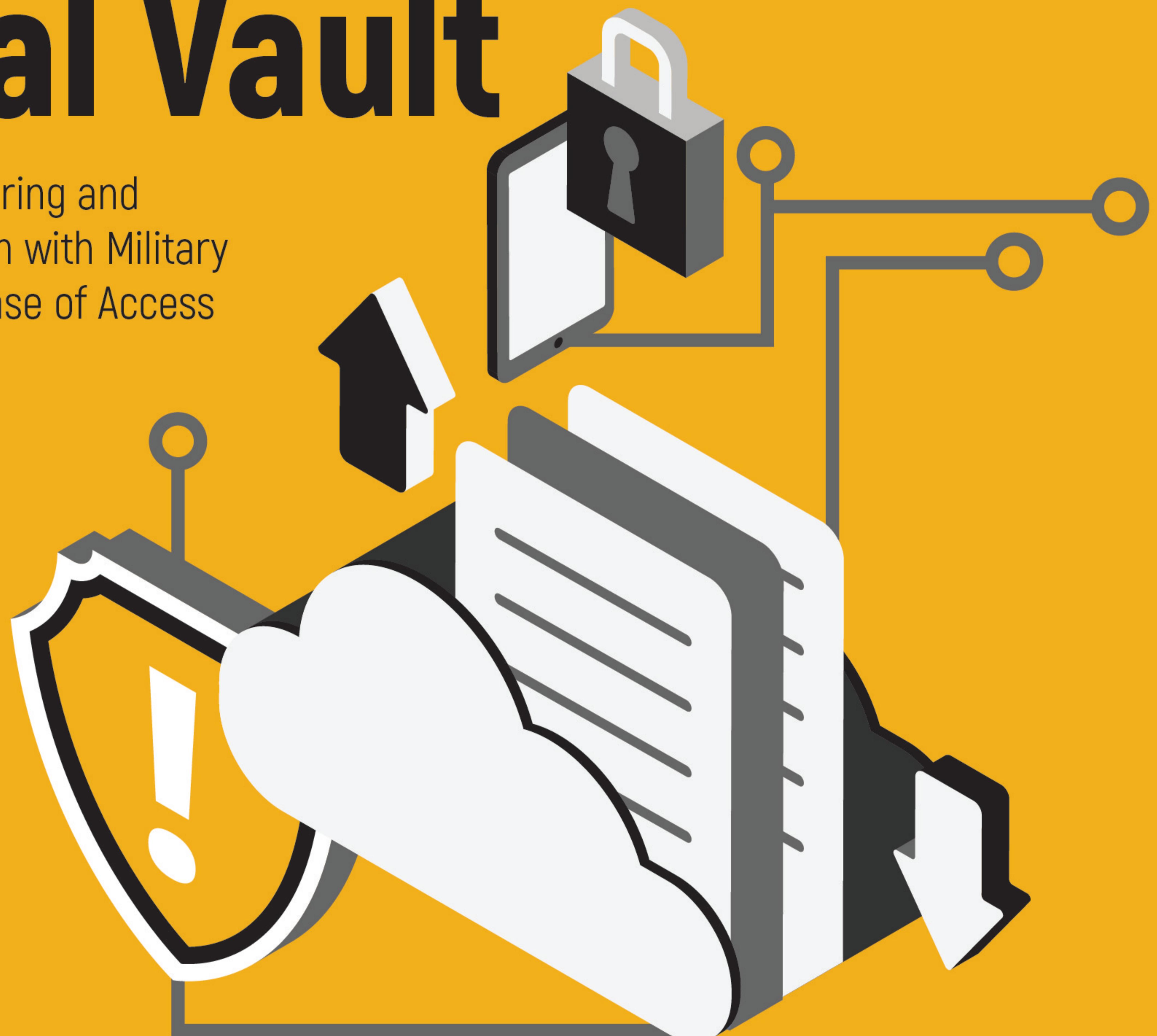


# Digital Vault

An Enterprise File Sharing and Collaboration Platform with Military Grade Security and Ease of Access



