



FEATURES:

Privacy-Data Breach Insurance

TrueVault indemnifies its customers against regulatory fines and the cost of breach remediation. TrueVault carries a comprehensive Cyber Security Liability Insurance policy that covers technology protection, privacy protection, breach cost, cyber business interruption, hacker damage, and cyber extortion.

Unique User Identification

TrueVault provides identity and access management, plus 2-factor authentication out of the box. Use our identity API for custom access flows or add Sign-In, Sign-Up, and My Account pages in seconds with our JavaScript user controls.

Emergency Access

Easily add an Emergency Access Request page to your app with a CNAME record. We'll handle the authentication flow for you, and track activities for compliance. Single-user credentials can also be created via the API for custom emergency workflows.

Automatic Logoff

Configure the automatic user session timeout window via our API or the Management Console.

Encryption and Decryption

TrueVault encrypts all at-rest data with AES-256 and stores keys securely. Our infrastructure for healthcare data storage and transmission runs in a separate hosting environment inaccessible by our primary services.

Audit Control

Every user action and API call is automatically recorded for compliance. An audit log can be searched and retrieved via our API.

Proactive Monitoring

TrueVault's proprietary anomaly-based detection algorithm will alert you, or your customer, when abnormal user activity is detected.

If you would like more information, or to schedule an interview please call (978) 463-2575, or email Kerry Metzdorf at press@truevault.com.



At-Rest Data Integrity

A checksum is computed for every at-rest record, and the integrity of the data is continuously checked.

Integrity Control and Encryption

TrueVault regularly audits the details of our implementation: the certificates we serve, our certificate authorities, and our ciphers. We ensure that browsers and API clients interact with TrueVault over HTTPS only.

How TrueVault helps applications meet HIPAA standards:

HIPAA Standards/CFR Section	Implementation Specification	TrueVault Feature
Access Control 164.312 (a)(1)	Unique User Identification (required)	TrueVault provides identity and access management for your application. Use our identity API for custom access flows or use our JavaScript UI Controls to add Sign-In, Sign-Up, and My Account pages in seconds. If you use TrueVault's JavaScript UI Controls, all PHI and PHI data is sent directly to TrueVault without entering your application stack.
	Emergency Access procedure (required)	Add an Emergency Access Request page to your app with just a CNAME record. TrueVault will handle the authentication flow for you and track activities for compliance. Single-use credentials can also be created via the API for custom emergency workflows.
	Automatic Logoff (addressable)	If you use TrueVault's identity and access management API, TrueVault handles session timeouts for your application. Configure the automatic user session timeout window via our Control Panel.

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	Encryption and Decryption (addressable)	TrueVault encrypts at-rest data with unique encryption keys for each object using AES-256 encryption algorithm. Encryption and HMAC keys are rekeyed frequently and regularly. Encrypted data are kept isolated from our key management cluster and our primary services.
Audit Controls 164.312(b)	(required)	Every user action and API call are automatically recorded for compliance. Audit log can be searched reviewed anytime.
Integrity 164.312(c)(1)	Mechanism to Authenticate Electronic PHI (addressable)	A hash-based authentication code (HMAC) is created and used to verify at-rest object integrity regularly and every time an object is retrieved.
Person or Entity Authentication 164.312(d)	(required)	TrueVault handles user authentication for your application. When used with our JavaScript UI Components, you do not need to develop standard user interfaces such as: sign-in, sign-up, my account pages and user search screens for internal use. TrueVault can also handle user password reset flows for your application.
Transmission Security 164.312(e)(1)	Integrity Controls (addressable) Encryption (addressable)	TrueVault forces HTTPS for all services. Data are always transmitted in encrypted form and verified via HMAC within the TrueVault infrastructure.
Physical Safeguards		TrueVault uses a HIPAA compliant hosting provider. We have signed a Business Associate Agreement with our hosting provider to ensure HIPAA safeguards are properly put in place and practiced.

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