

# VMware Cloud Services

## scalable, secure, and reliable cloud solutions

US Signal establishes a benchmark in VMware cloud services, delivering exceptional performance, security, and reliability tailored for enterprises. Our secure enterprise cloud solutions are meticulously designed to address even the most complex deployment requirements, ensuring businesses can scale seamlessly with confidence. With a 24/7 operational commitment, we empower organizations to harness the transformative potential of cloud technology. Our infrastructure is fortified with advanced security protocols and redundancy measures, allowing clients to focus on their core objectives while we manage their cloud needs.

### Technical Overview

US Signal offers two versions of VMware cloud: Multi-Tenant and Private Cloud hosting. VMware's Multi-Tenant cloud and Private Cloud hosting models cater to distinct operational needs and scalability requirements. In a Multi-Tenant cloud environment, multiple organizations share the same underlying infrastructure while maintaining their own isolated environments, thus optimizing resource utilization and reducing costs through economies of scale. This model is particularly beneficial for businesses seeking flexibility and rapid deployment capabilities, as it allows for dynamic scaling based on demand without the need for significant upfront investment in hardware. In contrast, private cloud hosting is dedicated solely to a single organization, providing greater control over data security, compliance, and customization tailored to specific business needs. This model is ideal for enterprises that handle sensitive information or require stringent regulatory adherence, as it offers enhanced privacy and performance.



### At-A-Glance:

- Flexible resource allocation
- Access to Cloud Director management portal
- Compliance with HIPAA and PCI requirements
- Secure your cloud with policy-based controls
- Access to MPLS, Virtual Ethernet Service, or VPN to securely connect workloads



## Multi-Tenant Cloud Solutions

Multi-Tenant Cloud services are customer-managed data centers that allow you to create and manage virtual machines within our multi-tenant cloud infrastructure. These machines reside on solid-state disks or high-performance storage arrays with a service level objective of fewer than 8 milliseconds of latency. Our cloud director management portal lets you control your servers from any location with internet connectivity.

Primary features include:

- Choose the computing resources that meet your multi-tenant cloud services needs.
- Connecting to workloads through our multi-protocol label switching (MPLS), virtual Ethernet service (VES), or virtual private network (VPN) tunnel.
- Managing your workloads securely from a publicly accessible cloud director portal.
- Maintaining security and management in your cloud environment with policy-based controls.
- Configuring virtual machine reservations, shares, and limits.

## Private Cloud Hosting

US Signal's private cloud hosting services deliver some of the industry's top computing benefits, including customizable control, robust security and high levels of dependability and performance. We offer these services with single-tenant or multi-tenant storage resources to meet your operation's unique needs. Our private cloud solutions comply with the Health Insurance Portability and Accountability Act (HIPAA) and payment card industry (PCI) regulations to ensure peak protection for data-sensitive applications.

Our VMware® hypervisor lets you tap into cloud innovations within the familiarity of your original private cloud infrastructure — plus the ability to integrate applications requiring direct hypervisor access. Our secure, state-of-the-art data center network ensures peak connectivity, reduced downtime and worry-free security.

We offer connectivity through our private multi-protocol label switching (MPLS) or virtual private network (VPN) terminations.

- Choice of local or regional compute and data storage.
- Full use of hypervisor for direct, remote access to your Single Tenant Cloud environment.
- Ability to meet HIPAA requirements for security, logging and physical retrieval of data-storage media.
- Third-party software for replication or backup if desired.
- Industry-leading service level agreement to replace failed hardware in your Single Tenant Cloud.
- Purchase monthly subscriptions to Microsoft software products through US Signal or bring your own license.
- Pair with VMware Horizon View licensing to make Single Tenant Cloud the destination of your Virtual Desktop Infrastructure environment.
- Improve both security and disaster recovery by removing data-at-rest from client devices by hosting VDI in Single Tenant Cloud.
- Leverage the economies of scale of cloud architecture and increase the flexibility of your workforce by hosting VDI in Single Tenant Cloud.