

Diskeeper[®] Professional

Overview

Everyone knows the frustration of a Windows[®] laptop or workstation becoming progressively slower the longer it is used and burdened with more software and data. ConduSiv's Diskeeper[®] 15 Professional prevents degradation in Windows performance by eliminating nearly all fragmentation from occurring at the Windows level, *before* files are written in a performance-penalized state. With its patented, proactive IntelliWrite[®] technology, Diskeeper keeps laptops and workstations running like new, resulting in increased productivity and lower costs by extending the useful life of existing hardware. IT professionals who support a fleet of laptops no longer wrestle with persistent performance HelpDesk calls.



Where typical defragmentation utilities consume resources to operate, and deal with the problem *after* the performance penalty has already been incurred, Diskeeper is the only proactive solution that solves the problem in real-time while running transparently in the background. Without Diskeeper, files are scattered around a volume in pieces instead of written in one place. Further, Diskeeper's IntelliWrite technology optimizes writes and subsequent reads by writing data sequentially, reducing seek time and the number of I/Os required to write a file or access it.

Keep Business PCs Running Like New

Most notably, Diskeeper's low overhead and InvisiTasking[®] resource monitoring ensures all optimization occurs without hampering system resources, so users can continue working while Diskeeper runs in the background. Maintenance tasks, like defrag, are usually scheduled during off-hours to avoid impact on performance. However, if systems are shut down, maintenance activities fail to run, creating a bigger headache over time. And if the utility runs during business hours, the PC is rendered useless until defrag operations are complete. InvisiTasking monitors resource consumption on a Windows system (disk, memory, network and CPU usage) and uses only resources that are otherwise idle, so Diskeeper runs invisibly with no intrusion on system resources.

InvisiTasking monitors volumes for files that are impacting performance and deploys the Instant Defrag[™] engine to consolidate the few remaining fragments that were not eliminated by IntelliWrite. As a result, IT no longer needs to schedule disk maintenance: with Diskeeper Professional optimization is proactive and continuous, with no negative impact on system resources.

Since many organizations have moved to solid-state disks (SSDs) for speed, Diskeeper Professional includes HyperFast[®] SSD optimizer technology with TRIM functionality to identify blocks of space marked for deletion, freeing them up for use by an application. In addition, HyperBoot[®] enables super-fast bootups for systems that are immediately responsive and ready for use.

Unlike Diskeeper Home, Diskeeper Professional allows IT administrators to deploy Diskeeper across a fleet of laptops or workstations using the Diskeeper Administrator Console for seamless network deployment. For corporate PCs, Diskeeper Professional is the only highly efficient, proactive, Set It and Forget It[®] software for maximum performance—making it the #1 utility for keeping Windows systems running like new.

A Toolkit of Proactive and Highly Efficient Technologies

Diskeeper Professional contains several performance technologies to keep business PCs and laptops running like new:

IntelliWrite[®] write I/O optimization technology prevents files from being fractured and broken apart into pieces before being written to disk or SSD in a non-sequential manner.

InvisiTasking[®] intelligent monitoring technology allows all “background” operations within the system to run with zero resource impact on current activities.

HyperBoot[®] file access technology strategically moves files into a sequential order that minimizes the number of I/O requests during the boot process.

HyperFast[®] SSD optimizer technology produces faster performance in solid-state drives running on Microsoft operating systems. The HyperFast feature includes TRIM functionality and is enabled only if a solid-state drive is recognized.

Enhanced reporting displays health and performance gains for the system. Reports include: Recent activity report, 7-day history, System Monitoring Report and Disk Health Monitoring Report

Disk Health Monitoring leverages S.M.A.R.T data to notify admins when disk failures may be imminent.”

System Requirements

100MB of available hard drive space, standard operating system hardware requirements. A complete list of edition-specific operating systems supported in the Diskeeper Help File is available at www.ConduSiv.com.

About ConduSiv

ConduSiv Technologies creates high-performance software that optimizes and maintains application operation efficiency and equipment longevity to increase productivity in technology, people and businesses. ConduSiv customers include enterprises, government agencies, ISVs, OEMs and home users worldwide. A market leader in data storage innovation, the company’s solutions help technology function at peak levels.

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Diskeeper Professional Benefits

- Proactively eliminates performance-robbing fragmentation
- Eliminates the need to schedule disk maintenance during off-hours
- Easily deploys to hundreds of PCs via a central management console
- True “Set It and Forget It” functionality
- Extends the life of corporate laptops and workstations
- Dramatically improves boot-up time
- Eliminates application bottlenecks and increases business productivity
- Low overhead with resource monitoring for continuous optimization without hampering resources

Supported Platforms

Windows 7, Windows 8/8.1.

Note: For previous versions of Diskeeper that support older versions of the Windows Operating System, please contact ConduSiv sales: <http://www.conduSiv.com/contact/>

More Information

www.conduSiv.com