



# Roadmap to Real-Time Connected Healthcare

Transform the cost, quality, and delivery of your patient care

Caregivers and IT teams are increasingly more responsible for delivering successful outcomes, from the OR to the ER and from rural clinics to virtual encounters. Healthcare has become personal, and the opportunity now is to connect care in places and ways never before thought possible—all while keeping costs down and protected health information (PHI) safe.

VMware teams with leading healthcare organizations to reduce IT complexity while ensuring the delivery of real-time, connected healthcare that transforms the cost, quality, and delivery of patient care.

Check out how  
VMware solutions  
modernize healthcare IT.



# Digital Business Vital Signs

- ✓ **Satisfied patients** – Can you serve more informed consumers with increasingly personalized care?
- ✓ **Empowered clinicians** – Are you reducing caregiver frustration while improving productivity and information access wherever care happens?
- ✓ **Efficient IT operations** – Are your digital services reliable, affordable, and agile at scale?
- ✓ **Innovative developers** – Are you providing modern frameworks for digital invention and can you quickly advance new business opportunities?
- ✓ **Improved outcomes** – Is data a primary decision-making tool?
- ✓ **Reduced risk** – Are you creating a zero-trust model, embedding security and streamlining compliance in your care-everywhere plans?

“The future belongs to visionary leaders and forward-thinking organizations that are able to break the shackles of legacy systems and accelerate mastering digital-first strategies.”

MUTAZ SHEGEWI, RESEARCH DIRECTOR, IDC HEALTH INSIGHTS



# Prescription for Success: Real-Time Connected Healthcare

Digital Transformation powered by an intelligent Digital Foundation built on VMware Solutions delivers Real-Time Connected Healthcare.

## ANY APP

Healthcare applications have changed. There are more of them. They're containerized and distributed—running across on-premises and cloud environments.

A digital foundation puts you in control of the development and delivery of all apps—cloud-native apps in the public or private cloud, hybrid apps, or on-premises traditional applications—providing a consistent model for how apps access infrastructure and how they're supported after deployment.

## ANY CLOUD

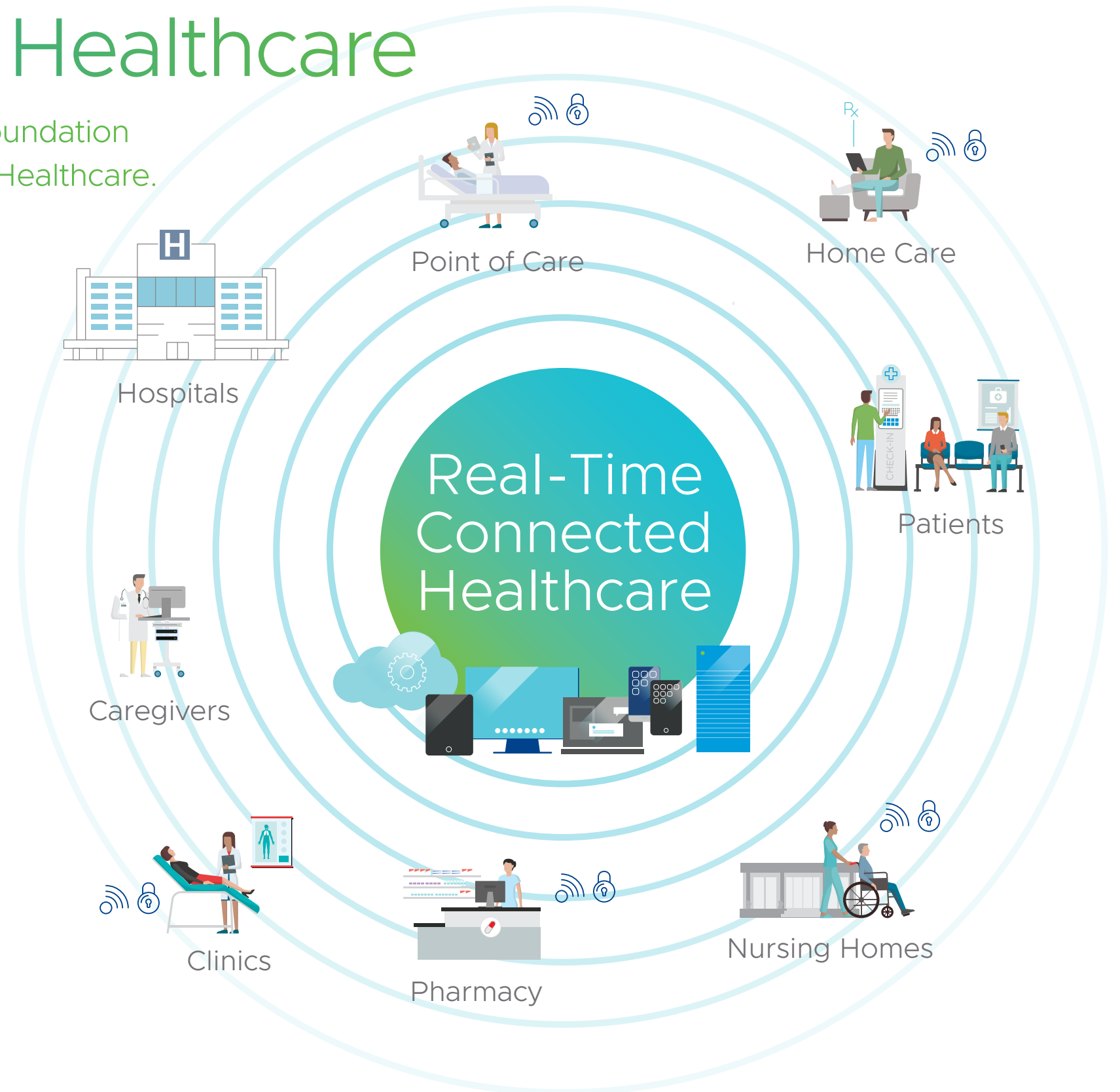
More apps with more diverse requirements are driving the need to modernize on-premises environments, extend data centers to the cloud, help IT manage hybrid and multiple clouds, and update application strategies.

