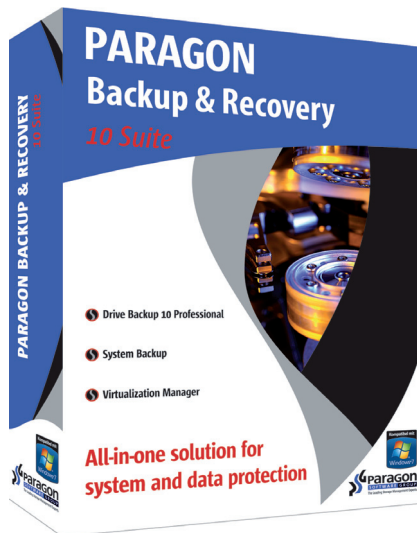


PARAGON

Backup & Recovery 10 Suite

Data Sheet



Paragon combines our latest patented technologies with 15 years of expertise to deliver a cutting edge solution to protect home Windows® users. Our Backup & Recovery 10 Suite is a disaster recovery and system migration solution for home Windows® environments, both physical and virtual. Positioned as a successor to the Drive Backup 9 consumer's line, it offers two backup approaches, the time-proven Drive Backup™, characterized by rich functionality and excellent flexibility and the brand new System Backup™, based on simplicity and minimal user participation. P2V and P2P operations are supported by Virtual Image Management™ and the updated Adaptive Restore™ - implements the latest trends in the system migration, protection, and evaluation.

Automatization Features

New! Automated Backup Policy	Automatically back up your system and data on a regular basis with our "Set & Run" technology. Our straightforward, user-friendly interface simplifies and guarantees total protection without frustration.
New! Protection Status Information	Safeguard the integrity of your Archives with our latest protection feature that alerts you when your archives are in an unsafe or inconsistent state.
New! Adjust Backup Process Priority	Set this feature to automatically adjust the priority of your backup process and keep your premium hardware resources available for critical processing tasks. Available only for automated backups.
New! Cyclic Backup	Use Cyclic Backup for set and run backup routines - now with even more flexibility than System Backup.
New! Scheduler	Chain any set of operations into one job and automate a routine.
New! Script Generator	Automate advanced options like remote and conditional execution, subroutines, repeatable iterations, disk/partition properties analysis, and errors management.

New! P2V Copy	A powerful technology for system migration that easily migrates a Windows based system to a virtual environment (using major virtualization software), even if it's currently online or being backed up with Paragon software.
New! P2V Restore	Restore existing backup images to a virtual environment (using major virtualization software). If your hardware fails, you can still work with your applications in a virtual environment on any other computer until your own PC is repaired.
New! P2V Adjust	Unique technology that allows you to recover the operating system's startup ability after an unsuccessful system virtualization with a 3rd party tool.
New! Popular Virtualization Software Vendors Support for P2V Operations	The program currently supports the following major virtual machines: <ul style="list-style-type: none"> • Microsoft Virtual PC • VMware Workstation • VMware Fusion
New! Next Generation of Adaptive Restore	A powerful and unique technology that restores any version of Windows (since Win2K) to completely different hardware by injecting the required drivers crucial for a migration of this kind. You can also recover the startup ability after an unsuccessful system migration to a different hardware platform with 3-d party tool.
New! Smart Driver Injector	A powerful technology that makes the process of adding new drivers (for P2P and P2V operations) smooth and easy.

New! Windows 7 Support	Enjoy full-fledged support for Windows 7.
New! Smart Backup Wizard	Quickly backup these files and folders: My Documents, My Media Files, My Email Folders and easily secure valuable data without additional configurations. You can leverage sector backups for the same purpose, by creating archives of whole partitions (with all redundant data).
New! Backup and Restore to or from FTP	Offload backup images to offsite storage for an even higher level of protection if disaster strikes. Get your OPS and data back on track even if other backup storages and media are unavailable.
New! Selective Restore	Extract individual files and folders from an archive without restoring an entire image. Use the Restore Wizard and simply check the files that you'd like to restore.
New! Scheduling for File-level Backups	Schedule any file-level backup task according to your requirements and obtain a new level of flexibility. All operations will be performed automatically in the unattended mode.
New! Boot Corrector for WinPE	Powerful utility that recovers the operating system's startup ability. Available in Linux, DOS and WinPE environments.
New! New Linux kernel	The latest Linux kernel version supports a wider range of hardware configurations (including the new Intel ICH9 chipset).
New! WinPE 2.1 Recovery Environment	The latest version of Windows Pre-installation Environment provides a wider range of hardware configurations and has the ability to add 3- rd party drivers on the fly if your hardware is not supported by default.

