



VDI Solutions for Telehealth

Set up, scale, and support telehealth. NetApp® solutions for VDI provide secure, low-latency access and availability to patient information and virtual care delivery workflows.

Connect to critical data and applications

- Secure, anywhere access to patient data, including medical images

Simplify deployment, reduce operational costs

- Certified converged infrastructure speeds application deployment with low-maintenance operation

Scale on demand, when and where you need it

- Cloud-enabled elasticity to reduce capital and operational costs

Telehealth is a proven path to expand and improve access to care. But with it comes increasing demand for infrastructure technology with proven security, performance, reliability, and scale.

Virtual desktop infrastructure (VDI) solutions give you the building blocks to support wide-spread deployments without sacrificing performance. Cloud-based file services make it simple.

NetApp technology has been instrumental in the virtualization of 98% of Tucson Medical Center's more than 700 applications. In addition, it allows TMC to support its 1,300 users concurrently.

“Everything that we have, systems-wise, runs – and runs more resiliently because of NetApp storage.”

Systems and Network Manager, Tucson Medical Center

Anywhere access. Any time. Any device.

VDI-enabled telehealth removes the physical barriers that complicate and delay patient-provider interaction. Clinicians have secure access to critical patient data from any device, at any time, streamlining screening, diagnosis, and treatment.

Data protection. Everywhere your data is.

Comply with stringent governance, risk, and compliance requirements with confidence. The NetApp ONTAP® data management built-in security features protect data at rest and maintain data encryption in transit for your backup and disaster recovery data by using Transport Layer Security. Prevent system compromises with multifactor authentication, and designate and validate users with role-based access control.

Unmatched scalability. Uncompromised performance.

Easily accommodate data surge and high-capacity, resource-intensive applications including medical imaging. NetApp HCI delivers independent scale and QoS to maximize resource and capacity utilization. Nondisruptive scaling means no downtime and uninterrupted access to critical data.

“NetApp HCI allows me the flexibility to scale. It allows me to increase performance, increase storage, based on my needs on demand. It allows me to adjust my technology solution based on the constantly changing needs of hospitals like ours.”

CIO, Children's Mercy Hospital

Simplified deployment. Lower TCO.

Leveraging a validated and converged infrastructure, NetApp solutions for VDI streamline deployment and reduce maintenance. NetApp HCI requires 92% less administrative time in VDI environments. Purpose-built FlexPod® for high-capacity VDI helps you quickly provision new users with easy configuration and management, reducing both operational and capital costs.

Expert guidance from experienced healthcare leaders.

Whether you're standing up or scaling a telehealth program for precaution and prevention or responding to the increasing need for on-demand acute care, we have the expertise and resources to streamline your efforts and deliver success.

Our healthcare team includes former hospital IT leaders with firsthand understanding of your challenges and environment. We share your commitment to expanding and improving access to care, and we welcome the opportunity to collaborate with your institution to accelerate movement toward that goal.

NetApp Solutions for Virtualized Environments

Cloud-based VDI

NetApp can help you build and deploy cloud-based end-user computing (EUC) and virtual desktop infrastructure (VDI) today – including Windows Virtual Desktop and Citrix – and maintain the performance required for demanding workloads and widespread deployment. Now covered under the Microsoft HIPAA BAA, Azure NetApp Files and Cloud Volume Services help you manage VDI shared storage resources across vendors and regions.

- Easily migrate persistent desktops and home directory data from your premises
- Support roaming users from cloud region to cloud region
- Avoid challenges of vendor lock-in
- Address hybrid VDI requirements

On-premises VDI

EUC and VDI solutions powered by NetApp HCI and FlexPod can help your organization stand up a scalable care-from-anywhere infrastructure, allowing users to securely access applications and data with any device, at any time, from any location.

- Provide scalable VDI resources for clinical and administrative users via cloudlike services
- Provide flexible compute (GPU and CPU) and storage options (cloud, block file, object)
- Provide dynamic QoS for multi-app environments to avoid “noisy neighbor” issues

NetApp Services

Professional Services for NetApp HCI implementation and hybrid multicloud

These key service offerings are designed to help you quickly and securely configure, deploy, and move data for optimized hybrid cloud solutions to enable faster technology adoption.

Hybrid cloud insights

By predictively assessing high-traffic demands, NetApp can help you proactively protect and optimize your hybrid cloud infrastructure. We can analyze capacity trends over the next 30 days and identify applications that might be running hot or storage systems that are overburdened. We also offer a range of tools to give you visibility into your complete infrastructure, both in the cloud and on the premises.

- **New: Predictive risks.** Now available in NetApp Active IQ® for systems that are reaching performance or capacity limits to make it easier for you to distinguish those risks from normal risks.
- **NetApp Cloud Insights.** Provide visibility into your complete multivendor, multicloud infrastructure with advanced data collection and analytics capabilities. Monitor, troubleshoot, and optimize all your resources, from public clouds to your private data centers.
- **NetApp Active IQ.** Monitor the health of all your NetApp systems. Fueled by telemetry data from more than 300,000 systems, Active IQ uses artificial intelligence and predictive analytics to give you prescriptive guidance on how to proactively optimize your infrastructure.
- **OnCommand® Unified Manager.** Monitor the health, availability, capacity, performance, and data protection status of your on-premises AFF and FAS systems.

NetApp Data Services

- **Data protection, replication, and continuous availability.** NetApp ONTAP data management software can simplify data protection with set-it-and-forget-it policy management, while delivering business continuity with MetroCluster™ software and zero RPO for critical application data. ONTAP SnapMirror® offers fast, efficient, array-based data replication for backup, disaster recovery, and data mobility. MetroCluster delivers continuous availability to protect data by implementing two physically separate, mirrored clusters.
- **Data synchronization.** NetApp Cloud Sync enables secure, fast, automated replication and synchronization service for transferring data between on-premises and cloud object stores.
- **Data mobility.** NetApp ONTAP can be deployed on the premises (running on AFF and FAS systems) and in the cloud (Cloud Volumes ONTAP) to enable simplified data management across your hybrid cloud. You can move data to all three main public clouds, and then move it back on your premises, helping to build a robust disaster recovery architecture.
- **Automated data tiering.** ONTAP FabricPool enables you to tier cold data between sites and clouds based on business rules and to quickly add cloud capacity while also freeing up high-performance on-premises AFF all-flash capacity to consolidate more enterprise applications.

Learn More

[NetApp Solutions for Healthcare](#)
[Windows Virtual Desktops](#)
[VDI Solutions with NetApp HCI](#)
[VDI Solutions with FlexPod](#)
[Cloud Volumes ONTAP](#)

About NetApp

NetApp is the leader in cloud data services, empowering global organizations to change their world with data. Together with our partners, we are the only ones who can help you build your unique data fabric. Simplify hybrid multicloud and securely deliver the right data, services, and applications to the right people at the right time. Learn more at www.netapp.com. #DataDriven