneously through a single Intelligence Layer control plane

Economics

Cost shock protection by hosting workloads on UnitedLayer's own infrastructure, customers are completely insulated from Broadcom's VMware pricing and future licensing changes.

Continuity

Operational continuity UnitedLayer's Observability and Cloud Management pillars provide consistent monitoring, DR, governance, and policy enforcement across VMware and KVM workloads throughout the mixed-environment transition period.

Automation

Agentic migration orchestration, UnitedLayer's Automation and Agentic Workflows can systematically orchestrate VM conversions, validate workloads post-migration, and manage cutover sequences reducing manual effort and migration risk significantly.

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KVM on United Private Cloud®

UnitedLayer's KVM on UPC pairs the raw performance and openness of KVM with UnitedLayer's enterprise management layer including observability, automated provisioning, hybrid connectivity, and 24/7 managed operations.

Open-Source Foundation, Enterprise Management

Full KVM/QEMU stack managed by UnitedLayer's operations team

Linux-Native & Cloud-Native Optimized

Purpose-built for organizations running Linux workloads, containers, and cloud-native architectures.

Security & Compliance

Enterprise-grade security controls applied consistently regardless of hypervisor choice.

Zero Licensing Cost

Significant cost reduction versus VMware or Hyper-V for large-scale deployments

Hybrid Cloud Connectivity

Connect KVM workloads to any hyperscaler with the same fabric as VMware and Hyper-V environments.

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Hyper V on United Private Cloud®

UnitedLayer's Hyper-V on UPC removes the operational burden of managing Windows-based hypervisor infrastructure while giving customers direct connectivity to Azure enabling true hybrid cloud without re-platforming. It is purpose-built for organizations standardized on the Microsoft ecosystem that want private cloud economics with Azure-scale flexibility.

Azure Hyper-V Integration

Extend your private cloud to Azure without re-platforming.

Windows-First Architecture

Optimized for Windows Server, .NET, Active Directory & SQL Server.

Scalable & Efficient

On-demand vCPU, vRAM & storage with full SDN support.

Hybrid Connectivity

On-demand connectivity to Azure, AWS, and GCP from same fabric.

Hybrid Cloud Connectivity

Microsoft licensing advantages — no third-party hypervisor fees.

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What's in it for customers?

Cost Certainty

Predictable pricing shields customers from Broadcom's volatile VMware licensing model often delivering 40–60% savings versus direct VMware licensing post-acquisition.

Zero Disruption

Customers retain the same VMware tools, workflows, and APIs no retraining, no re-platforming, no operational disruption.

Enterprise SLAs

99.999% HA backed by UnitedLayer SLAs, not just hypervisor-level guarantees.

Compliance Confidence

Audit-ready infrastructure with dedicated tenancy eliminates shared-environment compliance risk.

Cost-Effective Licensing

Extend to any hyperscaler on demand without committing to a single cloud vendor.

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UnitedLayer at a Glance

Unified operational intelligence powered by observability, management, and agentic automation.

What UnitedLayer Delivers

- Software Defined Private Cloud
- Private AI & GPU as a Service
- Intelligent IT Operations
- Cyber Resilience
- Global Connectivity & Edge
- AI Factory Service

Who We Support

- Financial Services
- Healthcare
- Technology
- Manufacturing
- Media & Entertainment
- Retail
- Federal
- Telecommunications

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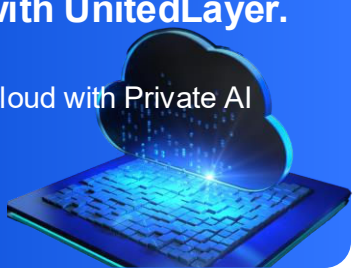
Build your next-generation private cloud with UnitedLayer.

Enterprise Private Cloud with Private AI



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