Updated! Improved Hot Processing Options	Live backup is a key feature for any backup software. The product has an improved, highly flexible configuration for two different methods of hot processing: Paragon HotBackup and Microsoft Volume Shadow Copy Service (VSS).
Updated! Improved support of 64-bit platforms	There's no longer a need for bootable media when modifying system partitions or when dealing with the Windows 64-bit family of operating systems. The program will automatically reboot to Windows Native Mode to complete an operation without any user interaction.
Updated! Exclude files and folders	Exclude files or folders from a backup image or during partition and hard disk copy functions according to pre-defined masks. Reduce the size of a resulting image and minimize operation time by excluding unnecessary files such as music, movies, etc.
Updated! Improved Support of GPT disks	GPT is an acronym for GUID Partition Table. Our next generation of hard disk partitioning scheme avoids the restrictions of MBR schemes. GPT disks are supported by Windows Vista, Server 2008, Mac OS X and Linux. Backup and restore GPT disks and single volumes without any restrictions, restore with resize is now also supported.
Updated! Support Apple Boot Camp Configuration	Apple Inc. allows the user to setup dual boot systems (Mac OS X and Windows XP/Vista) on Intel-based Macs using BootCamp utility. Paragon's engine fully supports backup/restore and copy configurations using bootable Recovery CD.
Updated! Better Support of Linux ExtFS	Enhanced support of standard Linux file systems from version 2 up to the new ExtFS 4.
Updated! Easy-to-use User Interface	Clean and simple GUI with a new Archive view and Task List window to simplify backup task management.

Paragon Software is committed to helping its customers keep step with the latest advances in Backup and Storage technology. Our developers have worked hard to bring you a number of unique Paragon and also external technologies with that in mind:

- ✓ **Paragon Hot Backup™** technology to back up locked partitions and hard disks under Windows NT+ family operating systems, providing both high operating efficiency as well as low hardware requirements.
- ✓ **Paragon Adaptive Restore™** technology to successfully migrate a Win2K+ physical system to a different hardware platform (P2P).
- ✓ **Paragon Power Shield™** technology to provide data consistency in case of a hardware malfunction, power outages or an operating system failure.
- ✓ **Paragon UFSD™** technology to browse partitions of any file system including hidden and unmounted, modify and copy files and folders, etc.
- ✓ **Paragon Hot Resize™** technology to enlarge NTFS partitions (system, locked) without rebooting or interrupting Windows.
- ✓ **Paragon Restore with Shrink™** technology to restore backup images to a free block of smaller size storage space by determining the amount of actual data of the image.
- ✓ **Paragon Smart Partition™** technology to securely perform hard disk partitioning operations of any complexity.
- ✓ **Paragon BTE™** technology to set tasks for execution in the Windows blue screen mode, erasing the need to use bootable media when modifying system partitions.
- ✓ **Paragon VIM™** (Virtual Image Management) technology that enables Paragon products to work with virtual disks as if they were physical hard disks.
- ✓ **Microsoft Volume Shadow Copy Service (VSS)** to provide the copy/backup infrastructure for the Microsoft Windows XP/Vista/7/Server 2003/2008 operating systems. It offers a reliable mechanism to create consistent point-in-time copies of data known as shadow copies. Developed by Microsoft in close cooperation with the leading copy/backup solution vendors on the market, it is based on snapshot technology.
- ✓ **Microsoft Dynamic Disk** (simple, spanned, striped, mirrored, RAID-5) offers more management flexibility without the partition limitations of basic disks. Dynamic storage can be particularly beneficial for large-scale businesses when dealing with many physical hard disks involving complex setups.
- ✓ **GUID Partition Table (GPT)**. The next generation of a hard disk partitioning technology developed to lift restrictions of the old MBR. GPT disks are now supported by Windows Vista/7, Server 2008, Mac OS X and Linux.

System Requirements

Operating systems

- Windows 7 (32-bit and 64-bit)
- Windows Vista (32-bit and 64-bit)
- Windows XP (32-bit and 64-bit)
- Windows 2000 Professional SP4

Windows-Installation

- Operating systems: Windows 2000/XP/Vista/7 and XP SP2/Vista/7 64-bit
- Internet Explorer 5.0 or higher
- Intel Pentium CPU or its equivalent, with 300 MHz processor clock speed
- 128 MB of RAM (256+ recommended)
- Hard disk drive with 150 MB of available space
- SVGA video adapter and monitor
- Mouse

Linux/DOS Recovery Environment

- IBM AT compatible computer with i486 or higher CPU
- 256 MB of RAM
- SVGA-compatible monitor
- Mouse (recommended)
- On-board BIOS supports booting from CD/USB first

WinPE 2.1 Recovery Environment

- Intel Pentium III CPU or its equivalent, with 1000 MHz processor clock speed
- At least 512 MB of RAM
- SVGA-compatible monitor
- Mouse (recommended)
- On-board BIOS supports booting from CD/USB first

Additional Requirements

- Network card to send/retrieve data to/from a network computer
- Recordable CD/DVD drive to burn data to compact discs
- External USB hard drive to store back-up data.

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<http://www.paragon-software.com/home/brs/comparison.html>

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