## The Problem

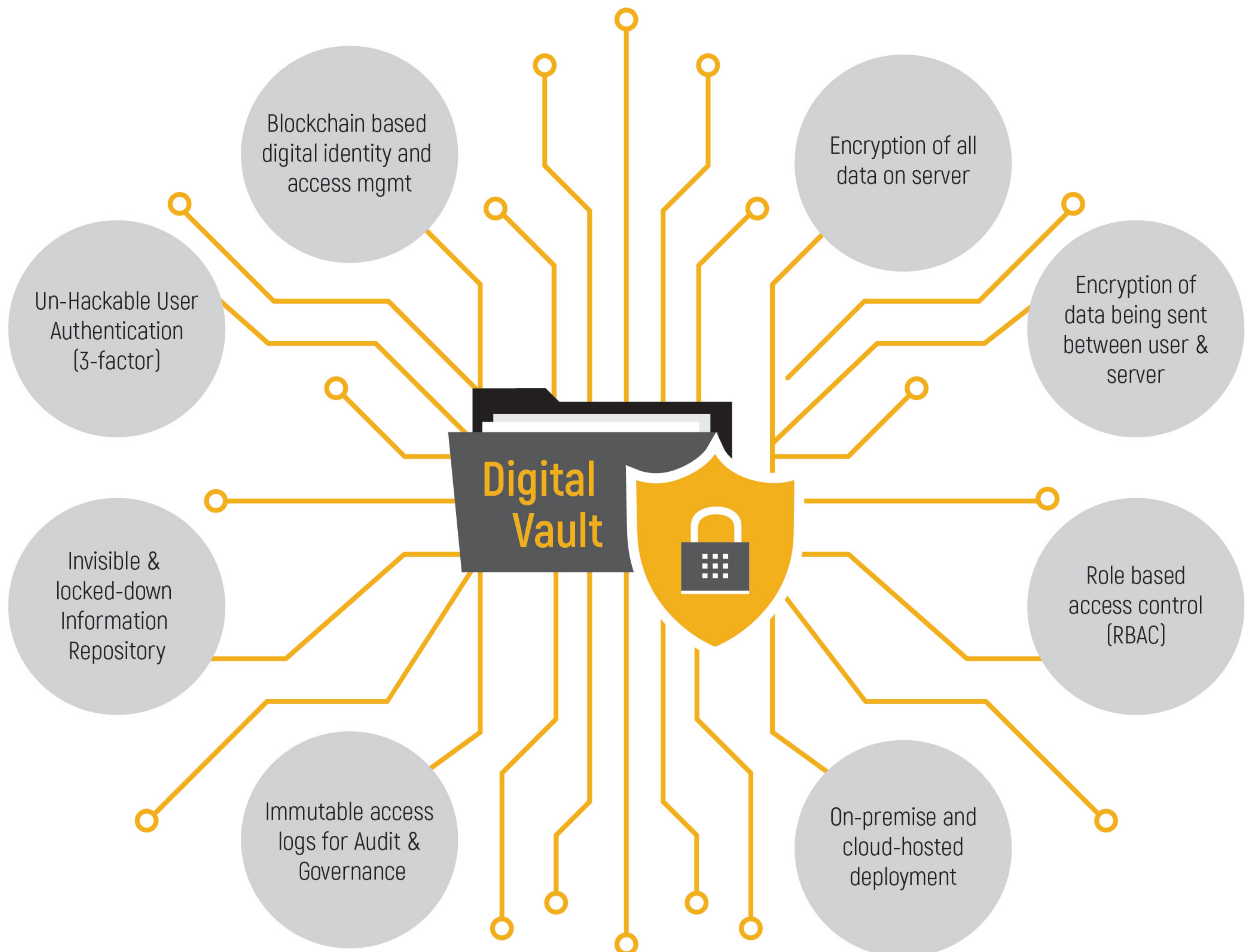


With rise of data breach incidents and stringent data privacy and compliance norms, organizations are feeling the heat to protect their sensitive data. This further gets complicated with growing business needs to share and collaborate information outside the organization.

## The Solution



Block Armour Digital Vault is a secure File Sharing and Collaboration platform which helps organizations to secure sensitive data and information with military-grade encryption and Blockchain technology. Using private permissioned blockchain and TLS technology, Block Armour Digital Vault delivers a Blockchain Defined Perimeter (BDP) for protecting data and information and at the same time ease of data access and sharing. Digital Vault is a holistic, elegant and integrated solution which protects enterprise data from next-gen cyberattacks.



## Key Features

Digital Vault makes it possible for enterprises to confidently protect, control and monitor data and communication within and beyond the organization, and at the same time comply with all local and international regulatory requirements. It offers:



### Invisible and Locked Down Sensitive Data

including files, emails, workflows and a lot more to become impenetrable and immune to cyberattacks



### Un-Hackable

3 factor authentication ensuring data is accessible only to legit users



**Military grade encryption**  
for data at rest and in transit



### Granular Role Based Access Control

even for files shared outside of the organization

## Key Benefits

Digital Vault makes it possible for enterprises to ensure maximum security for even their most sensitive information. It also enables them to adopt a cloud-based strategy without worrying about cybersecurity, regulatory compliance and complete independence in managing these services using the in-house IT teams.



