

Scalable Solution for Healthcare IT
 Large hospitals & health systems
 Single facility hospitals and clinics
 Multi-location practices satellite
 and affiliate clinics

Meeting Healthcare IT Requirements with Nutanix Enterprise Cloud Platform



Nutanix healthcare reference customers and partners



THE SCALABLE SOLUTION FOR HEALTHCARE IT

Security, compliance, mobility, EHR/EMR are among top of the mind priorities for healthcare IT CIOs and their teams. Healthcare organizations across the world are tasked to support a large number of caregivers and provide access to hundreds of healthcare applications. To address these and other challenges, healthcare organizations of all sizes are turning to Nutanix Enterprise Cloud Platform. Nutanix delivers consistent high performance for healthcare environments with simplified management, proven security, and the flexibility to address the unexpected.

Even as they work to provide and improve patient care, healthcare providers worldwide are under constant and growing financial and regulatory pressures. Healthcare providers need to become more agile while maintaining lower costs in order to adapt to this rapidly changing landscape. Nutanix's next-generation datacenter technology aligns with the needs of healthcare systems—locally, regionally, and even at the national scale—by increasing flexibility, reducing complexity, and improving performance while lowering both initial and long-term costs.

VDI for total user mobility – Nutanix Enterprise Cloud Platform is best suited for healthcare IT teams to deliver consistent user experience, security and anytime, anywhere access across all devices in all locations. As a result, desktop users, mobile users, follow-me desktops and clinician desktops gain immediate access to all applications at the point of care. Nutanix solutions are Citrix Ready and validated for XenDesktop/XenApp on Nutanix AHV, Microsoft Hyper-V and VMware ESXi. Nutanix joint reference architectures for VMware Horizon 7 and Horizon DaaS accelerate app and desktop virtualization deployments for customers.

Unique performance architecture maximizes resource availability – Converging server and solid state storage yields faster application response times and overall operational performance. Logins are faster and data access is accelerated. Nutanix appliances also deliver optional acceleration of graphics-intensive services for high speed delivery of PACS images and rendering of 3D imaging applications.

Out-of-the-box deployment for server virtualization and private cloud – Ideal for distributed environments and branch or satellite facilities, Nutanix nodes deploy in 30 minutes or less, providing standardized—yet powerful—infrastructure for healthcare locations lacking onsite IT specialists. Nutanix is ideal for multi-site health systems with tens to thousands of sites.

Lower costs for operations and equipment – The Nutanix Enterprise Cloud Platform reduces the expense and management overhead from SAN and NAS arrays. Pay-as-you-grow—adding resources one node at a time—enables growth to match business demands, supports data retention requirements and eliminates major CapEx hits. Standardized, non-proprietary hardware components assure ease of management and lower costs.

Superior disaster recovery capabilities – The Enterprise Cloud Platform delivers exceptional disaster recovery (DR) and continuity of business capabilities via native backup and replication for any hosted VM. Patient data is 100% protected via full replication. All data is de-duplicated and transmitted with byte-level granularity for maximum efficiency and space savings. Regulations—such as HIPAA, HITECH, PIPEDA, and the requirements of national healthcare systems—can be easily satisfied.

THE IDEAL PLATFORM FOR VIRTUALIZATION TO ADDRESS HEALTHCARE IT NEEDS

The Nutanix Enterprise Cloud Platform leverages web-scale engineering and consumer-grade design to natively converge compute, virtualization and storage into a resilient, software-defined solution with rich machine intelligence. With a simple scale-out architecture, Nutanix delivers cost savings and predictable scalability for even the most intensive workloads. Nutanix's advanced architecture delivers high availability across all system components so critical applications are always available.



YOUR ENTERPRISE CLOUD PLATFORM

| FEATURE | IT BENEFIT | BUSINESS BENEFIT |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Integrated Compute & Storage | <ul style="list-style-type: none"> Simplified management More “bang for the buck” Web-Scale architecture enables linear scalability | <ul style="list-style-type: none"> Lower total operating costs Lower capital expenditures Fewer hardware and software license requirements for greater cost efficiencies |
| Solid-state Memory Boot & Storage | <ul style="list-style-type: none"> Highest performance responsiveness Faster refresh of desktops Efficient handling of hi-resolution images" | <ul style="list-style-type: none"> Faster log-ins Higher ROI Better performance for radiology |
| Redundant Data Storage/Replication | <ul style="list-style-type: none"> More resilient data backup and disaster recovery Meets most aggressive RTOs (Recovery Time Objectives) Addresses virtually any RPO (Recovery Point Objective) | <ul style="list-style-type: none"> Minimal down-time Business continuity |
| Predictive Scaling | <ul style="list-style-type: none"> No forklift upgrades Seamless operations Centralized management | <ul style="list-style-type: none"> Reduced up-front costs Pay as you grow Ideal for national healthcare systems |
| Small Hardware Footprint | <ul style="list-style-type: none"> More efficient rack utilization Simplified management | <ul style="list-style-type: none"> Reduced demand on Facilities Lower power and cooling expenses |
| Multi-hypervisor Support | <ul style="list-style-type: none"> Ease of management VMware ESXi, Microsoft HyperV and Nutanix AHV supported | <ul style="list-style-type: none"> Healthy ecosystem of proven standards-based products and solutions |
| Citrix Ready, VMware Ready | <ul style="list-style-type: none"> Reference architecture available Allows for quick deployment No new learning required" | <ul style="list-style-type: none"> Validated designs Faster time to value Peace of mind |
| Extensive Healthcare Ecosystem | <ul style="list-style-type: none"> No new management skills required Support for Cerner, Epic, Intersystems, McKesson | <ul style="list-style-type: none"> Leverage joint solutions Improve system performance |
| Multiple Workloads | <ul style="list-style-type: none"> Risk-free VDI for EHR High Performance Imaging Server Virtualization, ROBO | <ul style="list-style-type: none"> Single platform Reliable support Simplified IT operations |



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