



# Security and Reliability

Keep Your Data Safe with *Vital Vault*



Data security is critical, especially if you are subject to industry or federal regulations. Vital Vault takes this seriously, and we strive to meet the highest standards for data security and regulatory compliance.

We leverage leading technology to ensure data is stored securely and reliably, and that you can quickly retrieve data when you need it.

## Data Security You Can Depend On

### Clean Backups, Cleaner Restores

When it's time to perform a recovery, you need to know the data you backed up isn't corrupted. We perform numerous checks within our software and at the data center level to ensure that when you need to restore your data, it is clean and uncorrupted.

### Military-Grade Data Encryption

Keep data safe wherever it is. We secure files beyond the 128-bit encryption methods typically used for online banking. We also communicate with our servers using Secure Socket Layers technology, ensuring your data is encrypted both in transit over the internet and in storage at our facilities.

### Robust Data Center Security

Data is stored on state-of-the-art file servers in SSAE-16-certified, mirrored data centers located thousands of miles apart. Our facilities are secured with biometric controlled access, 24/7 monitoring, backup generators, and redundant connections to the Internet.

### Your Data, When You Need It

When a disaster occurs, fast data access is crucial to reliable recovery. To facilitate speedy data restoration in the event of a major data loss event, we offer Recovery-as-a-Service. At your request, we can ship a drive containing all of your data overnight. Once the drive arrives, we simply plug it in and restore your data back to its prior state.

## How Do We Protect Your Data?

### 256-Bit AES Encryption

We encrypt each file using 256-bit AES encryption technology. How strong is this type of encryption? It's been approved by use for the National Security Agency to encrypt "TOP SECRET" classified government documents.

### Mirrored Data Centers

We use dual-coast data centers in the U.S. to store copies of our partners' data. Geographical differentiation means that in the rare chance that a data center on one coast goes offline, our other facility is still available to offer ongoing data protection.

### Safe Catalog Process

Before any backups or restores are run, we deploy our Safe Catalog process to check the file list and ensure we are always uploading a valid, reliable copy of your file catalog.

### Integrity Checkers

The most recently uploaded files and revisions in our data centers are scanned to catch corruption. In the rare case we find corrupted data in one facility, that item is replaced with a clean version from our other data center. If both items are corrupt, they are flagged for re-upload.



## The Vital Vault Advantage

### Protection for International Data

- Montreal-based data center complies with Canadian federal and provincial regulations
- Data stored in Canadian Data Center never crosses country's borders
- Complies with the same strict security requirements as our U.S. data centers

### Tools You Need to Comply

- Compliant with major federal and industry data regulations
- Software independently certified as compliant
- HIPAA, FINRA, PCI, Safe Harbor, and FERPA compliant