Red Hat

Supporting healthcare initiatives with modern IT

To support wellness initiatives, enhance patient care, and maximize efficiency, many healthcare organizations are looking to embrace artificial intelligence (AI) and modernize IT. This support requires more than just reliable platforms: they must embed security into their processes, foster team collaboration, support self-service, and establish best practices alongside a clear roadmap for the future. With Red Hat® Consulting, and Red Hat Technical Account Managers (TAMs), healthcare organizations can address these needs and accelerate their modernization efforts while ensuring long-term success. Here are 4 ways healthcare organizations can modernize IT with Red Hat to achieve their organizational goals.

1 A platform modernization strategy

Healthcare organizations are increasingly shifting from traditional IT environments to modern platforms that allow development teams to deploy cloud-native applications at pace. Security and compliance remain important considerations throughout this transition.

To address these challenges, organizations need a consistent hybrid cloud foundation with the tools to build, deploy, and run cloud-native applications. For example, a private Platform-as-a-Service (PaaS) allows healthcare organizations to host and manage software on their infrastructure. Healthcare organizations may also consider adding tools to help address security risks and uphold compliance standards.

How Red Hat helps: Red Hat Services help healthcare organizations identify inefficiencies in their existing IT processes and advise on solutions to modernize their infrastructure for cloud-native application development. Red Hat OpenShift® Container Platform is a PaaS solution that simplifies the creation and scaling of containerized applications. Red Hat Advanced Cluster Security for Kubernetes simplifies security management by helping organizations mitigate security threats and enforce policies.

2 Bring teams together to accelerate modernization

Healthcare organizations can experience challenges in adopting new application development approaches, including collaboration among stakeholders, skills gaps, and managing modernization programs. In-house efforts are often slow and complex, making it difficult to unite teams, address complications, and implement methodologies like continuous integration and continuous delivery (CI/CD) and intrusion detection and prevention systems (IDPS). Over-reliance on informal knowledge sharing, rather than detailed documentation, adds to these issues.

Regular meetings and open communication can pre-empt problems, while embedding best practices, defining developer personas, and creating comprehensive documentation strengthens modernization efforts.

How Red Hat helps: Red Hat Consulting provides workshops, mentorship, and training for developers and IT teams within healthcare organizations. Working with Red Hat Consulting can accelerate application modernization efforts, ensure that developers feel supported, and help organizations to adopt new approaches more effectively.

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*   Red Hat client data.

3 Empower developers to self-serve

Once healthcare organizations understand how their developers work and identify skill gaps, they can equip their teams with tools that enhance productivity and improve the overall developer experience.

Self-service capabilities are key in this process, reducing friction and frustration by giving developers more autonomy and control. Adopting a shift-left approach and supported methods helps to maximize developer skills and streamline workflows.

How Red Hat helps: The Red Hat Developer Hub is an enterprise-grade portal that, when paired with Red Hat OpenShift, offers workflow templates to reduce repetitive tasks. For example, onboarding templates helped one major healthcare organization cut developer onboarding times by 43%.* Red Hat Consultants can then work with development teams to understand their specific needs and customize the Red Hat Developer Hub with tailored templates and integrations to maximize its impact.

Learn more about how Red Hat OpenShift works with healthcare organizations

4 Establish ongoing support for the future

Modernizing IT is an ongoing journey for healthcare organizations, requiring a clear vision and roadmap for continuous improvement.

Establishing baseline metrics and ongoing measurement helps track the effect of changes and ensures long-term success. Clear success metrics can maintain commitment, even during challenging phases.

How Red Hat helps: Red Hat Technical Account Managers provide healthcare organizations with dedicated support throughout their modernization projects. A TAM facilitates support cases, offers a clear and strategic roadmap, establishes metric mapping, and helps implement best practices tailored to healthcare environments.

Discover how Red Hat Services can help you accelerate application modernization

About Red Hat

Red Hat helps customers standardize across environments, develop cloud-native applications, and integrate, automate, secure, and manage complex environments with award-winning support, training, and consulting services.

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