

# United Private Cloud<sup>®</sup> for Sovereignty

**Built for Governance, Data Security, and Regional Regulatory Adherence**

With **150+ countries enforcing data sovereignty laws** mandating **data storage** and **processing** within defined **geographic** and **jurisdictional boundaries**, a **sovereign cloud** may be your only option to safeguard legal compliance and provide additional security measures with seamless business continuity.





# Navigate the Global Data Sovereignty Landscape

**UPC Sovereign Cloud**, offered as part of the United Private Cloud® suite, is natively architected to enforce **end-to-end sovereignty controls** for its customers as per **local compliance** and **unique security requirements**, including:

## Identity & Access Management (IAM)

Strict user authentication, granular access controls, and governance to precisely determine who can access data and systems.

## Data Encryption & Key Management

Encryption of sensitive data at rest and in transit, with enterprise (or jurisdictional) control over encryption keys.

## Data Residency Controls

Ensures that data is created, processed, and stored within defined legal or geographic boundaries, aligning with local and international data sovereignty requirements.

## Sovereignty Monitoring & Auditing

Continuous monitoring for compliance with sovereignty policies, and robust auditing to provide evidence of adherence for regulators and stakeholders.

## Contractual & Legal Safeguards

Embeds sovereignty-specific clauses in contracts, SLAs, and vendor agreements to address jurisdictional risks and ensure legal compliance.

## Dedicated Cloud Infrastructure

Guarantees full control with infrastructure legally and operationally confined to your jurisdiction.

## Confidential Computing

Leverages hardware-based Trusted Execution Environments (TEEs) to process sensitive data while it remains encrypted, protecting it even during processing.

## Governance Frameworks

Clearly defined roles, processes, and procedures for maintaining and enforcing sovereignty controls, including risk management and periodic compliance reviews.



# UPC Sovereign Cloud

## Resilient. Secure. Ready.

UPC Sovereign Cloud is engineered to guarantee **data, technical, legal** and **operational sovereignty**. Its sovereign-by-design foundation empowers enterprises to meet the world's strictest **data laws**, including the EU's GDPR, the U.S. CLOUD Act, India's DPDP Act, etc., while ensuring business continuity and trust at scale.

### Jurisdictional Isolation

- Physical & logical separation into **sovereign-compliant zones**
- **Data residency & jurisdictional controls ensure** data storage, processing, and management are done within required national boundaries

### Regulatory Compliance Automation

- Built-in controls aligned with **GDPR, U.S. CLOUD Act**, and other **sovereignty acts**
- Continuous compliance with **ISO 27001, ENS & 50+ national audit frameworks**
- **Comprehensive monitoring & auditing** with detailed logging and audit trails
- Automated compliance drift **detection & remediation**

### Identity Access Management & Governance

- **RBAC/ABAC** tied to jurisdictional attributes
- Immutable **audit trails** accessible to regulators
- **Zero-Trust security** for continuous authentication, authorization, and verification across users, devices, and services



### Resilience at Sovereign Scale

- **Multi-AZ & multi-region** disaster recovery strategy within sovereign boundaries
- **Real-time replication & instant failover with customizable RTO/RPO**

### Operational Sovereignty

- Bring Your Own Key (**BYOK**) / Bring Your Own Hardware Security Module (**BYOHSM**)
- **End-to-End Encryption (E2EE)** protects data at rest and in transit
- **Confidential computing**, hardware-based Trusted Execution Environments (TEEs) secure data in use
- **Isolated and single-tenant architecture** ensures compliance and security

### Core Cloud Infrastructure

- **99.999% high availability, VMware ESXi virtualization, all-flash storage (100k+ IOPS)**, optimized for mission-critical workloads
- **Software-defined Infrastructure** with **100G+** SDN bandwidth for isolated, secure sovereign connectivity, **100k+ IOPS All-Flash NVMe storage**
- **Kubernetes orchestration, containerized apps, and AI workload support**
- **AI-driven observability, FinOps integration, and automation** with UnityOne.ai
- **Flexible deployment options**, private, hybrid, or multicloud with GPU-enabled scaling for AI and advanced analytics

Together, these engineering pillars ensure enterprises can safeguard sensitive data, maintain continuous compliance, and achieve resilience against both cyber and geopolitical threats.



# Trusted by Highly Regulated Industries

Enterprises in **highly regulated** and **data-sensitive** sectors trust UPC Sovereign Cloud to ensure compliance, protect critical assets, and maintain operational sovereignty.



