

Norton Save & Restore Is an Old Ghost Reborn

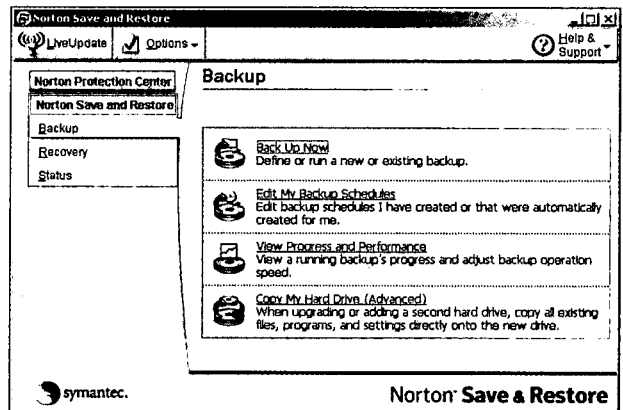
BACKUP SOFTWARE

THE POPULAR NORTON Ghost imaging and backup program is dead. Long live **Norton Save & Restore**—a direct successor that completes the degeekification that Symantec initiated with Ghost 10 a mere six months ago. This move is good news for click-and-pray users, as there's now virtually no way to mess up a backup if you follow the prompts.

Still, aside from the new

name and a few tweaks to the renovation, the only major added feature is the (exceedingly handy) ability to back up files and folders by selection or filter. Ghost 10 imaged only entire partitions, so the new ability can save you a lot of time and space. There's also tighter integration with Symantec's Protection Center, which includes virus protection and will invoke a Save & Restore backup if it detects a serious virus threat.

At \$70, Save & Restore costs \$20 more than its main competitor, True Image 9 from Acronis, but the Symantec product is easier to use, since it automatically takes care of a lot of details. For example, it can determine the most suit-



WITH SAVE & RESTORE, Symantec has finally provided a simple, versatile upgrade to its popular Ghost imaging application.

able backup location, consolidate backups, and reduce disk usage on its own. It also creates and restores images faster than True Image does. Unfortunately, its CD recovery disc works very slowly, and

the disc environment's inability to create new images may be a deal-killer for pros.

That said, Save & Restore is definitely the better fit for the average computer user.

—Jon L. Jacobi

Norton Save & Restore

Symantec

PCW Rating **79 Good**

Symantec's Ghost is reborn as an easier-to-use backup program.

Street: \$70 (\$20 rebate for users of Ghost 10)

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GoVault Drive Offers Data Safety, Portability

REMOVABLE STORAGE

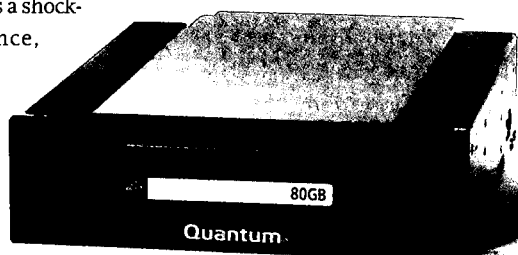
TEST CENTER THE SUCCESS OF Omega's Rev drive proves that a niche remains for removable hard disk drives, which are speedier and roomier than CD/DVD products. Quantum's new **GoVault Drive** is a brilliantly simple idea incorporating off-the-shelf technology to create a cartridge system that should be every bit as reliable as a hard drive.

The GoVault dock mounts in any 3.5-inch or 5.25-inch drive bay and accepts a shock-protected, 3.4-ounce, write-protectable and password-securable cartridge roughly the size of a deck of cards. Unlike

previous products, GoVault cartridges contain a sealed 5400-rpm, 2.5-inch SATA hard drive. Most earlier systems introduced external read/write heads into the platter-only cartridge, raising the possibility that contaminants might enter there and wreak havoc.

In our tests of a shipping

QUANTUM'S GOVAULT DRIVE works with proprietary hard-drive-based cartridges to offer safe, dependable backups.



unit, the GoVault's performance was good, though not as fast as most internal hard drives. The product runs only slightly warm—although it's quiet—with cartridges spinning up and appearing quickly as available storage. Since the drive's 300-MBps SATA interface has plenty of headroom to spare, faster hard drives and firmware updates presumably will improve future cartridge performance.

Now for the bad news: The

GoVault Drive system gets expensive quickly. The starter system—consisting of the dock, a 40GB cartridge, and the multi-OS Yosemite Backup software—sells

for \$299, but additional cartridges cost \$120 for a 40GB unit, \$189 for 80GB, and \$319 for 120GB. That makes the cost per gigabyte for media about two times the Rev's.

Nonetheless, the prospective reliability of the GoVault system, evidenced by a three-year warranty, makes it worth a look if you're considering the Rev or tape backup.

—Jon L. Jacobi

GoVault Drive

Quantum

PCW Rating **79 Good**

Expensive but quick and portable storage system should prove to be extremely reliable.

Street: \$299 for a dock and one 40GB cartridge

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