

# MEDITECH EHR on Nutanix



## KEY BENEFITS

Nutanix Cloud Computing Platform delivers an industry-first HCI based solution for MEDITECH. Run full-stack MEDITECH Healthcare Information System (HCIS) alongside other virtualized applications and benefit from:

### Performance and scalability:

Start small and scale infrastructure as you grow with rapid provisioning without the hurdles of traditional infrastructure.

### Fast deployment and reduced operational complexity:

Get up and running in just hours and reduce overhead using simple, yet powerful management and unprecedented performance insight.

Nutanix Enterprise Cloud is the ideal solution to address MEDITECH's infrastructure requirements as Nutanix improves care provider productivity and significantly decreases risks with one-click operations, non-disruptive life cycle management, patient privacy and data security. Nutanix Enterprise Cloud is a dependable platform so clinicians and IT staff can focus on patient care instead of IT operations.

The Nutanix Enterprise Cloud solution is built on Hyperconverged Infrastructure (HCI). The Nutanix software consolidates servers, enterprise block and file storage into a unified platform, managed through a single interface, called Prism. Nutanix provides rich management for data protection, automation, networking, and security services.

Nutanix is the first-ever HCI software platform certified by MEDITECH, supporting Expanse, Client/Server 6.0, and MAGIC. Nutanix's MEDITECH certification was done in collaboration with MEDITECH, BridgeHead, and CloudWave. HCI represents a fundamental shift in how MEDITECH can be deployed and operated within a health network.

## DELIVERING MEDITECH INFRASTRUCTURE VIA NUTANIX ENTERPRISE CLOUD

With Nutanix you get more from less. Running MEDITECH on Nutanix you get unparalleled ease of use and flexibility with reduced IT footprint and cost. Simplify management and adapt easily with advanced features including high availability and multi-site disaster recovery.

With Nutanix, you can:

- Design the first and only MEDITECH solution that completely eliminates both Raw Device Mappings (RDM's) and storage area networking (SAN). This is made possible by Nutanix's Acropolis Hypervisor (AHV), an enterprise-class virtualization solution that has no additional software components to license, install or manage.
- High availability, multi-site disaster recovery, and data protection orchestrated via BridgeHead and MEDITECH's Backup Facilitator (MBF).
- Consolidate onto a web-scale platform that can serve all of your workloads, including Citrix XenApp, Citrix XenDesktop, and VMware Horizon View, to deliver the efficiency of fully web-based mobile HCIS in 80% less space than traditional datacenter infrastructure.
- Start small and linearly scale performance and capacity one node at a time— avoiding the overprovisioning inefficiencies common with three-tier infrastructure.

With Nutanix you can virtualize your entire MEDITECH environment on a single cost-effective, hyperconverged platform. Scaling is simple with Nutanix, allowing you to go from pilot to production and grow your business without redesigning your architecture or incurring downtime. To manage costs, you can pay as you grow your HCIS environment.

### OPTIMIZED FOR MEDITECH

MEDITECH, BridgeHead, Nutanix, and CloudWave teams worked together to develop an optimized platform for HCIS. The result is a set of features that improve physician productivity with faster results so they can get what they need, when they need it. Leveraging new technologies such as NVMe means that the platform is Enterprise ready and can support even the largest healthcare providers.

All of your server based MEDITECH services can be deployed on Nutanix. The Nutanix enterprise storage features mean that you can run MEDITECH File, Scanning and Archiving and HCIS Document Library servers on the same platform.

### FOCUS ON APPLICATION AVAILABILITY

With a true shared-nothing, fully distributed design and no single point of failure, Nutanix Enterprise Cloud exceeds the availability of traditional infrastructure. Should a hardware failure occur, the self-healing Nutanix architecture automatically restores full resiliency, reducing the risk of an outage and shortening the mean time to repair (MTTR). This capability decreases the stress that failures can create for IT teams.

Protect your environment with Nutanix Enterprise Cloud snapshot-based backups and data replication using VM-granular policies. These operations can be performed both locally and to multiple secondary locations augmenting application-level protection strategies to deliver infrastructure protection.

Nutanix one-click non-disruptive upgrades take the pain out of infrastructure lifecycle management, minimizing risk by making it easy to stay up to date. These capabilities extend to hypervisors and system firmware, allowing for simple end-to-end patching.

### SECURE BY DESIGN

The Nutanix architecture takes a security-first approach with built-in features that deliver defense in depth, including secure development processes, baked-in security baselines with continuous validation, microsegmentation, and data-at-rest encryption.

### GETTING STARTED WITH NUTANIX

With its flexible, scalable architecture, simplified management, and superior support for virtual desktops and applications, Nutanix Enterprise Cloud is the smart infrastructure choice for your MEDITECH deployment. To learn how Nutanix can help you move forward, contact Nutanix at [MEDITECH@nutanix.com](mailto:MEDITECH@nutanix.com), follow us on [Twitter @nutanix](https://twitter.com/nutanix), or send us a request at [www.nutanix.com/demo](http://www.nutanix.com/demo) to set up your own customized briefing.



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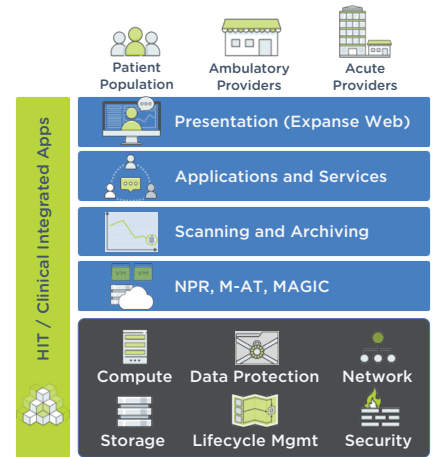


Figure 1: MEDITECH HCIS on top of Nutanix Enterprise Cloud

Nutanix makes infrastructure invisible, elevating IT to focus on the applications and services that power their business. 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. The result is predictable performance, cloud-like infrastructure consumption, robust security, and seamless application mobility for a broad range of enterprise applications. Learn more at [www.nutanix.com](http://www.nutanix.com) or follow us on [Twitter@nutanix](https://twitter.com/nutanix)

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