



Retrospect[®]

WINDOWS

95% of business information is now digital.
80% of this critical data is stored on laptop or desktop computers, and is not properly backed up.

New in Retrospect 8

Instant Scan technology cuts backup and live restore times by half on average

- Increase the amount of data and/or the number of computers you can back up, and strengthen your data protection strategy by running critical backups more often
- Reduce downtime during a restore

Dissimilar Hardware Restore recovers to any Windows computer

- Easily recover to a new model or one from a completely different manufacturer
- Full disaster recovery - Avoid migrating user data and reinstalling applications after hardware failure
- Flexible and automated data migration for scheduled computer replacement/upgrade

Windows 8 ready

- Ready to back up Microsoft Windows 8 or roll back to a previous OS version if needed

Improved VMware vSphere Support

- Native support for ESX 4.1 and ESXi 5

All-new Retrospect Clients for Windows and Mac

- End-users can run their own backups and restores
- Administrator-level control of options
- Improved link encryption keeps data safe from snooping

Retrospect 8 backup and recovery software for Windows provides medical offices, law firms, banks, auto repair shops, restaurants, departments in large corporations, universities, government offices and so many others with the peace of mind of knowing that their digital assets are safe.

With more than two decades of field-tested expertise and millions of users worldwide, Retrospect's reliability, ease of use, and flexibility protects critical data on mixed-platform networks in more than 80 countries.

Retrospect's enterprise level features provide local and offsite backups, precise point-in-time restores, file-level deduplication, VMware integration, iOS remote management of multiple backup servers, end-user-initiated restores, and industry-leading customer support— all with no dedicated IT staff required to manage it.

Easy and Automatic

Retrospect easily automates the backup process for networked computers.

- Makes building a complete and reliable backup strategy easy.
- Works flawlessly in a mixed Windows/Mac environment without adding cost.
- Auto-detects new, or previously off-line server, desktop & laptop computers and prioritizes their backup.

Powerful and Flexible

Retrospect provides enterprise-level features and performance that small and midsize businesses need, without requiring dedicated IT staff to manage backup and recovery operations.

- Performs versatile backups and restores with up to 16 simultaneous executable operations.
- Flexible backup to local and network disks
- Media management benefits make media rotation effortless, and locating data for restore simple.

Reliable and Secure

Retrospect is the backup software that small and midsize businesses rely on to protect their valuable information against costly data loss.

- Industry-leading data verification double checks that data is backed up and restorable.
- U.S. Government-certified encryption ensures that backups and data transmissions are always secure.
- Open files, working databases and other running applications are protected and can be restored up to the moment that they were backed up.



For more information about Retrospect please call 888-376-1078 or email sales@retrospect.com

Retrospect Makes Backups Easy and Automatic

NEW! Restore to Dissimilar Hardware (add-on)	The Dissimilar Hardware Recovery add-on allows Retrospect to perform a complete restore—including the operating system—to entirely different hardware.
NEW! Apple Notification Center Messages	Using Mountain Lion's new Notification Center, Mac users can be notified when a backup of their computer begins and when it's finished.
NEW! Windows Notification Area Support	The new Retrospect Client software uses the Notification Area to alert end users when backups are starting or have finished.
IMPROVED! Bare Metal Disaster Recovery	Boot media can be created for nearly every Windows and Mac system protected by Retrospect to provide fast recovery from a non-bootable state.
IMPROVED! Control and Monitor Retrospect from iOS	Use the free Retrospect iOS app on an iPhone, iPad, or iPod Touch to keep tabs on backups over Wi-Fi or 3/4G.
IMPROVED! Back Up and Restore On Demand	New Retrospect Client software allows each user to quickly back up important files or folders and even run their own restores right from the Desktop. Now supports Windows and Mac clients.
IMPROVED! Private File and Folder Options	Users can easily drag and drop files, folders, and even entire volumes like flash drives, to mark them private, so they won't be copied during a backup. Now supports Mac clients.
IMPROVED! Automatic Disk Grooming	You tell Retrospect how many backups to keep, and it will automatically remove older backups when it needs more space on disk-based storage. This technology allows Retrospect to perform faster, smaller Smart Incremental backups forever.
Getting Started Wizard	Retrospect guides the new user through setup and running their first backup, whether it's for a single server or a whole network of systems.
Backup, Restore, and Copy Assistants	Retrospect's assistants make it easy to perform the most common manual and scheduled operations.
Smart Incremental Backups	There's no need to tell Retrospect to do a full backup; it intelligently backs up only the unique files that it doesn't already have.
Proactive Backup	Need to protect laptops that come and go from the network? Retrospect's Proactive Backup feature watches for computers and automatically backs them up when they connect to the network.
Protects Everything	Retrospect runs with administrator-level access, so it can easily back up all files on servers, desktops, and notebooks.
Runs in Virtual Guest Environments	Retrospect Client software can be used to natively back up Windows, Mac, or Linux machines running in virtualized environments.

