



# SAP<sup>®</sup> on UnitedPrivateCloud

Unmatched Availability, Performance, and Security

SAP systems are adopted by  
over 440,000+ customers across 180+ countries.

Most of these customers are on the path of cloud transformation in some shape and form to meet the continuously changing business needs, increase agility, flexibility and reduce cost of operations.

SAP acts as the backbone of an enterprise. It is a business-critical application that sits at the core of an organization. SCM, Financials, HCM, HANA databases, etc. are integral to the bottom line of the business. These systems ensure that systems are operational and available to the end customers and employees. Such critical applications can have catastrophic repercussions in case of failure, even if it is a matter of a few minutes or hours.

While cloud adoption is growing rapidly and businesses acquire huge benefits from it, there are some challenges that act as inhibitors. The most common concerns that businesses face while migrating from an on-premises system to the cloud are around **data security, increased latency, downtime, and cost**. SAP systems cannot compromise on performance and require high levels of security and availability.

Running SAP on premise is a huge expenditure and sometimes moving to the cloud seems like a tradeoff between performance & security vs. cost. UnitedPrivateCloud has spent over 15 years in perfecting cloud solutions to address enterprise needs. Our UnitedPrivateCloud provides a very high-performance software-defined cloud solution at the most cost-effective price points, helping customers convert their CAPEX to OPEX. Dedicated resources ensure unmatched performance and high security.

Now customers can spend their time on managing business-critical tasks while operational management and business continuity is automatically ensured by the cloud.

Our UnitedPrivateCloud will transform your SAP landscape with enhanced availability, performance, and security. UnitedPrivateCloud offers a highly secure enterprise-grade private cloud with end to end 24x7x365 support. We help enterprises enhance performance by taking away the responsibility of managing datacenters to support their SAP investments.



The following features illustrate how UnitedPrivateCloud assists in the smooth and optimal functioning of your SAP applications.

## Performance Assurance

SAP Applications require enhanced compute capabilities to ensure high performance and power business-critical applications. UnitedPrivateCloud leverages VMware ESXi; which ensures that systems are highly agile. Software-defined all-flash storage with 100K+ IOPS ensures that all systems and applications can perform optimally and exceed standard performance benchmarks.

Networks are efficiently optimized to handle evolving workloads. Our cloud is built on an advanced network that can support networking from 10G-100G with redundant pipes, which is significantly higher speed and lower latency than public clouds. The highly agile and high performance UnitedPrivateCloud amplifies the performance of your SAP workloads with minimum strain on managing performance parameters.

## Availability and Resiliency

SAP applications are the backbone of mission-critical workloads in most organizations and require the highest levels of availability and resiliency. UnitedPrivateCloud UnitedPrivateCloud provides 99.999% uptime SLA ensured by high availability N+M Clusters, which ensures that applications can run without disruptions. The N+M node configuration dynamically replaces failed nodes with new nodes providing extremely high availability of 99.999%.

Achieve smooth business continuity with the highly resilient UnitedPrivateCloud solution. Customizable Disaster Recovery solutions are highly secure and compliant to all the industry-leading compliance standards like the Health Insurance Portability and Accountability Act (HIPAA), PCI and NIST 800-53.

UnitedPrivateCloud can provide an RPO of less than one minute to protect organizations from unscheduled downtimes. UnitedPrivateCloud flexibility allows for aggressive RPO and RTO measures to meet application standards and ensures a highly resilient performance.

## Securing SAP Data in the Cloud

The data within the SAP databases and applications are sensitive and mission-critical and require the highest standards of security and encryption. Data at rest and data in transit are encrypted to ensure security during data migration. The UnitedPrivateCloud virtual data center offers locked-down infrastructure security and eliminates the noisy neighbor problem. This infrastructure is not shared, as resources are dedicatedly allocated which isolates your systems and ensures maximum security.

Network infrastructure is protected through various dedicated firewalls, that offer up to 7 layers of protection to SAP data on the cloud. UnitedPrivateCloud uses network security software for IDS/IPS which monitors the network traffic 24x7 for any cybersecurity attack/breach. UnitedPrivateCloud immediately isolates this traffic, filters it, and then engages with the attack vector for further investigation and remediation.

## Flexibility & Scalability

Choose customized VM shapes and sizes that are flexible and adapt to the needs of growing workloads. Our cloud offers a pool of resources, which support all types of RAM requirements scalable up-to 6 TB of RAM per virtual machine. Enjoy the freedom of dynamically allocating resources to workloads that require more RAM capacity.

SAP applications offer an extension of functionalities to support growing business as they expand. Our software-defined cloud helps in meeting increasing business demand. With the high scalability offered by UnitedPrivateCloud, match and optimize your changing compute needs, all while maintaining amplified performance, flexibility, and high availability.