**File Sharing and Collaboration**  
with military grade security  
even beyond organization



**Phishing resistant**  
authentication



**Completely user friendly**  
and easy to adopt along with  
un-hackable authentication  
and fortified data



**Total Compliance**  
with GDPR, HIPAA and other local  
and international regulatory  
requirements



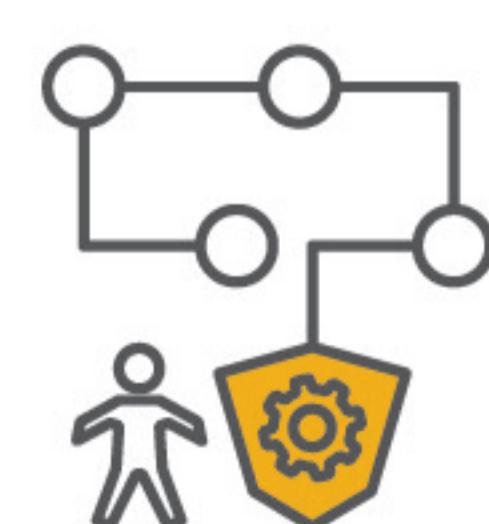
**Applicable across industry  
verticals**  
Healthcare, Insurance,  
Pharmaceuticals, E-publishing,  
Media, Software,  
Manufacturing & beyond

## Key Differentiators Between Digital Vault and Other Data Sharing & Protection Platforms

Offered as a package providing an elegant and easy-to-use solution, Digital Vault makes it possible for enterprises' IT functions to be completely in control – whether it is implemented as an on-premise or cloud-based service.



**On-premise as well as In-Cloud  
deployment** completely isolated from  
cloud service providers



**Full control**  
on File Server and its contents



**API Integration**  
for applications to  
directly access the vault



**Encryption keys**  
in control of the organization



**Automatic Script Execution**



**Ease of access**  
similar to other cloud-based  
file sharing services

# Specifications

## Supported Architecture:

1. On-Premise
2. Cloud – SaaS, PaaS, IaaS

## Authentication:

1. Three Factor Authentication
2. Digital Identities
3. Integration with Third Party & Enterprise Authentication Systems

## Encryption:

1. TLS 1.2
2. AES-256, RSA-4096
3. Full File Encryption – Data at Rest & Data in Transit

## Resiliency:

1. Natively Distributed Architecture
2. Supports Disaster Recovery
3. Backup & Restore

## Monitoring:

1. Syslog Integration
2. Full Audit Trail
3. Email Notifications

## Supported Systems:

1. Windows Servers
2. Windows Desktops
3. Linux Servers
4. Linux Desktops
5. Android Devices

# Use Cases for Digital Vault



## 1. Implement a cloud strategy within the organization:

Although the cloud offers significant cost and convenience benefits, many enterprises still remain wary of adopting the cloud due to security challenges. Enterprise IT feels that it will lack control over data hosted in the cloud and that it would be more vulnerable to cyberthreats. However, with Digital Vault's blockchain-enhanced capabilities, data stored in the cloud remains invisible, and with end-to-end encryption, remains invulnerable to hacking attempts.



## 2. Secure file sharing with external business partners:

Digital Vault's secure file storage and sharing solution can not only be used by enterprises to keep information secure within the enterprise, but can also be used to share sensitive information with external business partners in a completely secure manner.

## About Block Armour



Block Armour is a Mumbai, India Headquartered company with operations in India and Singapore. Our vision is to build cutting edge next-gen cyber security products using emerging technologies like Blockchain to transform enterprise cybersecurity and offer future-ready protection to secure critical data and infrastructure. Block Armour has solutions which provide holistic security for IT infrastructure encompassing Server Protection, Three Factor Authentication, Encrypted Communication Channel and Data Protection.

Block Armour is rated amongst Top 20 Global Cyber Security Start-ups for 2017 and 2018. We are also accredited by Accenture as one of the Top 25 Cyber Security Innovators Globally for 2018 and were part of the prestigious Airbus Acceleration Program.

For more information about us, please visit [www.blockarmour.com](http://www.blockarmour.com)