- **Hybrid cloud** – Leverages both on-premises and cloud resources for rapid application portability and operational consistency for use cases such as disaster recovery.
- **Multi-cloud** – Matches application needs to any combination of clouds, enabling you to deploy to clouds in specific areas in support of regulations and use common cloud management tools across all to manage visibility, cost, and control.
- **Modern apps** – Enables you to quickly update and enhance services with commercial SaaS and cloud-native apps while increasing developer productivity by automating the deployment, scaling, and management of container-based applications in any cloud.

## ANY DEVICE

Delivering exceptional outcomes requires a new engagement model between IT and clinicians or patients—one providing the freedom to use any app, running on any cloud, on any of their preferred devices. Its zero-trust approach protects information while giving everyone the ultimate freedom and flexibility.

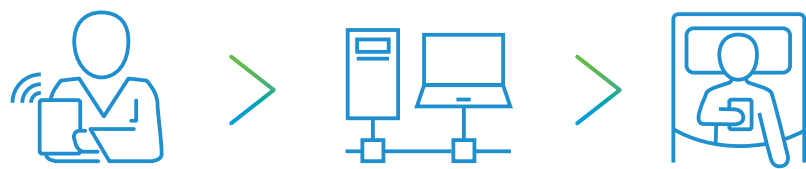
The digital workspace features self-service, easy-to-navigate engagement that satisfies patients and reduces caregiver login times—by up to 10 minutes per caregiver per day—scaling across platforms, locations, and device-ownership models.





# Curing High-Priority Business Challenges

Empower your clinicians and take care of your patients everywhere



**Enable care anywhere with mobility so caregivers have the right device for the right task at the right time** by simplifying the management and delivery of apps—Windows, SaaS, web-based, and mobile—across devices.

**Empower “Tap, Turn, and Treat” workflows and improve provider productivity** through shared workstations powered by highly performant virtual desktops at, or below, the cost of a physical workstation.

**Personalize experiences through hospital-issued devices for patients, families and caregivers** by quickly provisioning education, information, and entertainment.

**At LCMC Health**, staff hospital computer **login times decreased 87.5%**, enabling staff to spend **35 more minutes** per shift with patients.

Protect data wherever it travels and rests



**Choose intrinsic security with zero-trust and strengthen** data centers, care systems, and endpoints against threats, ransomware, malware, phishing, and other breaches.

**Deliver PHI securely to clinics and affiliates** through low-cost, low-maintenance devices using two-factor authentication and desktop micro-segmentation to further enhance security and SD-WAN to improve connectivity.

**Secure medical devices and support IoT** through onboarding, monitoring, and managing IoT infrastructure so you can focus on what matters most—exceptional patient care.

**Baystate Health saved ~\$3.5 million** by replacing \$1,500 endpoints with \$300 thin and **zero clients** for 12,000 field-based computers.

Accelerate innovation in your organization and across your affiliates



**Standardize healthcare data centers** to lower costs and increase business agility with virtualization and hyper-converged infrastructure, eliminating hardware and achieving a modern, hybrid-cloud-ready data center.

**Easily extend to public cloud** with consistent infrastructure, consistent operations, and intrinsic security to build a best-in-class private cloud and easily extend your apps and services to public clouds including Amazon Web Services, or any combination of clouds.

**Improve EHR performance and availability** through a single view of system performance with a cloud management platform that combines performance information from Epic and MEDITECH with infrastructure information.

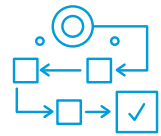
**At Creative Solutions in Healthcare**, choosing VMware to migrate to the cloud has **increased EHR availability, reduced IT costs by 33%**, and enabled HIPAA compliance.

# Turn Your Digital Health Vision into a Successful IT Strategy

When you choose VMware Healthcare Solutions, you're unleashing possibilities for next-generation, patient-centric care.

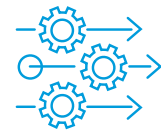
We recognize your healthcare organization is working harder than ever to deliver the highest quality patient care at the lowest cost. Our cloud-ready, software-defined healthcare IT platform modernizes and protects critical IT infrastructure, mobilizes your caregivers with always-on access to patient information, and easily enables you to extend to any combination of clouds for unparalleled app speed, lower costs, and greater efficiency.

## VMware Professional Service Portfolio



### Strategy and planning

Strategic planning services that align your people, processes, and technology with desired outcomes



### Integration and configuration

Consulting services that streamline complexity and help you achieve the full value of your technology



### Optimization and advocacy

Technical Account Managers that help you adopt and operationalize technologies while serving as your advocate to VMware



### Training and development

Education Services that deliver competitive advantage by empowering your teams with knowledge

Our VMware Professional Services team supports you every step of the way, enabling you to meet and exceed your business needs, achieve cost savings and efficiencies, accelerate time to value, and strengthen your team's skills.

Get started today.

Visit [www.vmware.com/go/healthcare](http://www.vmware.com/go/healthcare).