## Competitive TCO

Establishing and running data centers is very capital intensive. The UnitedPrivateCloud allows enterprises to run their businesses with lower costs while providing higher performance, faster throughput, and higher processing power. Achieve higher performance benchmarks with the UnitedPrivateCloud at a much lower TCO than leading public clouds. Our UnitedPrivateCloud is a private cloud that guarantees lower TCO.

UnitedPrivateCloud helps you in moving from a capital expenditure to an operational expenditure cloud. Customers of UnitedPrivateCloud do not own the underlying infrastructure assets allowing them to maintain better liquidity of funds. This helps not only in reducing costs but also reduces the management of the infrastructure.

The customers do not have to pay any overhead costs as the hardware is completely managed and supported by UnitedPrivateCloud and this reduces the customer's interaction with the underlying infrastructure.

## Superior Governance

Good governance is the key to the optimal utilization of cloud resources, especially with the heightened requirements of SAP applications. Governance reports are generated on a weekly, monthly, quarterly, and annual basis, which organizations can leverage for superior governance. We guarantee a 15-minute response SLA ensuring immediate acknowledgement and fast resolutions.

UnitedPrivateCloud offers state of the art monitoring and governance with the help of its SaaS platform UnityOneCloud. Keeping a track of changes made by users to the infrastructure at any given time, along with their IP addresses, administrators can keep a better track of resources and systems to make informed decisions. Based on regular governance reports, users can customize resources and performance parameters based on consumption trends.

## Unmatched Support Capabilities

UnitedPrivateCloud guarantees fully managed 24x7x365 support with a 15-minute response time SLA. These services are supported by highly trained certified experts and skilled technicians.

UnitedPrivateCloud also provides you full management capability using its SaaS MultiCloud Management Platform, UnityOneCloud, which enables you to visualize, monitor, manage, and automate your cloud resources remotely.

## Simplifying the SAP Cloud Journey

IT leaders around the globe use the UnitedPrivateCloud's private cloud to simplify and accelerate their cloud journey for SAP. UnitedPrivateCloud connects the on-site environment to your choice of your public or private clouds using an advanced interconnect system known as UnitedConnect. The company's SAP cloud solutions optimize performance, flexibility, and availability for SAP applications across the board, and connect these applications to the customer's Multicloud infrastructure.

	UnitedPrivateCloud	Public Cloud
Availability	Guaranteed SLA:99.999%	Public Cloud SLA:99.95%
Contract Terms	On-Demand (MTM), 1 year, 2 year, 3 year	On-Demand, 1 year, 3 year
Scalability	On-demand scalability	Hyperscale
Compute Performance	VMware ESX 6.7 with HA, N+M Nodes, DRS	Xen based, Noisy neighbor problem
Storage	All Flash Software Defined HA Storage, 100k IOPS	Mixed technologies, 0-25K IOPS
Network	10g/40g HA Network	1g/10g shared network
Security & Compliance	Virtual Private Cloud locked down security compliant	Public shared infrastructure
Flexible VM Shape	Allocate CPU and RAM resources based on requirement	Lock in of fixed shapes and sized
Cost	~30% cheaper than leading cloud providers; No extra charge for network traffic	Cost growth
Support	24/7 fully managed Support with 15 minute response time	Self service
Managed Security	One-click-deploy Fully Managed Firewall, Load Balancer, Anti-Virus (cisco, Juniper, F5, Citrix, TrendMicro)	Purchased thru Cloud marketplace, no management
Managed Database	One-click-deploy Fully Managed Databases (microsoft SQL, MySQL, PostGreSQL, Oracle, HANA)	Purchased thru Cloud marketplace, no management
Managed System	Operating system monitoring, patching, management	Not Available

## UnityOneCloud Single Pane of Glass

UnityOneCloud is a Multicloud management platform for managing your hybrid cloud, i.e. data centers, power distribution units (PDUs), bare metal servers, networking devices, private clouds, and public clouds. In order to avoid underutilization or overutilization of resources, UnityOneCloud provides real-time analytics and unites all the available infrastructure solutions into a single platform. Receive regular alerts on device utilization and status based on the customized rules designated during setup.

UnityOneCloud's Multi-Cloud Automation provides push-button automation of specific activities, such as migration of workloads, instance backup or installation, and configuration management through the Multicloud network.

### Contact Us

For more information, please contact us at [sales@unitedprivatecloud.com](mailto:sales@unitedprivatecloud.com) or visit us at [www.unitedprivatecloud.com](http://www.unitedprivatecloud.com).

## About UnitedPrivateCloud

UnitedPrivateCloud is a Multicloud expert with a specialization in hybrid cloud infrastructure. We provide enterprise-grade private clouds, disaster recovery, security, and infrastructure management services for leading public clouds (AWS, Azure & GCP). UnitedPrivateCloud is the world's expert in building software-defined Private clouds and is known for providing software-defined private cloud solutions with all the benefits of cloud computing along with greater controls and security of an enterprise-grade private cloud.