



Building a More Agile IT Infrastructure for Hospitals and Healthcare Institutions

Key benefits

- Unify mobile devices, application and network access, and single sign-on
- Protect and secure confidential patient data
- Provide fast, reliable access to systems and applications
- Optimize systems to reduce costs and boost service

Today, healthcare providers are under increasing pressure to meet aggressive government healthcare reform mandates and improve the quality of patient care. To achieve these goals and succeed in a competitive environment, hospitals and other healthcare institutions must optimize their IT infrastructures for higher efficiency and enhanced data security and access—while keeping costs low.

Leading medical organizations take advantage of F5 solutions to modernize health information technology systems and safeguard patient data, easing compliance with mandates such as the American Recovery & Reinvestment Act of 2009 (ARRA) and the Health Insurance Portability & Accountability Act of 1996 (HIPAA). Hospitals and healthcare institutions also use F5 to support the complex system demands of Electronic Medical Records (EMR), imaging and monitoring, and other technologies geared toward improving healthcare outcomes.

Support access from mobile devices and other networks

With F5 solutions, medical organizations can govern the use of mobile tools that healthcare workers take advantage of in the course of patient care including laptops, smartphones, and tablet PCs. IT departments use dynamic policies to protect resources, gain insight into user activities, and ensure that devices meet security standards. Further, healthcare providers use F5 to support access across networks, including patient portals and virtualized desktop infrastructures.

Protect and secure confidential patient data

When it comes to protecting patient data, F5 ensures that security and access go hand-in. From in-facility patient kiosks, to sharing medical records among departments, F5 enhances application availability and provides data security models to protect confidential data. Providers benefit from convenient access regardless of device or network; patients benefit from higher continuity of care; and IT departments reduce audit scopes and ease compliance to realize significant cost-savings.

Provide fast and reliable access to applications

To improve clinical outcomes, healthcare providers need fast and reliable access to EMR and diagnostic systems; while patients need unfettered access to online healthcare portals. Hospitals and healthcare institutions employ F5 solutions to accelerate the performance

of these systems and to ensure application availability. In addition, a repeatable F5 architecture helps hospitals reduce the time and costs associated with healthcare system deployments, maintenance, and disaster recovery.

Optimize systems to reduce costs and boost service

Using F5 file virtualization, healthcare organizations optimize storage infrastructure and realize CapEx and OpEx savings with low-cost tiering and simplified storage maintenance—while also satisfying longterm HIPAA data storage requirements. Virtual storage pools provide easy, unified access to data—regardless of its location. IT departments also take advantage of F5 intelligent file virtualization to boost the availability of clinical applications because storage can be scaled to meet demand in real-time.

Learn more

For more information about what F5 can do for your healthcare organization, please use the search function on f5.com to find these resources.

Product information

[F5 products overview](#)

White papers

[Secure, Optimized Global Access to Corporate Resources](#)

[Load Balancing 101: The Evolution to Application Delivery Controllers](#)

Case studies

[Sysmex America](#)

[Medavie Blue Cross](#)

[RelayHealth](#)

[TEVA Santé](#)

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