



## At a Glance

- Full access to the VMware hypervisor and management components of your HPC environment
- Dedicated compute and storage resources
- Connectivity to HPC workloads through US Signal private MPLS or VPN terminations
- Industry leading service level agreement to replace failed hardware in HPC environment
- Subscription based access to Microsoft Operating System and application licensing in your HPC
- Environment located in US Signal data center equipped with emergency generators, redundant HVAC and monitored secure physical access

## Service Level Agreement

Hosted Private Cloud failed hardware will be replaced within 4 hours. Hardware replacement includes the installation and powering-on of identified failed hardware.

## Compliance

US Signal's HPC solution is built using HIPAA and PCI security standards helping you achieve your compliance requirements

# Hosted Private Cloud

US Signal's Hosted Private Cloud (HPC) provides customers a customizable solution with dedicated compute and storage resources. Full access to the hypervisor allows you to integrate applications or solutions that require direct hypervisor access.

## Technical Overview

### Dedicated Infrastructure

Dedicated server infrastructure sized by US Signal architects to meet the requirements of your solution.

- Cisco UCS B200 Series Blades
- Dual Xeon E5-2600 processors
- Memory requirements sized by US Signal Architects
- Up to 80 Gbps I/O throughput

**Storage Options** - Access to US Signal's multitenant block storage or dedicated storage arrays depending on technical storage requirements or your compliance requirements.

**Access** - Full access to the underlying VMware hypervisor will allow you to integrate any data protection, monitoring, or applications that require full access to the VMware API.

**Connectivity** - Access your workloads and management infrastructure via US Signal MPLS connectivity or private VPN connectivity terminated on your US Signal managed security platform.

## Enhancements

**OS Licensing** - Optional Microsoft application licenses for instances of, but not limited to, Microsoft Exchange, Microsoft SQL Server, and Remote Desktop Services running within your Hosted Private Cloud environment.

**Remote Monitoring and Management** - Cover all your workloads with US Signal's Remote Monitoring and Management platform to offload the management, patching, and monitoring of your critical workloads.

**Data Protection** - Protect workloads running inside your Hosted Private Cloud with US Signal's backup or real time replication data protection offerings.