## Healthcare

Protects sensitive patient data, ensuring compliance with HIPAA, GDPR, and other local privacy laws

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## Financial Services

Supports stringent regulatory oversight with data residency, operational sovereignty, and protection of PII

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## Public Sector & Government

Secures classified and national security data with full local control and compliance with national laws

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## Technology

Enables secure AI, ML, and big data workloads under data sovereignty and IP protection mandates

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## Telecommunications

Meets critical infrastructure and telco-specific regulations with local data localization and security controls

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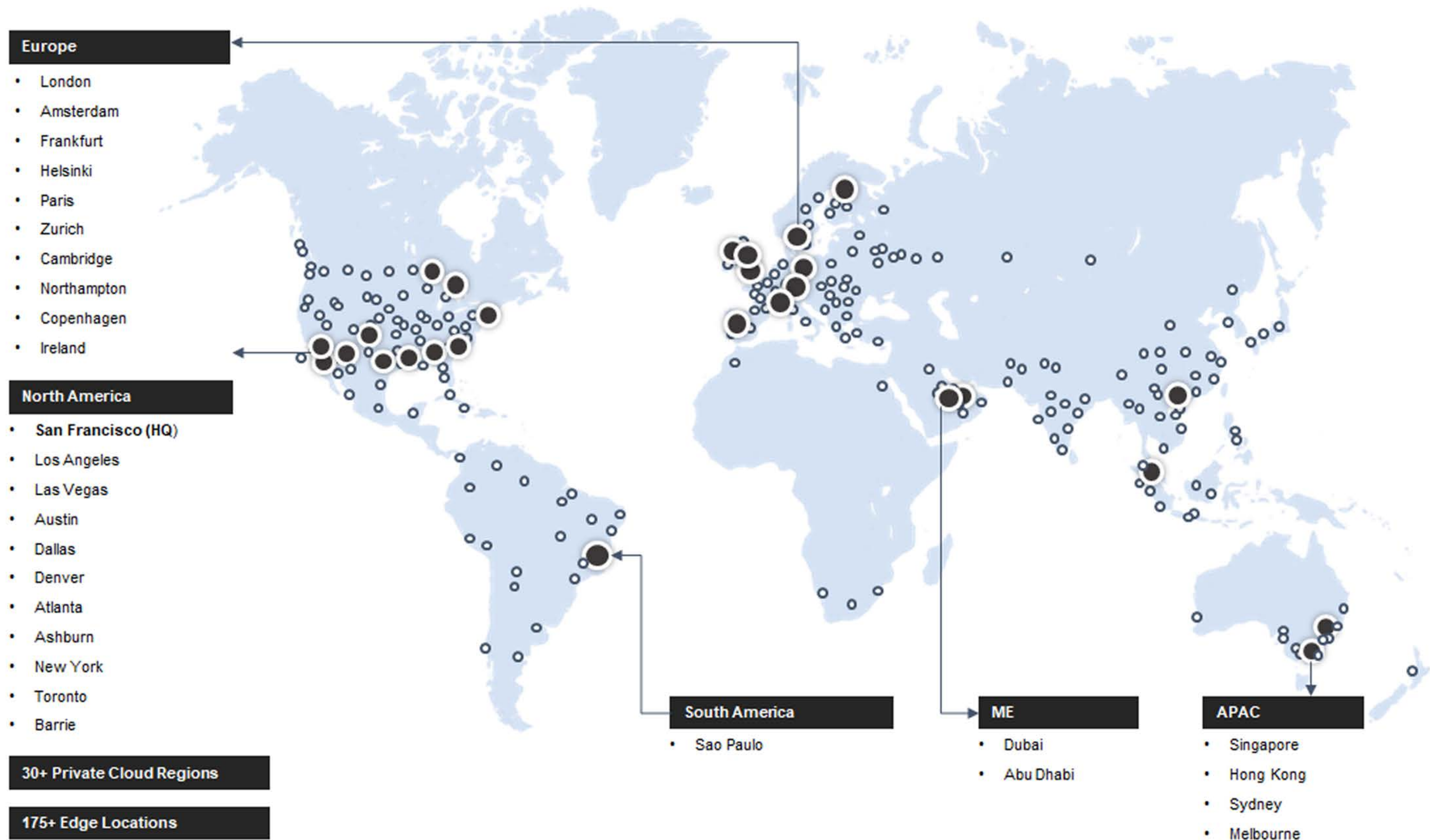
## Legal & Consulting

Protects confidential client data with rigorous control and compliance features within required legal jurisdictions.



# Global Presence

UPC Sovereign Cloud is backed by **30+ private cloud regions** and **175+ edge locations** worldwide, enabling enterprises to meet stringent data residency and sovereignty requirements no matter where they operate.





# Rethink Cloud, Rethink Sovereignty

Data sovereignty laws are increasing in complexity and enforcement worldwide. The EU's **GDPR** imposes rigorous data protection requirements with heavy penalties for violations, while the US **CLOUD Act** compels cloud providers to disclose data stored overseas.

Non-compliance risks lead to severe fines, criminal liabilities, reputational damage, and loss of customer trust. Coupled with cyberattacks and geopolitical instabilities targeting sensitive data, the sovereign cloud is the only sustainable path for enterprises.

## 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**

**Stay ahead of evolving compliance and security challenges.** Contact us for a customized sovereignty roadmap:

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