

# World's First Multi-Factor Private Cloud

Deploy, Develop and Delivery AI solutions Faster with United Private Cloud®

## ENTERPRISE CLOUD PLATFORM



Experience multifactor private cloud with VMs for ultimate control, containers for lightning microservices, and serverless for zero-ops magic all unified in one secure platform for every workload.

# 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

## AI Workload Surge

UPC offers AI-ready VM instances with NVIDIA T4, A100, and H100 GPUs dedicated, not shared on private cloud infrastructure. Teams get guaranteed GPU availability with zero queue time, full data sovereignty, and compliance controls built in.

## Managed K8s Becomes the Standard

UPC delivers fully managed Kubernetes clusters small, medium, and large tiers where UnitedLayer owns the control plane, upgrades, patching, and networking. Development teams get production-ready K8s from day one with zero cluster ops burden.

## AI Inference Demands Serverless Scale

UPC Serverless requires zero infrastructure configuration developers deploy code, the platform handles execution, scaling, and resource management automatically. Teams on private cloud get the same zero-ops developer experience as AWS Lambda or Azure Functions.

# Virtual Machines on United Private Cloud®

UnitedLayer's Virtual Machines on United Private Cloud® deliver enterprise-grade virtualization with dedicated hardware, flexible instance tiers, AI-ready GPU options, and predictable billing all managed on UnitedLayer's globally distributed, 99.999%-guaranteed fabric.

## Instance Tiers

Pre-sized VMs with fixed vCPU, RAM, and storage right-sized for every workload from dev to enterprise.

## GPU Options

AI-ready VMs featuring NVIDIA T4, A100, or H100 GPUs for machine learning, inference, and HPC.

## Flexible Billing

Pay per hour for short bursts or save with reserved plans for steady-state production workloads.

## Dedicated Resources

Every VM runs on dedicated physical infrastructure no shared tenancy, no resource contention.

## Hybrid Cloud Bridge

Seamlessly extend VM workloads to AWS, Azure, or GCP from the same UPC fabric. True hybrid cloud without re-platforming, re-IPing, or changing management tooling.

# Containers on United Private Cloud®

UnitedLayer's Kubernetes (Containers) on United Private Cloud® eliminates this complexity entirely. UPC delivers production-ready managed K8s clusters available in small, medium, and large tiers with built-in auto-scaling, serverless K8s (scale-to-zero), granular pod-level billing, and the same enterprise compliance posture as the rest of the UPC platform.

## Instance Tiers

Auto-scaling Kubernetes clusters available in small, medium, and large tiers — production-ready from day one.

## Serverless K8s

Deploy workloads that scale to zero. Pay only for actual pod execution time zero idle infrastructure cost.

## Pod Pricing

Granular billing per vCPU and GB RAM per hour. Pay for exactly what your pods consume nothing more.

## Auto-Scaling

Horizontal Pod Autoscaler (HPA) and Cluster Autoscaler built in. Clusters expand and contract dynamically based on real-time demand with no manual intervention required

## Persistent Storage

Native Kubernetes Persistent Volumes backed by UPC all-flash storage. StatefulSets, databases, and data-intensive workloads run reliably on K8s with enterprise-grade storage.

# Serverless Compute on United Private Cloud®

on United Private Cloud®: the first enterprise-grade serverless execution environment built on dedicated private cloud infrastructure. Organizations that require the operational simplicity of serverless combined with the data sovereignty, compliance, and predictable cost of private cloud now have a single platform that delivers both.

## Function-as-a-Service

Deploy event-driven functions in Python, Node.js, Go, Java, and .NET with zero infrastructure configuration.

## Scale-to-Zero Architecture

Serverless workloads consume zero resources when idle. No warm instance costs, no reserved capacity charges infrastructure exists only during active execution

## Per-Execution Billing

Billing at millisecond granularity pay only for the CPU time and memory your function actually uses during execution

## Cold Start Optimization

UPC's dedicated infrastructure eliminates the cold start variability common in public cloud serverless.

## AI Function Acceleration

Serverless AI inference functions with GPU-backed execution environments. Deploy ML models as serverless endpoints auto-scale inference capacity on demand.

# 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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Enterprise Private Cloud with Private AI