Retrospect Makes Backups Easy and Automatic

Automatic File-level Deduplication	Retrospect maximizes storage usage by only copying unique files—even across multiple computers—to the backup media.
Roll-back Restores (Live Restores)	Retrospect is able to easily roll back a functioning computer to a previous state. Simply restore over the volume that includes the running operating system and reboot.
Auto-Locates Network Clients	When used with a public/private key, Retrospect will automatically connect to new client computers on the network and even back them up without manual intervention.
Automatic Software Updates	Retrospect will periodically check for software and device driver updates and notify the user when updates are available for download.
Automatic Device Configuration	Retrospect recognizes supported devices automatically and makes them available for immediate use without the need for manual setup.
Easy Physical Media Rotation	Instead of needing to rely on complex media rotation schemes, such as Grandfather-Father-Son, Retrospect allows the user to rotate physical media as they see fit, and it automatically copies the files needed to keep each Backup Set complete.
Wake-on-LAN for Green Backups	To reduce the overall power demands for backups, Retrospect awakens sleeping/stand-by mode computers to back them up and then allows them to return to their low-power state.

Retrospect is Powerful and Flexible

NEW! Instant Scan Speeds Backups	Retrospect Clients already know what files have been added or changed before the backup server even connects, cutting average nightly backup times in half. The same technology is also used on the backup server.
NEW! Support for Mountain Lion	Retrospect supports Mac OS X “Mountain Lion” on Mac client systems and takes full advantage of 64-bit resources.
NEW! VMware Integration (Add-on module)	Retrospect server-level products support file-based off-host backups of VMs in ESX 4 and ESXi 5 environments.
NEW! Support for Cloud Storage	WebDAV support allows Retrospect to back up from or to offsite cloud storage. Powerful filtering rules can be employed to allow complete local backups, while ensuring only critical data needs to be copied to the cloud.
Uses Disk, Removable, Cloud, and Tape	Retrospect supports most types of magnetic media for backup, including hard disk drives, network-attached disk, flash media, and every major tape format.
Performs Multiple Tasks Simultaneously	Need to run a restore without interrupting ongoing backups? Need to back up multiple laptops at the same time? Retrospect server editions perform up to 16 simultaneous operations.

Retrospect is Powerful and Flexible

Flexible Backup to Local and Network Disk	Retrospect can make use of multiple hard disk destinations, whether grouped together or used independently; connected directly via USB, FireWire, or eSATA; or when networked using Ethernet, iSCSI, or Fibre Channel.
Disk-to-Disk-to-Disk (D2D2D) Backups	Retrospect can transfer specific or all backups between Backup Set destinations, making it trivial to back up nightly to network-attached storage and then transfer just the most recent nightly backups to a portable hard disk for safe, offsite storage.
Disk-to-Disk-to-Tape (D2D2T) Backups	Retrospect can stage backups to disk before transferring them to tape, ensuring that the fastest possible throughput is achieved at each stage. Disk-based backups can also be copied to tape for safe, offsite storage or archiving.
Backs Up Mac, Windows, and Linux	Heterogeneous networks are protected using Retrospect's native client software, ensuring perfect backups regardless of operating system.
Powerful Search Capabilities	Retrospect can locate files not only by name and location, but also by a multitude of other criteria, including modification date, Finder label, size, and even security permissions.
Flexible Scheduling	Backup, copy, archive, and restore operations in Retrospect can be scheduled to meet any agenda.
Creates Bootable Copies	The copy feature in Retrospect can make a bootable clone of any volume, and it can keep the clone updated with its Smart Incremental technology, which takes far less time than a new copy.
Advanced Tape Support (add-on)	This add-on allows Retrospect to stream backups to multiple tape drives at the same time, whether installed in a single library or standalone.
Complete Mac OS X Disaster Recovery	Retrospect for Windows employs native Mac OS backup client software for comprehensive backups that include all the proper metadata and system components to provide complete disaster recovery restores of protected Macs.
Powerful Filtering	To include or skip specific files, folders, and volumes, or to back up only specific data, Retrospect includes both built-in and user-definable selectors that filter data based on a multitude of conditions, including file names, dates, and types.
Microsoft Exchange Support (add-on)	Retrospect employs Microsoft's Volume Shadow Copy (VSS) technology to protect Microsoft Exchange Server 2013/2010/2007/2003 while running.
Microsoft SQL Server Support (add-on)	Retrospect protects single and multiple instances of Microsoft SQL Server 2012/2008/2005 while running.
Space-saving Data Compression	Built-in data compression routines and support for hardware-based compression present in tape drives comes into use after Retrospect performs its file-based deduplication, further reducing backup storage requirements.
Support for Multiple Network Interfaces	Retrospect can take advantage of multiple network interface cards to improve performance and to prevent traffic from crossing subnets.

