



# Secure and Available Epic Applications Everywhere You Need Them

ERRORS WERE RESPONSIBLE  
FOR 68% OF HEALTHCARE  
BREACHES IN 2022<sup>1</sup>

Epic EHR apps form the heart of your healthcare operations, and an outage could have negative consequences for patient care. Data breaches in healthcare doubled in the past three years, making security a top concern.<sup>2</sup> Not only do you need to keep threats out, but you also need to ensure your Epic deployments are free of misconfigurations that could leave you at risk of an attack or outage.

## Using NetScaler or Citrix ADC with your Epic apps?

Citrix ended sale of perpetual licenses in March 2023, making this a good time to consider your options. F5 and Google Cloud have partnered to provide a new and more secure way to host your EHR in the cloud. The Google Cloud Healthcare Data Engine offers increased reliability, HIPAA compliance, and built-in redundancies. F5 enhances Google Cloud capabilities with an application delivery and security platform that makes it easier to deploy, manage, and protect Epic apps anywhere you need them, in the cloud, on-premises, or via Epic SaaS.

Ensure Apps Are Always Available	Keep Your EHR and Patient Data Secure
<ul style="list-style-type: none"><li>F5® BIG-IP® Application Services Templates reduce the risk of misconfiguration by following vetted best practices</li><li>Automation with HashiCorp Terraform or Red Hat Ansible lets you deploy to cloud or on premises consistently in minutes, not days</li><li>Traffic steering sends users to the best available server for better performance</li><li>Service health monitoring provides automatic failover to maintain availability</li></ul>	<ul style="list-style-type: none"><li>Pre-built, validated, and customizable policies for F5® BIG-IP® Advanced WAF® designed to protect Epic apps</li><li>Unified security policies and automated deployment across environments simplifies management</li><li>Real-time behavioral analysis identifies attacks faster to defend against DDoS attacks, bots, and OWASP Top 10 threats</li><li>Leaked credential detection and client-side encryption protects against unauthorized access</li></ul>

Get the protection and availability you need to support patient care with F5 and Google Cloud. See why F5 outscored Citrix in [The Forrester Wave™ for Web Application Firewalls](#), including strong API security to protect your Epic integrations with third-party applications and best-in-class adoption support that makes the switch easy.

Explore how F5 and Google Cloud boost Epic applications at [f5.com](https://f5.com).

<sup>1</sup> Verizon, [Data Breach Investigations Report 2023](#), June 2023

<sup>2</sup> U.S. Dept of Health and Human Services, [2022 Healthcare Cybersecurity Year in Review](#), February 2023