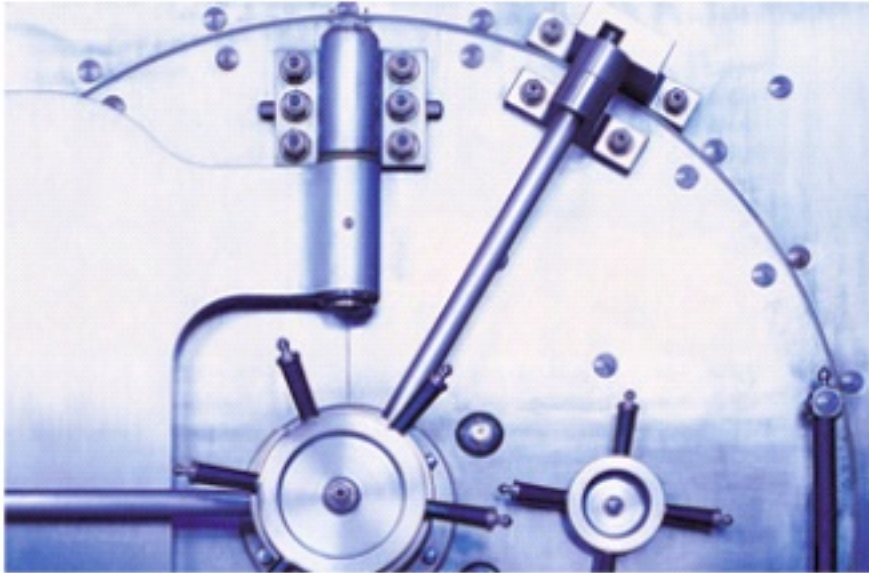


Electronic Vaulting

Online backup and restore service - fully automated, 100% guaranteed recovery



50% of companies unable to recover their mission critical data within 10 days...go out of business in five years.

The Meta Group 2002

Business Smarts, in conjunction with HP and Livevault corporation, offers the capabilities of continuous online backup and recovery services, once available only to large enterprises, configured and priced for smaller companies.

Why use Electronic Vaulting

Most companies, even large ones, don't accord disaster recovery strategies the same level of attention as other areas of their IT expenditures. Until they have a data loss and then it may be too late. Unfortunately 50% of most data recoveries fail due to errors in the original backup process. The problem is many organizations either don't allocate or have the required IT resources to do backup properly.

The hallmark of a good data recovery plan includes the following;

- * Automated – reduce possible failures due to human error.
- * Timely – backups should be done as often as possible to reduce the time between a potential data loss and the last backup.

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"integrating knowledge & technology"

- * Monitored for success – an unsuccessful backup that goes unnoticed is a time bomb .
- * Offsite data storage – critical data should be stored offsite so that any serious calamity doesn't wipe out both the production and backup data.
- * Periodic restoration testing – verify your strategy is working.

Large organizations accomplish this with expensive robotic tape libraries, complicated backup software, transport companies to take tapes to offsite facility, offsite storage fees and a considerable amount of IT staff time.

Online Electronic Vaulting does all this simply and automatically for a single monthly fee.

Assured protection for your data

Electronic Vaulting Service for SMB makes it easy to restore vital business data from anywhere across your business, anytime you need it. The service includes:

- 1 Managed backup service — Eliminates tapes and nightly backups with an automatic continuous process that is intended to protect your data up to the minute instead of just once per day. Once set up, typically you do not have to do anything unless a file or database restore is needed.
- 1 Transport data security — Your data is backed up using AES encryption and digital certificate.

business partner



- 1 Open file/database protection — Provides built-in protection for open files and databases, without requiring third-party agents or open file managers.
- 1 Offsite data security — Your data is stored in a secure offsite data center.
- 1 Web browser management — This easy-to-use graphical interface allows you to do point-and-click restores of current files or older versions.

You'll enjoy immediate access to critical data — even after a disaster. And you'll contain costs because the affordable Electronic Vaulting services approach makes it easy to select the service level that's a match for your realities and requirements.

Eight Electronic Vaulting service plans are available, protecting from 5 to 50 gigabytes of data per server, with a choice of 30 days or 1 year of online history.

Benefits

- 1 Continuous online backup and offsite data vaulting reduces exposure to lost data
- 1 24x7 remote monitoring means no need for hands-on administration
- 1 Provides peace of mind — You can be sure that your data is always secure and available when needed
- 1 Frees up IT staff for higher payback activities — Eliminates the need for staff to spend time on handling tapes for backups, taking tapes offsite, requesting tapes for restores, and other mundane yet error-prone tasks
- 1 Reduced complexity — Available as an easy-to-purchase service

Implementation

Electronic Vaulting service is a part Hewlett Packard's \$750 million investment in the SMB service arena in concert with their business partners. Business Smarts, a long time HP partner, offers this service as part of a comprehensive disaster recovery and business continuity service portfolio.

Electronic Vaulting may be used as part of a more comprehensive disaster recovery plan or as a complete solution for some companies. For example Business

Smarts uses hardware redundancy and nightly disk to disk, full backups for a very quick recovery from a hardware failure. We use Electronic Vaulting in lieu of tape backup for our mission critical data, a subset of our total data store. Our redundancy gets us quickly up to a state as of the previous evening. Electronic Vaulting fills in any gaps from the current day plus provides long term peace of mind that in the event of a major catastrophe, we can recover.

Business Smarts can advise and assist in any changes required in an existing environment to take full advantage of the automated aspects of Electronic Vaulting.

Business Continuity Planning

Building an overall business protection solution can be a simple or complicated process depending on the complexity of the IT environment and how critical it is to the business operations. The basic elements of a continuity plan are

- 1 Data Protection – Keeping data available, archiving data frequently and protecting data from unauthorized use.
- 1 System Availability – Keep systems available to users through remote access, resilient against hardware failures, proactive monitoring of ECO's and patches and protecting from unauthorized outside Internet access.
- 1 Site Protection – Protection from physical disasters through contingency planning, offsite data storage, alternate hot/warm/cold site, replacement strategy and protection from theft and vandalism.

Implementing a plan would consist of an;

- 1 Analysis - Identify the business risks and exposures of system downtime and data loss and quantify costs of those outages.
- 1 Design - Translate requirements into executable strategies with specific products and services.
- 1 Deploy – Install the supporting infrastructure to minimize downtime and develop the overall business continuity program and plan.
- 1 Manage - Rehearse the business continuity plan on a regular basis.