Retrospect is Built for Reliability and Security

NEW! Administrator Feature Control	The backup administrator can control access to end-user features like marking private files, running an on-demand restore, or stopping a backup that's in progress.
IMPROVED! Network Link Encryption	Retrospect will optionally encrypt communications between network clients and the backup server using strong AES-256 encryption to prevent network snooping of private information. Now supports strong encryption for Windows and Mac clients.
Precise Restores Every Time	Because it saves a complete point-in-time file listing of every backup, Retrospect always restores exactly the files that belong on a volume; no unwanted files get restored and later require cleanup.
Multiple Backup Sets for Offsite and Archival Storage	Retrospect employs multiple storage destinations—called Backup Sets—and tracks each independently to provide for easy offsite storage and maximize restore reliability.
Protects Open Files	Retrospect uses Microsoft's Volume Shadow Copy (VSS) technology to protect open files that might be in use at the time of the backups. The same point in time can be captured for files spread across multiple volumes, ensuring data integrity for complex systems.
Industry-leading Data Verification	When verifying data copied during the backup process, Retrospect actually employs the restore routines in the software to do a byte-by-byte comparison against the original, verifying not just the data but the entire restore process. Verifying the restore process and data together provides the most reliable method of verification available anywhere.
Anytime Verification	For tight backup windows where backups must be as fast as possible, Retrospect can verify the backup data at a later time by using a checkpoint method that does not burden the disk containing the original data.
Backup Media Encryption	Retrospect provides multiple encryption options for safeguarding backup data against unwanted access, including government standard AES-256 encryption.
Secure Client Access	Retrospect Client software is either password protected or deployed using a public/private key method for added security. The proper credentials must be presented to log in and back up the client machine.
S.M.A.R.T. Alert Aware	The Retrospect Client software communicates to the backup server when a hard disk drive begins to fail so it can be backed up immediately.
Email Notification	Retrospect will notify administrators of media requests, operational errors, and successfully completed operations.
WORM Tape Compliance Support	Retrospect fully supports write-once, read-many tape media for strict compliance with various regulations, including Sarbanes-Oxley.
Scheduled Tape Drive Cleaning	Retrospect helps maintain drives in tape autoloaders and libraries by periodically loading a cleaning tape cartridge. Cleaning reminders are provided for standalone tape drives.
Over Two Decades of Innovation	Millions of users rely on Retrospect to protect their critical information.

Retrospect 8 for Windows Editions

Retrospect 8 Multi Server

Protects any number of networked Windows, Mac, and Linux servers, desktops, and notebooks. Supports disk and tape storage devices.

Retrospect 8 Single Server

Protects one server and any number of networked Windows, Mac, and Linux desktops and notebooks. Additional server client licenses can be purchased to protect more networked Windows, Mac, or Linux servers. Supports disk and tape storage devices.

Retrospect 8 Small Business Server

Protects a Microsoft Windows Small Business Server (SBS) and any number of networked Windows, Mac, and Linux desktops and notebooks. This edition includes Exchange and SQL Server agents. Supports disk and tape storage devices.

Retrospect 8 Disk-to-Disk

Protects a single Windows Server using local and network disk-based storage.

Retrospect Server Add-ons

Add-on licenses are available for restoring to dissimilar hardware; to protect Microsoft Exchange Server, Microsoft SQL Server, applications and open files; and to support tape library systems with multiple drives. Please see retrospect.com for complete details.

Retrospect 8 Professional 5-User

Protects a single Windows PC and up to five additional Windows, Mac, and Linux desktops and notebooks.