

United Private Cloud® for AI Workloads

The Premier Private Cloud Solution Built for Enterprise **AI Innovation in 2025**

United Private Cloud® delivers an end-to-end, scalable, secure private cloud platform purpose-built to empower AI development, training, inference, and deployment at enterprise scale.

Why United Private Cloud is the Best Choice for AI Workloads

GPU-Accelerated Compute Power

Harness cutting-edge **NVIDIA GPUs** for deep learning, generative AI, and Large Language Model (LLM) **training** and **inference**. Experience reduced latency and faster AI project cycles on a fully managed infrastructure.

Integrated AI Orchestration & Kubernetes Container Cloud

Streamline AI workload management with built-in **Kubernetes orchestration**, **containerization** support, and **AI pipeline automation tools**, enabling rapid **DevOps**, flexible scaling, and simplified hybrid cloud deployments.

Edge AI & Hybrid Cloud Flexibility

Extend AI capabilities to the network edge with **UnitedEdge®**, enabling real-time inference and low-latency applications for **IoT, 5G**, and streaming. Combine private cloud with public cloud agility for optimized cost, performance, and compliance.

Enterprise-Grade Security & Sovereign Cloud Compliance

Maintain **data sovereignty** and **regulatory** compliance with dedicated sovereign cloud infrastructure. Benefit from robust encryption, access control, and audit-ready frameworks aligned with GDPR, HIPAA, FedRAMP, and NIST standards.

AI-Driven Automation for Cloud Management

Deploy **AI-driven operational intelligence** tools that automate resource provisioning, policy enforcement, anomaly detection, and troubleshooting — greatly improving reliability and reducing manual cloud management overhead.

High-Performance Networking & Storage

Leverage ultra-fast **100G software-defined networking** and **100k+ IOPS NVMe** storage for AI datasets and models, ensuring rapid data access and seamless scaling for demanding workloads.

Key AI Use Cases Powered by United Private Cloud®

Large Language Models (LLM) Training & Fine-Tuning

LLMs require massive computing power and large datasets to train and fine-tune for specific enterprise applications such as natural language understanding, generation, and reasoning.

United Private Cloud® provides scalable, **GPU-accelerated infrastructure** purpose-built for large-scale LLM workloads. Enterprises can run LLM projects in a secure, private environment with full data governance. Managed orchestration tools simplify pipeline deployment and monitoring, enabling faster AI research and product development without costly on-premise hardware investments.



Generative AI Model Development & Deployment



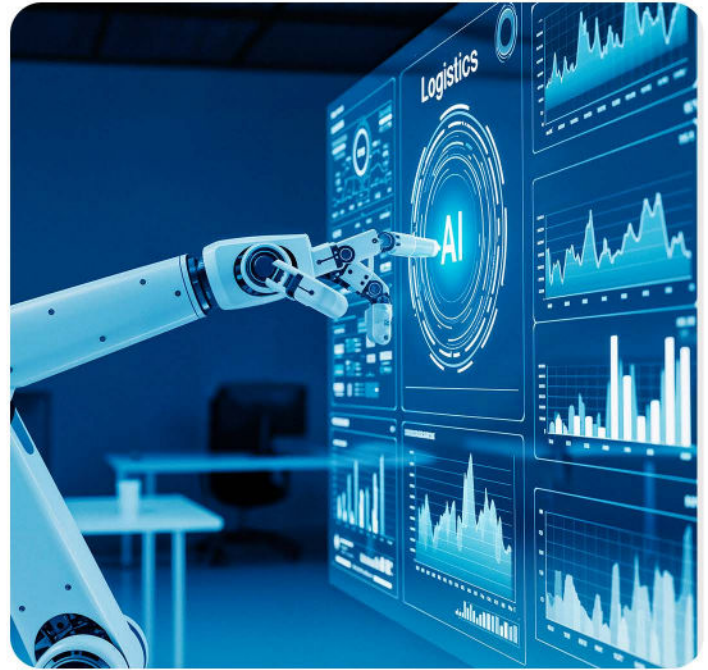
Generative AI produces new content—text, images, code, or audio—and relies on iterative training, high-performance GPUs, and agile deployment environments.

