

Trust Vault



In today's rapidly evolving digital landscape, the ease with which stored data and documents can be created, altered, or erased, has profound implications for regulatory bodies and the entities they oversee. As technology such as AI and quantum-computing advances, the reliability of digitally stored information becomes increasingly uncertain.

To protect and secure high-value contracts and agreements, organizations need to ensure the authenticity and credibility of documents for the duration of their lifetime. Regulations in specific sectors also require proof of authenticity for digital assets, such as proof of origin, independent audit, and storage access controls.

Increased fraud attacks on cloud storage solutions undermine trust in their ability to safeguard high-value documents and guarantee their integrity. In addition, security threats such as the theft or leakage of a Certificate Authority's private key can also result in the compromise of digital certificates and manipulation of signed contracts.

To overcome these challenges, organizations need a digital document storage solution that guarantees the long-term credibility of high-value contracts and agreements. Vaulting solutions built on blockchain technology

protect against any attempts at tampering or falsification and offer immutable proof of the integrity of digital documents.

Trust Vault for OneSpan Sign

Fully integrated with OneSpan Sign, OneSpan Trust Vault leverages blockchain technology to guarantee the integrity and long-term viability of high-value digital documents.

The immutable storage solution safeguards against unauthorized access and tampering, ensures the authenticity of documents, protects against long-term and future technology risks, and addresses regulatory requirements for proof of origin, independent audit, and more.

OneSpan Trust Vault complies with the strictest data handling requirements. Documents stored in Trust Vault incorporate indisputable proof of origin, unbreakable tamper detection, long-term protection, and a comprehensive audit trail.



Common use cases

OneSpan Trust Vault serves as a repository for valuable digital documents that must preserve their integrity over time.

Typical use cases include:

- **Personal and commercial lending**
Credit card applications, mortgages, auto finance, personal and business loans.
- **Legal contracts and agreements**
Wills, property deeds, titles, court papers, corporate contracts, and T&Cs.
- **Healthcare documents**
Medical consent and patient onboarding forms.
- **Government records**
Tax declarations, certificates, and licenses.
- **Insurance**
Claims, policy documents, and claims forms.

OneSpan Trust Vault combines traditional digital signatures with quantum-safe blockchain technology. These quantum-safe blockchain signatures prove the origin date and integrity of the digital agreements and are not dependent on private keys that might be leaked or hacked.

How it works

When a document is added to the OneSpan Trust Vault, cryptographic proof certificates of the document are created. These signatures are aggregated and anchored to a public blockchain. Once anchored to the public blockchain, the certificates form an impeccable and irrefutable proof of document state and origin time. The blockchain record – which cannot be altered by any known technology – proves the overall integrity and origin of signed documents in the OneSpan Trust Vault, eliminating any possibility of undetected tampering or backdating.

Why OneSpan Trust Vault

● **Streamlined and error-resistant operations**

Combines e-signature and digital secure storage capabilities in a single end-to-end platform, simplifying workflows and reducing errors. Employees can focus on their core tasks, confident that the system will seamlessly handle the workflow management.

● **Robust tamper detection and prevention**

Protects against any internal and external attempt at tampering or falsification.

● **Decentralized trust goes beyond OneSpan**

Due to its blockchain foundation, Trust Vault is a decentralized digital storage, which means that trust is decoupled and extends beyond OneSpan.

● **Protection against digital storage risks**

Safeguards against digital certificate expiration and compromise through leaks, hacks, etc.

● **Full end-to-end audit**

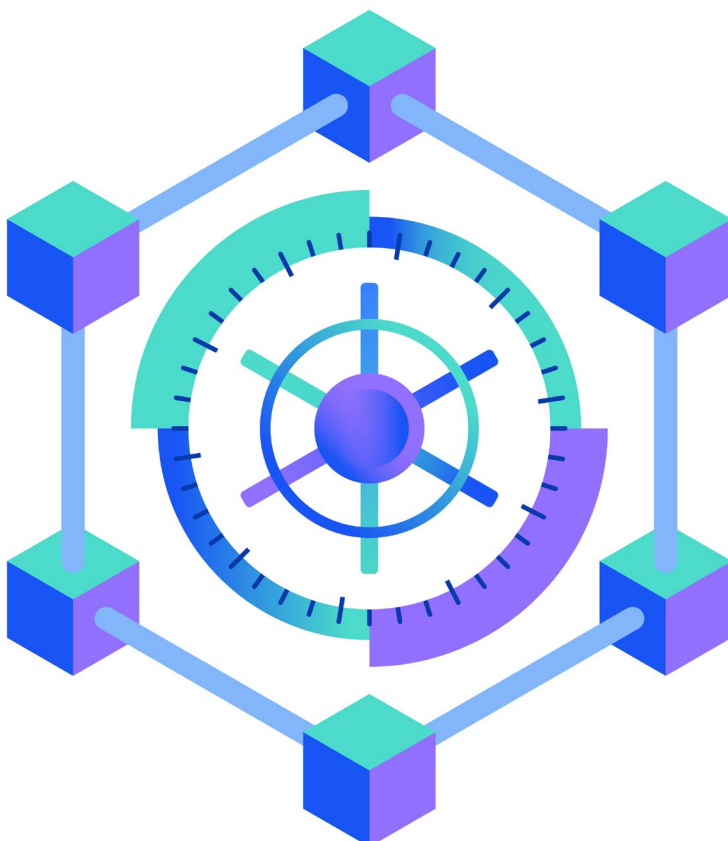
Audit trail gives visibility on all user actions related to signed documents.

● **Irrefutable proof certificates**

Irrefutable proof certificates extend beyond data validation, establishing an indisputable level of trust. This cryptographic layer adds an additional dimension of credibility to stored documents.

● **Non-repudiation of artifact origin**

Ensures indisputable proof of the artifact’s origin, preserving authenticity over time.



Key features and benefits



Irrefutable origin date

Knowing the exact date of origin or creation of a document with irrefutable certainty instills trust in the document’s authenticity. This is crucial for legal, financial, and regulatory purposes, as it eliminates doubts about the document’s age and history.



Robust tamper detection and prevention

Organizations can maintain the integrity of their documents with confidence, knowing that any attempt at tampering will be promptly detected. This is essential for ensuring the accuracy and reliability of valuable documents.



End-to-end audit trail

Every user action of the transaction is meticulously tracked and made accessible through the platform. This helps organizations meet regulatory compliance requirements and demonstrates a commitment to transparency and accountability.



Automated workflows

Organizations can ensure that every step in the signing and storage process is embedded in the workflow which leads to reduced human error and also saves time.

Getting started with OneSpan Trust Vault

OneSpan Trust Vault is a capability of OneSpan Sign. To get OneSpan Trust Vault, new and existing customers can contact sales@onespan.com or get in contact via the contact us page on our website. Once activated, Trust Vault can be automatically added to all OneSpan Sign workflows.

About OneSpan

OneSpan, the digital agreements security company™, helps organizations accelerate digital transformations by enabling secure, compliant, and refreshingly easy customer agreements and transaction experiences. Organizations requiring high assurance security, including the integrity of end-users and the fidelity of transaction records behind every agreement, choose OneSpan to simplify and secure business processes with their partners and customers. Trusted by global blue-chip enterprises, including more than 60% of the world’s largest 100 banks, OneSpan processes millions of digital agreements and billions of transactions in 100+ countries annually.

Learn more at [OneSpan.com](https://onespan.com)

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