

## LiveVault® Server Backup and Recovery



### LiveVault® Server Backup and Recovery for Remote Offices and Small to Medium-sized Businesses

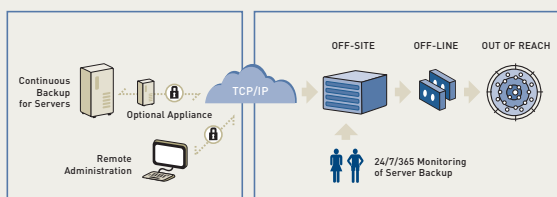
Reliable backup and recovery are critical to today's information-driven business. Iron Mountain's LiveVault is the complete backup and recovery solution for remote offices, and for small to medium-sized businesses. Combining proven disk and online technologies, Iron Mountain's LiveVault solution radically simplifies the protection of your company's servers with reliable automated backup and rapid recovery.

- Delivers point-in-time recovery of server data through continuous backup
- Archives data with long-term history that you define
- Removes the costs, hassles, and human error associated with tape backup

The LiveVault server backup and recovery solution provides the following essential functions:

- Fully automated backup and reliable recovery
- Rapid recovery
- Centralised management
- Continuous backup
- Flexible bandwidth management
- Continuous backup
- Clustering Support

#### HOW IT WORKS



Iron Mountain's LiveVault server backup and recovery solution uses the Internet or Wide Area Network and disk technologies to continuously backup servers. The data is then stored either off-site at secure Iron Mountain facilities or at your own Data Centre, where it can be retrieved and restored with just a few mouse clicks. Supported platforms include Linux™, Sun Solaris®, and Microsoft® server platforms. An optional appliance is also available for rapid recovery of current data and recent history.

The LiveVault server backup and recovery solution fully automates and streamlines the protection of your data through a service that:

- Achieves business continuity and data protection with limited or no IT involvement
- Automatically moves data off-site to a secure facility
- Provides reliable backups and data recovery

#### FULLY AUTOMATED BACKUP AND RELIABLE RECOVERY

With the LiveVault solution, backups are performed automatically and continuously, so data is protected as it's 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 a remote and secure Iron Mountain facility without manual IT intervention.

At every step, from the moment it leaves your server until it's safely stored in our remote data centre, your data is completely secure and carefully protected, using the same stringent measures, protocols, and standards that financial institutions use to protect their data. Iron Mountain's LiveVault server backup and recovery solution encrypts all data at the source with a unique key that only you have using 256 bit AES encryption. For an additional layer of protection, the server backup and recovery solution uses Secure Socket Layers (SSL) to establish a secure and resilient communication tunnel to the off-site Iron Mountain storage facility.

Even recovery is automated. You select the data to be recovered from a catalogue of archived versions. 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.

### RAPID RECOVERY

The LiveVault solution uses a unique Delta Restore capability that drastically speeds restoration for common causes of data loss and data corruption. Now instead of restoring an entire file or database after corruption or inadvertent changes, LiveVault restores only the data that has changed. If for example, a virus corrupts a few messages within a large Microsoft Exchange database, LiveVault “rolls back” the database to the exact state it was in at a point prior to the corruption, reconstructing the database rapidly by restoring only the data which has changed.

An optional TurboRestore™ Appliance is available for local disk-speed recoveries of current data and recent history. This simple-to-install appliance enables you to quickly recover large amounts of data, while meeting the most stringent Recovery Time Objectives (RTOs). The Rapid Recovery Appliance requires no maintenance or manual operation and maintains recoverable copies of all current data plus a rolling “data history” of recent versions that are always available for fast local recovery.

### 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 customised backup policies, check status, delegate responsibilities across your enterprise, and initiate restore operations whenever needed.

Roles-based access control lets you define access levels for various user classes across your organisation. You can also control archival requirements to ensure your remote offices conform to corporate and regulatory guidelines

### CONTINUOUS BACKUP

The LiveVault solution delivers point-in-time recovery of server data through continuous backup, providing nearly 100 recovery points daily. For example, if a virus corrupts your database server, you can use the Web Management Portal to simply roll back the database to its previous state just prior to the corruption. Continuous backup enables you choose the exact version of the file to recover, from numerous point-in-time versions each day, for vastly improved Recovery Point Objectives (RPOs). The LiveVault solution also provides built-in protection of open files and databases without complex plug-ins or costly third party tools.

### FLEXIBLE BANDWIDTH MANAGEMENT

After an initial backup, the LiveVault server backup and recovery solution transmits only the changes to files, minimising bandwidth consumption. Bandwidth throttling enables you to control the amount of bandwidth used during specified time periods.

### SUBSCRIPTION SERVICE OR LICENSED SOFTWARE

Iron Mountain’s LiveVault server backup and recovery solution can be delivered in two ways: via a Subscription Service which provides secure off-site data storage, instant scalability and unmatched ease of use and requires no capital investment, or as Licensed Software which allows organisations to run the server backup solution inside their own IT environments. Delivery is from Iron Mountain directly, or through partner providers.

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Iron Mountain Digital is the world’s leading provider of data backup/recovery and archiving software and services. The technology arm of Iron Mountain Incorporated offers a comprehensive suite of data protection and e-records management software and services to thousands of companies around the world, directly and through a world-wide network of channel partners. For more information, visit [www.ironmountaindigital.co.uk](http://www.ironmountaindigital.co.uk)