United Private Cloud®'s **GPU-optimized infra** and **container-native orchestration** make building, training, and deploying generative AI models seamless. Its AI-ready infrastructure supports rapid prototyping, scaling, and integration into production applications, ensuring security, compliance, and performance.

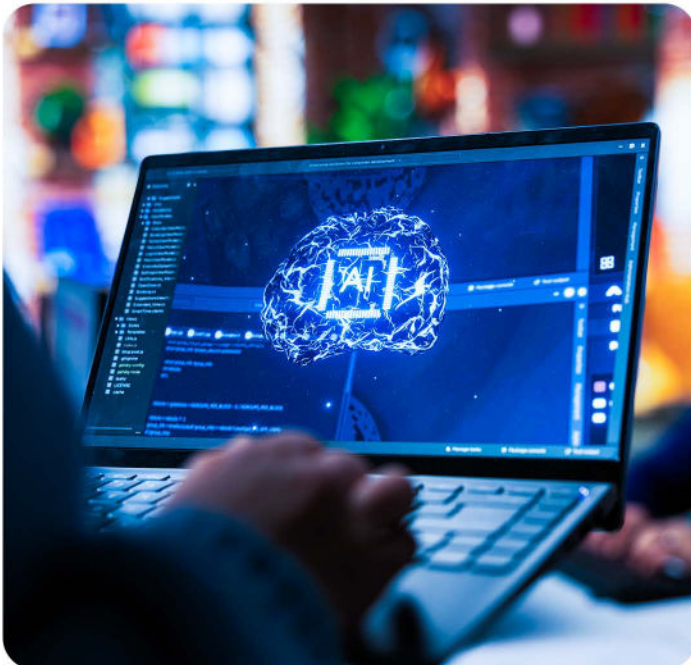
Real-Time AI Inference & Predictive Analytics

Time-critical AI applications—such as predictive analytics, fraud detection, IoT insights, and streaming data analytics—demand ultra-low latency and fast decision-making.

With **UnitedEdge®** edge computing, AI processing happens closer to the data source, minimizing latency and bandwidth usage. High-speed networking and hybrid cloud integration allow enterprises to deliver near real-time AI inference, improving responsiveness in mission-critical scenarios.



AI-Powered Automation



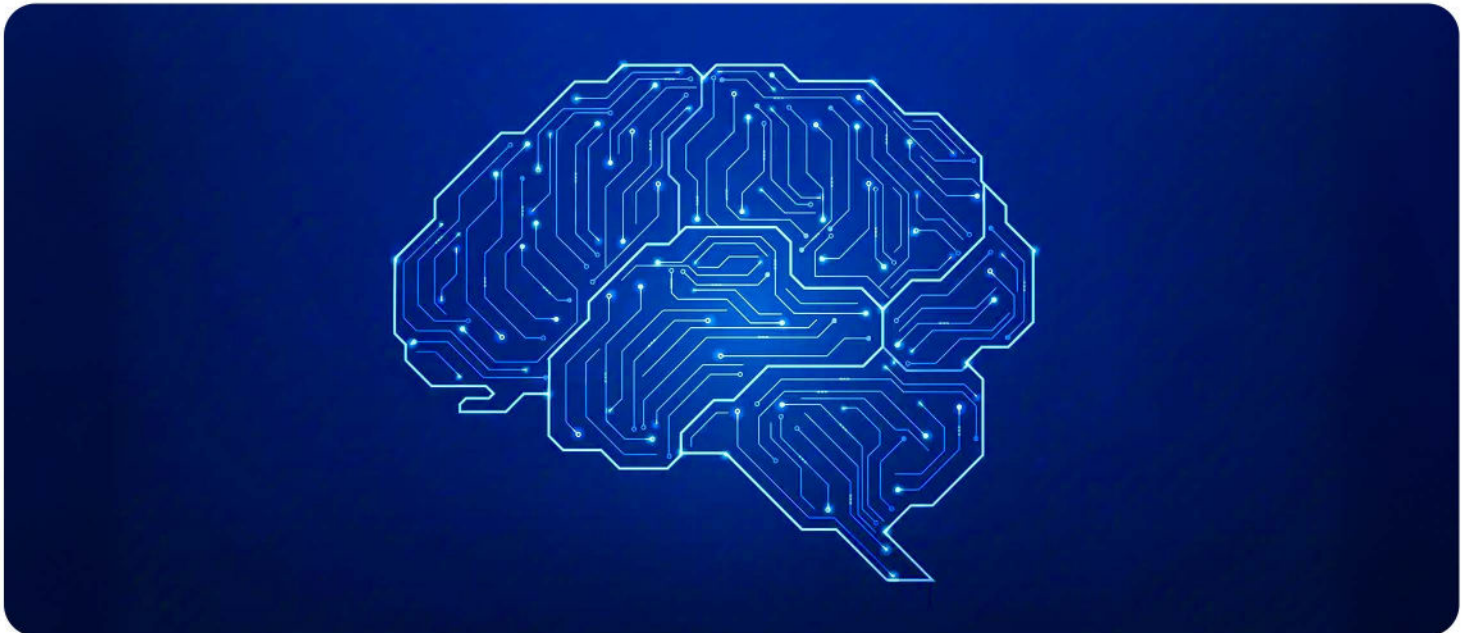
AI-powered assistants and **automation tools**

