



Power Secure Healthcare Advancements with Platform Engineering

Healthcare organizations are devoting enormous funds toward modernization efforts to improve patient care and streamline processes. With a significant focus on incorporating technology and digital experiences into healthcare, many organizations are using platform engineering to fuel innovation and ensure the security and reliability of their cloud operations.

66% of healthcare organizations were hit by ransomware in 2021.¹

With healthcare cloud infrastructure under near-constant attack, platform engineering can use F5 to protect and optimize AWS environments to deliver exceptional care and modern processes. F5 solutions empower platform engineering to facilitate the development and operations of AWS applications and services that improve patient experiences, secure sensitive patient data, and generate revenue.



Improve Care with AI

While artificial intelligence (AI) can shepherd numerous improvements to patient care, it requires complex infrastructure with interconnected apps, containers, and APIs.

Platform engineering can operate the reliable edge-to-cluster connectivity necessary for AI-driven healthcare products and services with F5 NGINX.



Ensure Reliable Operations

The proliferation of connected medical devices and digitized, cloud-based billing and insurance systems create a target-rich environment for malicious actors.

By applying F5 Distributed Cloud App Infrastructure Protection to AWS, platform engineering can thwart cyberattacks to produce dependable healthcare operations.



Empower Telemedicine Experiences

Telemedicine offers great convenience for patients but can also put sensitive data at risk by transmitting it over a web application.

Platform engineering can erect web application firewalls (WAF) to deliver secure and effective telemedicine with F5 Advanced WAF to identify and block threats that could lead to fraud or a data breach.



Modernize Infrastructure and Services

By migrating infrastructure and services to the cloud, healthcare organizations can streamline processes and improve patient experiences.

With F5 BIG-IP, platform engineers can migrate applications to AWS while retaining the same level of security, reliability, and scalability they already depend upon on-premises.

For more information, please visit f5.com.

Source:

1. Sophos, [The State of Ransomware in Healthcare 2022](#), May 2022

