

Find out how implementing an Online Electronic Backup Strategy can save your business money while reducing your overall risk of data loss.

SERVICE HIGHLIGHTS

Operating System Support:

- Windows 95, 98, ME, NT, 2000, XP, 2003
- Mac OS X v10.2 or above
- Redhat Linux 6.0 or above
- SUN Solaris
- AIX
- HP-UX
- FreeBSD
- Novell NetWare 5.1 or above
- All other platforms supporting Java2 JRE 1.2.1, Standard Edition

Requirements:

- Memory: 256MB
- Disk: 70MB
- Network Protocol: TCP/IP (HTTP/HTTPS)

Application Support:

- Microsoft Exchange
- Lotus Notes/Domino
- Microsoft SQL
- Oracle 8 and Above
- MySQL

Enhanced Protection via:

- **Message Level Restores** (MS Exchange 2000/2003 only)
- Data encryption
- Verified Data Integrity w/ Autonomic Healing
- Your backups immediately go offsite
- **Open File Protection** (OS dependent)
- Point-in-time restore

Increased Performance via:

- LAN speed disk-to-disk backups and restores
- **Only delta block and file changes are sent over WAN**
- Copies of all backup jobs can be saved locally for LAN speed recovery

Reduced Management:

- No more tape swapping and management
- Very easy to use graphical and Web interfaces
- **Backup Agents are updated automatically**
- Detailed daily E-Mail alerts and status updates

Protection for the entire Enterprise:

- Servers
- Desktops
- Laptops
- Corporate HQ
- Remote Office
- Home Office

What is eBackup?

eBackup is a service offered by Chicago Records Management to enhance their client's existing data backup strategies. For over 18-years, CRM has been visiting client sites to pickup computer tape to transport back to their warehouse and store in their climate controlled fireproof vault. In response to customer demand, CRM now offers the same level of service – **electronically**.

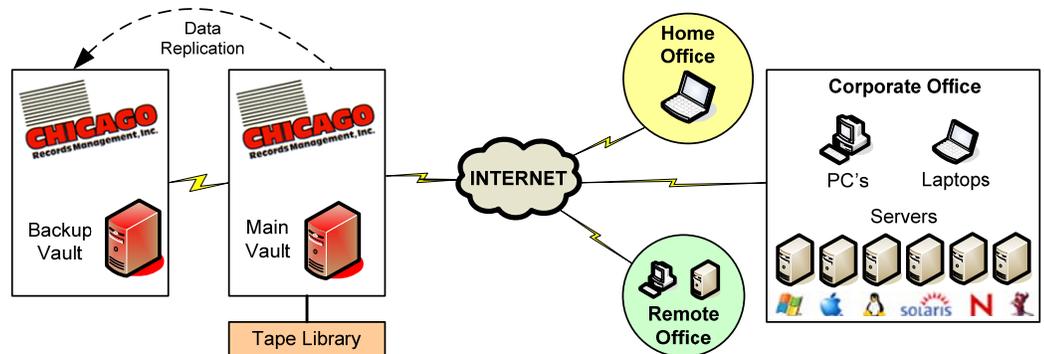
Instead of having data tapes picked up each day, week, month, etc., customers have been "streaming" their data directly to CRM's Electronic Vault over the Internet – safely, securely, and cost effectively.

eBackup is a service that uses the Internet to copy your data to CRM's Electronic Vault. It is specifically engineered to operate over a WAN and is very bandwidth friendly.

How does it work?

Because the system is an "online" solution, once a file is protected, it will never be backed up again unless the file changes or you invoke a full backup. This eliminates backing up the same unchanged data each night. When files do changes, only the "changed" portion is copied offsite to CRM's Vault. This is called delta blocking – the process of recognizing changed information in a file and backing up only the new information. Should one of these files need to be restored, the system will rebuild the file and deliver it back to you. This reduces both a savings of bandwidth and storage requirements. Should you need to restore a large amount of data that would otherwise not be practical to pull over the Internet in a reasonable timeframe, CRM can copy your backups from their Vault to a portable device (hard drive, laptop, PC, server, etc.) and deliver it to you.

CRM's eBackup solution offers protection beyond the datacenter.



How can it save me time and money?

Our eBackup solution will:

- *Substantially reduce the amount of time critical data resides in your facility and not protected at an offsite location – data goes offsite **automatically**.*
- Eliminate your tape expense
- Eliminate your dependency on tape devices (tape drives, autoloaders, etc)
- Eliminate your dependency on an individual's availability to load fresh media into a tape device
- Eliminate onsite tape pickup and storage charges
- Takes advantage of and enhances existing technology investments

All software necessary to use CRM's eBackup service is provided FREE of charge.

How long do Internet backups take?

Most companies are concerned with the amount of time it would take to backup (or restore) their data over a relatively slow Internet/WAN connection. Here is how our solution addresses this concern:

1. The initial backup is written at local speeds to a detachable hard disk connected to the server or a remote workstation.
2. The hard disk is then shipped to CRM and connected **directly** to their Electronic Vault where the data is then pulled into their system.
3. From there forward, only **changed data** is sent over the Internet from the Backup Appliance – *on a block level*. (If only 10k of a 25MB file has changed, then only that 10k will be transported!)

In the event of a large data loss, CRM can pull your data off of the Vault to a portable device and hand deliver or ship it to you.