

# 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.



# 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**

<p><b>Zero Trust Security</b></p> <p>Multi-layer security architecture</p>	<p><b>Zero Business Impact</b></p> <p>Powered by UPC DRaaS &amp; UPC Cyber vault</p>	<p><b>Scalable Consumption</b></p> <p>Scalable and flexible consumption model</p>	<p><b>Managed Private Cloud</b></p> <p>Fully managed private cloud</p>
<p><b>Near Zero Downtime</b></p> <p>99.999% Availability with N+M Architecture</p>	<p><b>Zero Vendor Lock in</b></p> <p>Complete control over your AI stack - switch anytime.</p>	<p><b>Zero Latency</b></p> <p>Secure, redundant connectivity</p>	<p><b>Built - In Orchestration &amp; Intelligence</b></p> <p>Intelligent Operations Platform driven by Observability, Cloud Management, and Agentic Orchestration</p>

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

<b>100+</b> prebuilt IaaS and PaaS Services	<b>100K+</b> IOPS with all-flash storage	<b>100G-400G</b> with Software-Defined Architecture	<b>30-50%</b> 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.

# 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

# 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.**

# 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.

# 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.

# 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.

# 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

## Get in Touch



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