CASE STUDY

FINDING HIPAA/HITRUST COMPLIANCE-READY CLOUD SECURITY

VITALAXIS | ARMOR

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COMPANY PROFILE

COMPANY: VitalAxis
INDUSTRY: Healthcare
ARMOR SOLUTION: Armor Anywhere with secure hosting
CLOUD PROVIDER: Armor
WEBSITE: https://www.vitalaxis.com

OVERVIEW

The complexities of cybersecurity and compliance are daunting for any organization, especially those under pressure to manage their cloud-hosting infrastructure with speed and agility. To most IT and DevOps teams, security adds a heavy burden to managing the private, public, and hybrid cloud environments where their workloads are hosted, and annual compliance audits require resources better allocated for building solutions.

To address these challenges, healthcare SaaS provider VitalAxis chose Armor Anywhere with secure hosting for its laboratory management and medical billing software. After working with several different cloud providers, including AWS and Rackspace, VitalAxis chose Armor as a security and compliance partner whose cloud-native security and audit-ready controls met its needs.

Armor Anywhere with secure hosting provides a secure hosting infrastructure with native security features as well as audit-ready compliance for HIPAA/HITRUST.

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CLOUD-BASED HEALTHCARE SOLUTIONS

VitalAxis is a creator of tools and software suites for medical practices and laboratories. Its leading product, VitalDx, is a unified workflow management solution for laboratories that reaches across a network of ordering physicians, couriers, locations, pathologists, send-out/referral organizations, and sub-specialty practices. VitalAxis software helps ensure the integrity and privacy of lab testing, controlling the distribution of results and streamlining the billing process for providers.

With the control of sensitive patient data, VitalAxis must adhere to HIPAA compliance mandates for security frameworks and infrastructure. Its cloud-based software solution connects laboratories of different sizes, managing communications and custody control of specimens from the time they are extracted to the distribution of results to patients.

HIPAA/HITRUST COMPLIANCE

With security controls mapped to compliance mandates such as HIPAA/HITRUST and PCI, Armor Anywhere with secure hosting provides security and compliance benefits to reduce regulatory scope, simplifying the auditing process and lowering management costs.

"Today our VitalDx product and billing product are hosted by Armor, and we are processing close to 10,000 cases a day. We're talking about at least a few thousand users accessing it from various geographies in the U.S.," says Tharak Krishnamurthy, Chief Technical Officer for VitalAxis.

> **We chose Armor because they understood HIPAA, understood cloud security and, most importantly, understood what was required to establish our solution as one hosted on a robust environment.**
>
> — Tharak Krishnamurthy, CTO, VitalAxis

FINDING THE RIGHT SOLUTION

Armor Anywhere is purpose-built for the cloud to deploy cost-effective security and compliance protection for your cloud workloads. Armor Anywhere integrates robust security capabilities with 24/7/365 monitoring to deliver unified threat detection and response for your applications and data wherever they reside.

The Armor cloud security platform is the industry's leading threat detection and response platform. It integrates threat intelligence, advanced analytics, and incident response capabilities into a single platform that bolsters your defenses, uncovers threats, and prevents security breaches.

Armor Anywhere provides cloud workload protection that safeguards your cloud workloads wherever they may reside, delivering advanced security-as-a-service protection to fortify your security defenses and unify visibility of your workloads across private, public, or hybrid cloud environments.

Armor Anywhere deploys in minutes and provides:

Threat Detection
and Response

Audit-ready
Compliance

Unified Protection
and Visibility

For organizations with mission-critical and sensitive compliant applications and data, Armor Anywhere with secure hosting provides high-performance hosting infrastructure with security fully managed and monitored by Armor.

Armor Anywhere with secure hosting services provides:

- Physical Security
- Application Security
- Server Security
- Data Backup
- Security Audits
- Data Management
- Perimeter Security
- Network Security
- Administrative Security
- Secure Data Deletion
- Access Control
- Incident Response (IR)

> One of the key reasons we host with Armor is that we want systems to be secure on multiple levels, from the application level, the SQL injection and WAF levels, to the network and protocol layer.

Armor Anywhere with secure hosting for Healthcare:

- Protects EMR, ePHI, and other sensitive data
- Delivers audit-ready compliance for HIPAA/HITRUST
- Enables security for internet of things (IoT) devices
- Provides on-demand access to hard-to-find security and compliance talent

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"How a data center is managed and operated is critical to compliance," says Krishnamurthy. "Armor provided the cloud infrastructure and secure access to the data, establishing a VPN for our primary offices. They understood HITRUST/ HIPAA requirements, understood security in the cloud. From the time we picked them up, we never looked back.

"We now have an automated process to ensure we're meeting compliance," Krishnamurthy adds, "which allows us to showcase our security, to say that we have our applications on a robust, efficient environment."

Armor solutions enhance our security infrastructure.

Armor Anywhere with secure hosting offers infrastructure that sits in a software-defined private network—micro-segmented and isolated. Workloads connect to the public internet through a network monitored by a security operations center (SOC), which allows IP address netting and VPN termination for enhanced security.

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Armor provides security solutions that give companies a clear picture of threats facing their organizations. It provides the technology to stop attacks before they happen and cybersecurity experts to help react quickly and effectively when they do, keeping your data safe and compliant.

Regardless of whether your organization is a large hospital, a clinic, a biosciences entity, or a health tech provider, you can secure your sensitive applications and data in the cloud while automating and accelerating compliance with HIPAA/HITRUST.

Performance and scalability with up to 16vCPUs and 96GB of memory is coupled with flexible storage options across 3 tiers—from blazing-fast SSD to low-cost, high-volume offerings.

Combine best-of-breed security tools and threat intelligence with the expertise of Armor's Threat Resistance Unit and SOC to speed threat detection and incident response.

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