can optimize workflows, enforce policies, detect anomalies, and support complex operational decisions.

United Private Cloud® integrates AI-driven automation to handle provisioning, monitoring, scaling, and troubleshooting of AI workloads. This boosts operational efficiency, frees up IT teams from repetitive tasks, and enables faster, data-driven decision-making at scale.

AI Model Lifecycle & MLOps Management

Enterprises must continuously monitor, update, and optimize AI models after deployment to maintain accuracy, compliance, and performance.



United Private Cloud® delivers integrated orchestration, **Kubernetes-based container management**, and automation tools that streamline every stage of the **AI lifecycle—training, deployment, monitoring** for drift, updating models, and conducting compliance checks. This empowers enterprises to **operationalize AI at scale with MLOps** best practices.

What Sets United Private Cloud Apart?

Feature	United Private Cloud Advantage	Leading Competitors
AI Hardware	Latest NVIDIA GPUs (H200/Blackwell Series), scalable GPU dense nodes	High-end GPUs, but limited flexibility in consumption models
AI Software Stack	Pre-integrated AI orchestration, container cloud, AI copilot automation	Comprehensive but less integrated AI copilots and automation
Edge & Hybrid Cloud	Native edge computing with UnitedEdge® plus hybrid cloud support	Edge solutions available but less seamlessly unified
Security & Sovereign Cloud	Extensive global sovereign cloud footprint and compliance certifications	Strong compliance, fewer globally distributed sovereign cloud options
Pricing & Flexibility	Transparent, consumption-based pricing with hybrid flexibility	Subscription-based; potentially higher upfront capital costs
Customer Support & Ecosystem	Enterprise-grade 24/7 support with AI specialist consulting	Strong ecosystem but higher dependence on third-party partners

Analyst Recognitions



Recognized as a **Leader**
in the ISG Provider Lens™
**Private/Hybrid Cloud –
Data Center Services**



Recognized as a **Leader** in
NelsonHall NEAT™ **Cloud
Infrastructure Brokerage
& Orchestration Services**



Positioned as an **Innovator**
In MarketsandMarkets™
**Global Data Center
Colocation Markets
Report**

Get Started with United Private Cloud for AI

Discover how **United Private Cloud® accelerates your AI journey** with a secure, scalable, and enterprise-ready platform designed to handle the most demanding AI workloads.

- Customizable deployments aligned with your AI objectives
- Expert consultation for architecture and cost optimization
- Flexible trials and demos tailored for AI teams



contactus@unitedlayer.com



unitedlayer.com/upc-ai-cloud/



+1-888-853-7733