

EMC® Retrospect® X for Macintosh



The Future of Backup and Recovery for the Macintosh

Data Protection for Home Networks, Small and Medium Business

EMC® Retrospect® backup and recovery software delivers automated, reliable data protection to home users, small office/home office (SOHO), small and medium businesses (SMBs), and branch offices of distributed enterprises.

EMC Retrospect delivers powerful yet easy-to-use data protection for your servers, 24x7 applications, desktops, and notebooks. It protects your personal information and business from data loss due to user error, computer failure, or site-wide disasters. Retrospect protects millions of computers world-wide and consistently earns top awards and broad industry acclaim for its unique patented technology.

Easy to set up and manage

Robust data protection doesn't have to be complex. Retrospect's intuitive wizards get you up and running quickly. Backup operations are automatically adjusted to ensure that all computers are protected without requiring manual intervention. With Retrospect there is no need to write new backup scripts each day to keep backups running smoothly. And user-initiated restores enable end users to perform fast onsite recovery of their data without putting a strain on IT resources.

Avoid weekly full backups

Unlike other backup applications, Retrospect delivers fast incremental backups while still providing accurate restores. Retrospect does this by creating a list of hard drive contents during each backup. Retrospect later uses this list to select the exact data necessary to perform an accurate restore to a prior point in time. With Retrospect you get a perfect restore every time. Other software doesn't utilize such a list and therefore can only provide an accurate restore to the day a full backup was performed.

Simplifies management of backup media

Traditional backup software requires a complex strategy to protect against failure of backup media or a site-wide disaster. Multiple sets of tapes must be created, tracked, and rotated offsite in a rigid and unforgiving manual process. Retrospect eliminates complex tape rotation strategies. Simply create two sets of tapes. Keep one set onsite for backups and restores. Send the other offsite for safety. Rotating tape sets is easy and fast.

Disk-to-disk-to-tape backups

Retrospect protects more computers in less time when utilizing disk as a backup destination. For offsite protection, create synthetic full sets of tapes by rapidly streaming data from the backup disk, eliminating the need to perform another backup over the network so applications and users remain unaffected. Establish a policy that retains a set number of backups and automatically removes older data to make room for newer backups. You never have to perform a full backup again.

Highest level of security for backup media

Retrospect delivers the strongest possible security for your backup media using U.S. government-certified 128-bit and 256-bit AES encryption. With AES encryption, unauthorized individuals cannot access information stored on backup media in the event that it is lost or stolen.

Other features include:

- Bare metal restore
- Universal binary for Intel and PowerPC based Macs
- Advanced backup to disk
- Customized reporting
- Email notifications

Retrospect X planned features

Universal Binary	Runs native on Apple's new x86 (Intel) and PowerPC Macintosh computers for faster processing.
New user interface with a remote management console	A new user interface that has the Apple Leopard OS 10.5 look and feel with a console that allows for remote management of your backup server(s).
Multiple drives & multiple executions	MDME gives Retrospect the ability to backup multiple destinations at the same time, maximizing your window of time for backup. Restore from one backup set without having to stop the current backup to a different set.
Protect heterogeneous networked computers	Back up Mac OS X, Mac OS classic, Windows, Red Hat Linux, SUSE Linux, Solaris, and NetWare computers automatically to a central Macintosh backup server. Retrospect X has added support for newer versions of operating systems.
Desktop and notebook backup	Protect desktops and notebooks, which contain up to 80% of a business's critical data. Clients are backed up when they become available on the network, rather than on a fixed schedule. This is especially useful for notebooks, which are not always connected to the network. Backup verifications can be done outside the backup windows, allowing more networked computers to be protected each day.
Protect Microsoft Exchange Server	Optional add-on protects an Exchange Server while it is up and running. Easily back up and restore the entire Exchange database, Storage Groups, public folders, and individual mailboxes including messages, calendar entries, and tasks. Supports two-node clusters and automatically includes new mailboxes for backup as they are added.
Protect Microsoft SQL Server	Optional add-on protects a Microsoft SQL Server/ databases while in use.
Single-instance storage	Retrospect recognizes identical files on desktops, notebooks, and file servers and backs up just one copy, saving time and space on the backup media.
Self-adjusting backup operations	Backup operations are automatically adjusted to ensure that all computers are protected without requiring manual intervention by IT staff. With Retrospect there is no need to write new backup scripts each day to keep backups running smoothly.
Check-point restart	If backups or restores are interrupted, Retrospect resumes where it left off.
No need to perform a full backup each week	With Retrospect there is no need to perform a time-consuming full backup each week. Other backup applications require weekly full backups and daily incremental or differential backups in order to prepare for an accurate restore of a computer to any prior point in time.
Customized reporting	View and create dynamic reports that update in real-time.
Unparalleled restore accuracy	Only Retrospect's patented Smart Restore™ technology automatically compiles a list of data on the hard drive prior to every backup. Retrospect uses this list to select the exact data needed to restore a computer to a point in time without returning unwanted files that were previously deleted, moved, or renamed.
Automatic grooming of disk backups	Establish a policy to retain a set number of backups and automatically remove older data to make room for newer backups. Retrospect X supports grooming of encrypted disk Backup Sets.
Synthetic full backups	Utilize existing backups on disk to create a new full backup on tapes for offsite storage without affecting systems, users, or your network.
Backup to disk, tape, or optical media	Back up to local disk, networked disk such as NAS or a storage array, single-tape drives, autoloaders, large tape libraries, and CD/DVD devices. Supports TapeAlert and DLTSage.
Advanced tape support	Optional add-on enables backups to as many as eight tape drives in parallel, including stand-alone drives and drives in libraries and autoloaders. Barcodes are supported for quick media identification.
AES encryption	Encrypt backups on CD/DVDs, disk, or tapes using 128-bit or 256-bit AES encryption, the strongest levels of encryption available.

EMC Insignia

EMC Retrospect is part of the EMC Insignia line of software and hardware products, which enables small and medium businesses (SMBs) to store, manage, protect, and share vital business information. To learn more about EMC Insignia, contact your authorized EMC Velocity SMB channel partner or visit www.emcinsignia.com.