

# LIVEVAULT®

Online Server Data Protection: A Fully Managed Cloud Service

## FEATURES

- Secure, reliable, fully automated data protection
- Rapid recovery (DeltaRestore™)
- Native, embedded data deduplication
- TurboRestore Appliance™ on-site appliance (optional)
- Proactive administration and monitoring
- Encryption key escrow
- Data Shuttle Service for seeding and large data restores

## BENEFITS

- Achieves cloud data protection and long term off-site retention
- Removes the burden of complex, daily backup chore
- Data stored securely off-site in Iron Mountain's underground mirrored data centers (US customers)
- Delivers point-in-time recovery of server data by continuous backup

Reliable backup and recovery are critical to today's information-driven business. Combining proven disk and online technologies, Iron Mountain's LiveVault® radically simplifies the protection of all your company's servers. LiveVault provides an automated, fully managed, cloud-based, data protection service with proactive administration and monitoring of data. The service removes the burden of managing the complex and error-prone data protection process, so you can focus on core projects instead of backup chores.

## FULLY AUTOMATED BACKUP AND RELIABLE RECOVERY

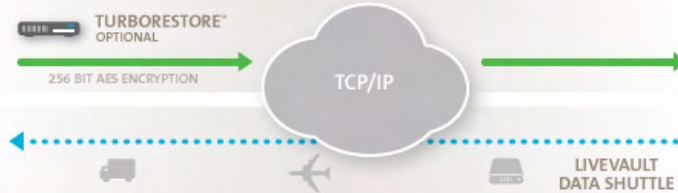
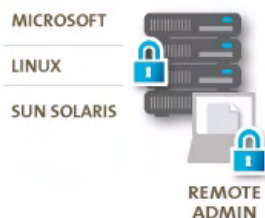
With the LiveVault solution, backups are performed automatically and continuously, so data is protected as it is created. The LiveVault solution provides fully automated backup over the Internet or private network connection, for uninterrupted enterprise productivity. Data is moved off-site to secure, mirrored Iron Mountain data centers, without manual IT intervention.

At every step – from the moment it leaves your server until it is safely stored in our remote mirrored data centers – your data is completely secure and protected, using stringent procedures, protocols, and standards. Iron Mountain's LiveVault server backup and recovery solution encrypts all data at the source using 256-bit AES encryption with a unique key that only you have. For an additional layer of protection, the server backup and recovery solution uses the Secure Sockets Layer (SSL) protocol to establish a secure, resilient communication tunnel to the off-site Iron Mountain data centers.

Even recovery is automated. You select the data to recover from a catalog of archived file versions, and LiveVault automatically restores the data to your location. With LiveVault, the time you save on backup and recovery lets you focus on more mission-critical projects for your business.

## BACKUP SESSION ►

### PROTECT SERVERS



## ◀ RECOVERY SESSION

# LiveVault® Online Server Data Protection

## RAPID RECOVERY

The LiveVault solution offers advanced technology to make recovery fast and easy.

## UNIQUE DELTARESTORE™ CAPABILITY

Instead of restoring an entire file or database after corruption or an inadvertent change, LiveVault restores only the data that has changed. For example, if a virus corrupts a few messages within a large Microsoft Exchange database, LiveVault “rolls back” the database to its exact state at a point before the corruption.

## OPTIONAL TURBORESTORE™ APPLIANCE

This simple-to-install appliance enables you to quickly recover large amounts of data while meeting the most stringent Recovery Time Objectives (RTO).

## DATA SHUTTLE SERVICE

The LiveVault Data Shuttle Service offers initial seeding, large restores, and disaster recovery for multiple terabytes of data quickly. LiveVault Data Shuttle is available on demand by phone, email, or the web portal.

## CENTRAL MANAGEMENT

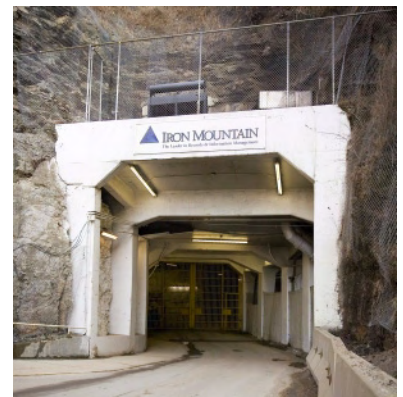
With LiveVault, you retain complete control of your backup operations. Through the LiveVault Web Management Portal, you can manage and monitor the entire data protection workflow including backup, off-site storage, archiving, and recovery from a Web browser anywhere, anytime. You can create customized backup policies, check status, delegate responsibilities across your enterprise, and initiate restore operations whenever needed.

Role-based access control lets you define access levels for various user classes across your organization.

## CONTINUOUS BACKUP

The LiveVault solution delivers point-in-time recovery of server data through continuous backup, providing nearly 100 recovery points daily.

Continuous backup enables you to choose the exact version of the file to recover from numerous point-in-time versions each day, for vastly improved Recovery Point Objectives (RPO). The LiveVault solution also provides built-in protection of open files and databases, without complex plug-ins or costly third-party tools.



Entrance to Iron Mountain's underground facility, one of the most secure, commercially-owned data centers in the world.

## SUBSCRIPTION SERVICE OR LICENSED SOFTWARE

Iron Mountain's LiveVault server backup and recovery solution can be delivered in two ways:

- **SUBSCRIPTION SERVICE** - Provides secure, off-site data storage, instant scalability, and unmatched ease of use, with no capital investment. Your data is stored in Iron Mountain's underground, mirrored data centers (US customers).
- **LICENSED SOFTWARE** - Allows organizations to run the server backup solution inside their own IT environments.

For Microsoft® Data Protection Manager (DPM) customers, Iron Mountain's CloudRecovery® solution provides off-site data protection and archiving to secure Iron Mountain data centers – automatically, reliably, and securely.



120 Turnpike Road  
Southborough, MA 01772  
800 899 IRON

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**ABOUT IRON MOUNTAIN.** Iron Mountain Incorporated (NYSE: IRM) provides information management services that help organizations lower the costs, risks, and inefficiencies of managing their physical and digital data. Founded in 1951, Iron Mountain manages billions of information assets, including backup and archival data, electronic records, document imaging, business records, secure shredding, and more, for organizations around the world. Visit the company Web site at [www.ironmountain.com](http://www.ironmountain.com) for more information.