

RESOURCE POOLS

US Signal Resource Pools are powered by VMware Cloud Director to provide you with pools of dedicated or flexible virtual compute resources backed by a carrier grade, highly available, compute and network infrastructure.

AT-A-GLANCE

- + Choose between dedicated or flexible Resource Pools to meet the resource requirements for your solution
- + Connectivity to Resource Pools workloads through US Signal's private MPLS/VES, VPN tunnels, or MPLS NNI
- + Securely manage workloads in your resource pools from a publicly accessible Cloud Director management portal
- + Maintain security and control over your environment with policy-based user controls
- + Take advantage of US Signal's Microsoft SPLA agreement for licensing Windows operating systems and applications in your Resource Pools

TECHNICAL OVERVIEW

US Signal's Resource Pools are customer-managed virtual data centers where you can create and manage virtual machines residing in US Signal's carrier grade, multi-tenant cloud infrastructure. All virtual machines reside on high performance storage arrays or solid state disks and have a Service Level Objective of less than 8ms of latency. The Cloud Director management portal allows you to manage your servers with policy-based user controls from anywhere with Internet connectivity. US Signal manages and offers multiple data centers, allowing you to build geographically redundant workloads.

- + 10 Gbps converged network connectivity
- + Dual homed Fiber Channel or iSCSI storage connectivity
- + vSphere DRS enabled
- + 40 Gbps carrier-grade upstream connectivity

Dedicated Resource Pools

- + 100% dedicated compute, memory, and storage resources
- + Configure virtual machine reservations, limits and shares
- + Manage your own over-subscription

Flexible Resource Pools

- + Dynamic availability of compute and memory resources based on available resources
- + 100% dedicated storage resources



RESOURCE POOLS TECH SHEET

SERVICE LEVEL AGREEMENT

The US Signal multi-tenant Resource Pools environment has been built using a highly available reference architecture with multiple ingress/egress network points, redundant storage paths, and compute resource redundancy. Backed by carrier grade network and compute infrastructure, US Signal provides an industry leading 100% available SLA covering both dedicated and flexible resource pools.

COMPLIANCE

The US Signal Resource Pools solution is built using HIPAA and PCI security standards helping you achieve your compliance requirements.

- + Execute a Business Associate Agreement with US Signal
- + Annual audits with available reports
- + Secure logging of hosted virtual infrastructure

ENHANCEMENTS

US Signal Third-Party Licensing

Microsoft OS licenses are included as part of the Resource Pool offering.

US Signal is a Microsoft Authorized Mobility Partner which allows you to deploy your own eligible Microsoft licenses with active Software Assurance through License Mobility and Extended Use Rights.

As an alternative to deploying your own Microsoft licenses in our cloud, utilize US Signal's SPLA agreement for Microsoft Application licenses including but not limited to, Exchange, SQL Server, and Remote Desktop Services

Tenant App

If this premium add-on has been enabled and collected data, you will be able to view historical and real-time utilization metrics of the Org vDC, vApps, VMs, and associated networks. The Tenant App will provide the user with data on well over 700 metrics in the dashboard to drill into, graph, compare, and export.

Multi-site Cloud Director

If you are utilizing multiple Resource Pools, you may 'federate' your vOrgs by configuring Multi-site within Cloud Director. This allows administrators to view and manage all Resource Pools from a single Cloud Director URL as well as set this multi-site access permission on an individual user basis.

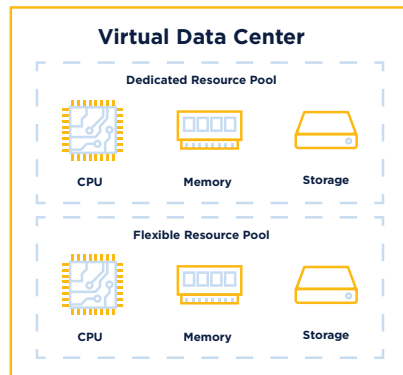
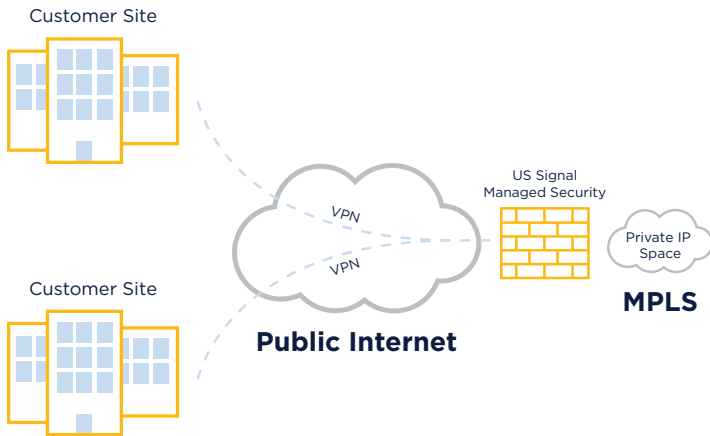
Managed Security

- + Website & Application Security and Performance
- + 20+ Tbps DDoS Mitigation
- + Managed Firewall
- + Customer may also bring their own virtual firewall or VPN terminator

CONNECTIVITY OPTIONS

Private VPN Connectivity

Pair Resource Pools with US Signal's Direct Internet Access and Managed Security solutions to terminate private VPN tunnels to a dedicated US Signal provided firewall.



US Signal MPLS/VES Connectivity

Utilize your US Signal MPLS or VES network solutions to provide private connectivity to US Signal's Resource Pools workloads.

