



Vault Immutable Backup

Cloud-Based Immutable Backup System
for Your Healthcare Enterprise

THE CHALLENGE: PROTECTING YOUR HEALTHCARE DATA FROM RANSOMWARE ATTACKS

Security — In healthcare, as cloud-based security systems have become more advanced, so have the threats which endanger sensitive information. As ransomware will now directly attack backups, previous lines of defense and recovery are simply not enough.

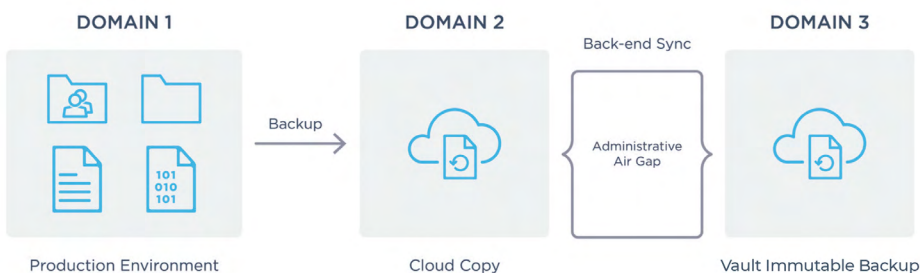
Compliance — The HITECH Act strengthened civil and criminal penalties for failure to produce patient health information (PHI) after a crisis. This extends the financial ramifications of a ransomware event beyond the ransom itself and the lost revenue of downtime.

THE SOLUTION: VAULT IMMUTABLE BACKUP

CloudWave's Vault is a cloud-based immutable backup system. Vault regularly writes a backup of your information and copies it to a secure, offline, and immutable cloud location.

Immutability — By storing your backups in a separate and secure location, all acts of editing and deleting are prevented, keeping your data locked down against cyber threats.

Restores — In the event of a ransomware incident, CloudWave will provide you with the most recent, clean backup copy. This will allow you to rebuild without paying the ransom.



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About CloudWave

CloudWave is a full-service cybersecurity and cloud services provider exclusively for healthcare. Protecting over 300 hospitals and health systems, CloudWave delivers end-to-end solutions combining secure hosting, IT operations, and 24/7 threat detection. Services include managed security, risk and compliance, disaster recovery, and cloud optimization—all with a healthcare-first approach. Powered by AI-driven security operations and supported by U.S.-based Network and Cybersecurity Tactical Operations Centers, CloudWave provides healthcare organizations with a cyber-ready foundation for safe, uninterrupted patient care.



Immutability is the Key
to Ensuring Recoverability.

The National Institute of Standards and Technology at the U.S. Department of Commerce defined the five pillars of a solidified cybersecurity plan as the ability to **Identify, Protect, Detect, Respond, and Recover**. According to a 2020 study, only 29% of institutions feel confident in their ability to recover in the event of a cybersecurity incident. Because cyber-threats now directly attack backup systems, immutability is the key to ensuring your organization's ability to recover in the event of a cyber-incident.

DID YOU KNOW?

CloudWave offers cost-saving integration between Vault and Backup, our fully managed multi-cloud Backup-as-a-Service (BaaS) for healthcare. This is a great option for customers who are looking for a fully integrated immutable backup system in conjunction with a fully managed BaaS.