Today, more and more organizations are leveraging cloud-based backup to lower costs and reduce the administrative overhead of managing the server backup process. Complex, traditional tape-based backup solutions often increase the burdens on IT staff, and can be costly to deploy, cumbersome in a disaster situation and result in an uncoordinated approach to server backup that can delay recovery times. With an automated, secure cloud-based service, organizations can meet recovery point and recovery time objectives, as well as business continuity requirements—while allowing IT staff to focus on strategic projects.

Autonomy LiveVault reduces the burden of managing the often complex and error-prone data protection process seen in traditional backup environments to allow organizations to focus their budgets and resources on long-term strategic initiatives instead of costly, manual tasks.

**Features:**
- Easy-to-use, automatic, secure, and reliable server cloud-based data protection
- Managed service with administration, monitoring, and proactive notification
- Virtualized environment support
- Fast and easy recovery with DeltaRestore™
- Native, embedded storage optimization
- TurboRestore Appliance™ onsite appliance (sold separately)
- Application support for Microsoft Exchange and Microsoft SQL Server
- Data Shuttle Service for seeding and large data restores (sold separately)

**Benefits:**
- Achieves cloud data protection and long term offsite retention
- Removes the burden of complex, daily backup chore
- Delivers point-in-time recovery of server data by near continuous backup
- Provides data security with industry certifications PCI DSS and ISO 27001

Autonomy LiveVault provides automated and continuous backup, with protection intervals as low as every fifteen minutes, to ensure data is protected as it is created. LiveVault delivers fully automated backup over the Internet or a private network connection for uninterrupted remote data protection. Data is moved offsite to secure, mirrored data centers and is completely secure and protected at every step of the way using stringent procedures, protocols, and standards. Autonomy LiveVault encrypts all data at the source using 256-bit AES encryption with a unique private/public key pair. For an additional layer of protection, LiveVault uses the Secure Sockets Layer (SSL) protocol to establish a secure, resilient communication tunnel to offsite Autonomy data centers.

Recovery is simple and straightforward. Organizations can select the data to recover from a catalog of archived file versions, and LiveVault automatically restores the data to the location of your choice. LiveVault leverages the cloud to automatically transfer data offsite for disaster recovery. Data is backed up off-premise shortly after being updated, allowing organizations to restore data from moments before a disaster occurs.
An Easy-to-Use Interface

Through the LiveVault Web Management Portal, organizations can manage and monitor the entire data protection workflow including backup, offsite storage, and recovery anytime, anywhere. Organizations can create customized easy to use, yet powerful, backup policies, check status, delegate responsibilities across the enterprise, and initiate restore operations whenever needed. Role-based access control allows organizations to define access levels for various user classes across the enterprise.

Understanding Your Data, Get More Out of Your Backup

LiveVault, available via the LiveVault IDOL connector, can be enabled to interoperate with Autonomy’s Intelligent Data Operating Layer (IDOL) offering (sold separately), which provides advanced search and analytics, categorization, and clustering to all types of structured and unstructured data. These capabilities enable organizations to reduce costs and risks, and collect server data for critical business functions such as data analytics, efficient discovery, and legal hold.

Virtual and Physical Server Support

Autonomy LiveVault protects and ensures operational and disaster recovery for virtualized systems, as well as physical servers. Organizations can manage global backups from a single console with features such as grouping of servers for distributed administration, role-based administration, and advanced reporting.

LiveVault also provides selective backup and restore of specific files. The administrator can browse the native file system structure to determine what to backup and exclude. This flexibility helps limit backups to only what is needed, reducing costs and allowing for simpler and faster restore of individual files. In addition, unlike snapshots of the host, backing up with LiveVault provides enforced retention of backups, off-site storage, and consistency in the execution of backups.

LiveVault can restore data back to physical or virtual machines, including those in a completely different geographic location. This flexibility is a key to successfully meeting Recovery Time Objective (RTO) windows during site disasters.

LiveVault provides transactionally stable backups of open files and frequently changing databases, with Application Awareness for Microsoft Exchange and Microsoft SQL Server.

Rapid Recovery with Advanced Technologies

Autonomy LiveVault offers advanced technology to make recovery fast and easy. LiveVault speeds recovery by leveraging delta-based backup/recovery, versioning, and snapshots to quickly recover data that has changed since the last backup, allowing organizations to better achieve their Recovery Time Objectives (RTOs) and Recovery Point Objectives (RPOs) requirements.

Autonomy offers an optional, on-site appliance that provides backup and recovery over a local network, reducing downtime even further. A backup and restore data shuttle service is available for quickly transferring large amounts of data (multiple terabytes).
Continuous Data Protection without Complexity

Autonomy LiveVault delivers point-in-time recovery of server data through near-continuous backup, providing up to 96 recovery points (snapshots) daily. Continuous backup enables organizations to choose the exact version of the file to recover from numerous point-in-time versions each day, for vastly improved Recovery Point Objectives (RPOs). LiveVault does not require complex plug-ins or costly third-party tools to protect critical data. LiveVault Web Portal Management allows organizations manage and monitor the entire data protection workflow including backup, off-site storage, and recovery from a Web browser anywhere, anytime.

Unparalleled Security

Autonomy provides unprecedented security in the cloud, adhering to global certification standards such as PCI DSS and ISO 27001. Following best practices in BCP (Business Continuity Planning), two fully mirrored, geographically separate systems provide complete data and system redundancy.

Autonomy LiveVault helps organizations achieve speed, flexibility, and cost-effectiveness. The solution allows IT to be more agile and helps organizations increase their competitiveness. Cloud-based data protection enables organizations to respond quickly to changing business needs while reducing costs and eliminating the burden of managing complex and error prone backup processes. An automated, secure cloud service allows organizations to meet recovery point, recovery time objectives, disaster recovery, and business continuity requirements without diverting scarce budget and resources—so IT staff can focus on strategic projects.