



XactCopy™

Backup & Recovery

Restore a failed system in less than a minute.

XactCopy™ is a fast, new approach to disaster recovery. Using two hard drives and a patent-pending technology, XactCopy rapidly copies files from the working disk to the secondary drive. If an operating system (OS) or hard drive fails, even an untrained user can boot the system from the backup drive in under a minute.

No more downtime

Why the system failed is not important to XactCopy. The program lets you restore a failed system immediately, then locate and fix the problem at your leisure. Network administrators besieged by angry users appreciate the ability to get users back in operation without the immediate pressure to find and correct the core problem.

Fastest backup and restore available

While the first full-system backup may take up to an hour, subsequent backups take no time at all. XactCopy simply compares the two disks and copies only those files that have changed. Even large, active servers back up in less than five minutes and can be prescheduled for automatic backup while in use. The server version of XactCopy comes equipped with Open Transaction Manager (OTM™) to allow clean backups

of application files while they are open and in use. Faster, less disruptive backups encourage more frequent use to help minimize data loss from a system or hard drive failure.

Easiest data recovery

XactCopy lets you recover from all types of disasters — including human error. If a file is lost or corrupted, XactCopy lets you select the backed up file and restore it in an instant. Recover a single file, folder, partition, or complete drive in a matter of seconds. Because the backup is a duplicate of the system disk, it retains all settings, applications, and data. XactCopy's system hides the backup drive from the operating system so that no user can intentionally or accidentally change the data on the backup drive.

How XactCopy Compares to Other Methods



FUNCTION	XACTCOPY	TAPE	DISK MIRRORING	IMAGE FILES	INTERNET
Direct Boot from the Backup Storage Device	YES	NO	N/A	NO	NO
Perform Full Backup in Approximately 1-3 Minutes (Typical)	YES	NO	N/A	NO	NO
Instant Recovery From Operating System Failure	YES	NO	NO	NO	NO
Instant Recovery From Hard Disk Failure	YES	NO	YES	NO	NO
Perform Backup Operation While the Server is Live	YES	YES	N/A	NO	YES
Fast Repair of Corrupted Files on the System Disk	YES	NO	NO	NO	NO
Repair Bad Sector problems on the Primary System Disk	YES	NO	N/A	NO	NO
Check For File Errors on System Disk Before Backup (FAT-16)	YES	NO	N/A	NO	NO
Automatically Perform Routine Data Integrity Checks of Backup Device	YES	NO	N/A	NO	NO

Operation Requirements

Server or Workstation

- Windows NT® version 4.0 or higher
- 2MB free hard disk space
- Dedicated secondary hard drive with equal or larger capacity than the sum of all partitions you wish to protect.

Product Versions Available

- XactCopy NT Server
- XactCopy NT Workstation
- XactCopy 95/98

Multiple seat licenses and discounts apply to all versions.

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Applications

- ▶ **Affordable Alternative to RAID** — XactCopy performs the same basic functions as a RAID system at a fraction of the cost. In addition, because it does not use concurrent writing to the mirrored backup drive, XactCopy offers better protection against operating system failures or other data errors.
- ▶ **Backup for Servers with RAID** — XactCopy provides quick recovery from OS glitches when RAID or mirroring is used. Because mirroring writes data concurrently to backup drives, there is no protection against OS failures — the most common of all.
- ▶ **Mission Critical Workstation Backup** — To create a fail-safe system, XactCopy can be installed on mission-critical workstations. The double protection system also reduces traffic on the network since backup occurs locally.
- ▶ **Application Testing** — Developers employ XactCopy to ensure a clean copy of a program exists before implementing any changes. Developers can run a new application or upgrade knowing they can quickly restore to previous settings if errors occur.