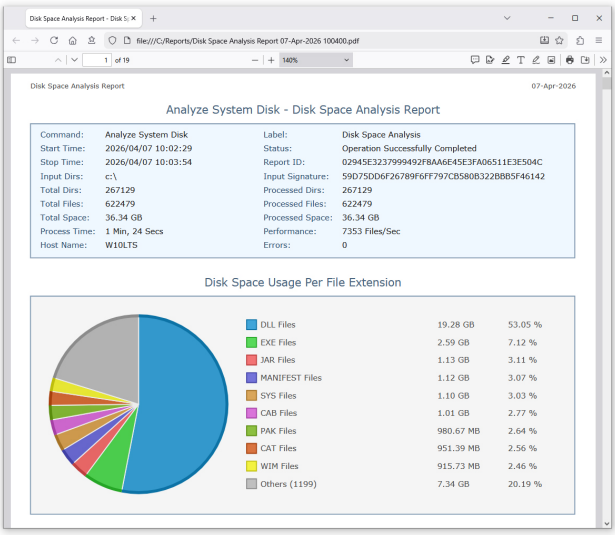
DiskBoss - Data Management Solution

DiskBoss provides a large number of advanced data management and analysis operations including disk space usage analysis, file search, file classification and policy-based file management, duplicate files search and cleanup, high-speed file synchronization, fault-tolerant data migration, bulk file delete and secure data wiping, real-time disk change monitoring and file integrity monitoring operations.

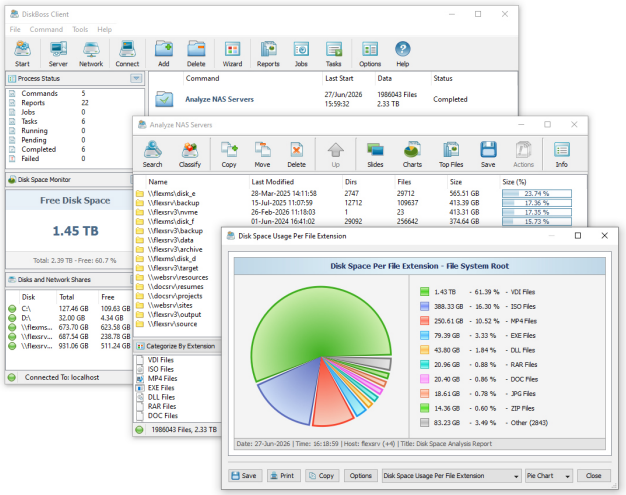
- Disk Space Utilization Analysis
- Duplicate Files Search and Cleanup
- File Search, Classification and Organizing
- Encrypted File Copy and Data Migration
- Secure File Delete and Data Wiping
- Real-Time Disk Change Monitoring
- High-Speed File Synchronization

Disk Space Usage Analysis

DiskBoss provides advanced disk space usage analysis capabilities allowing one to analyze one or more disks, directories or network shares, identify directories and file categories holding significant amounts of the disk space, save HTML, PDF, Excel, JSON, text and CSV reports, generate charts, etc.

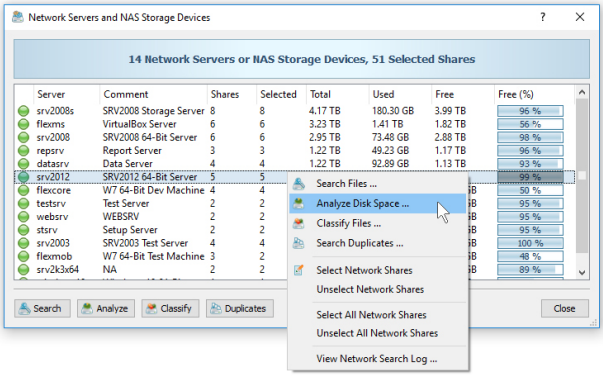


The user is provided with the ability to filter analysis results by the file extension, category, file size, last access time, user name, etc., easily identify disk space usage hotspots, perform file management operations, generate various types of disk space usage charts and export disk space analysis reports. In addition, DiskBoss allows one to define one or more conditional disk space analysis actions, send e-mail notifications or execute custom commands when the number of files, the amount of used disk space or the amount of free space in user-specified disks or directories reaches user-defined limits.

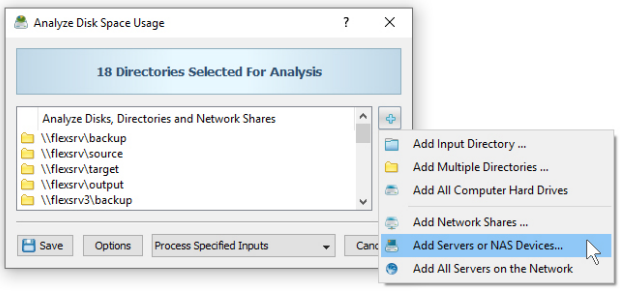


Analyzing Network Servers

DiskBoss provides the ability to scan the network, detect all network servers and NAS storage devices and analyze all accessible network shares.



The user is provided with the ability to select one or more network servers and NAS storage devices and then perform disk space analysis, file classification, file search and duplicate files search operations allowing one to very easily analyze and search files in hundreds of servers and NAS storage devices.



DiskBoss is capable of analyzing a large number of network shares in parallel using all CPUs and CPU cores available in the server and provides advanced performance optimization options allowing one to tune and customize disk analysis operations for user-specific needs and hardware configurations.

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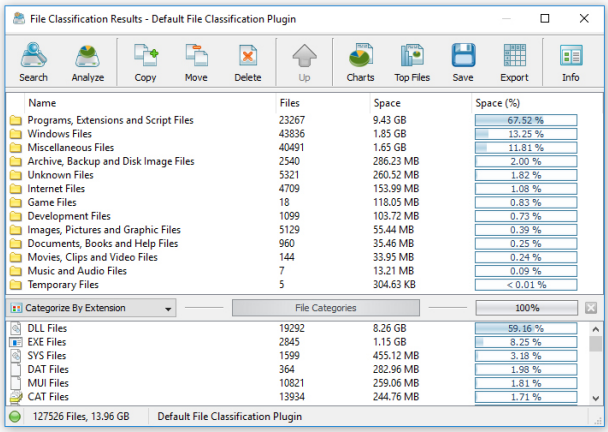
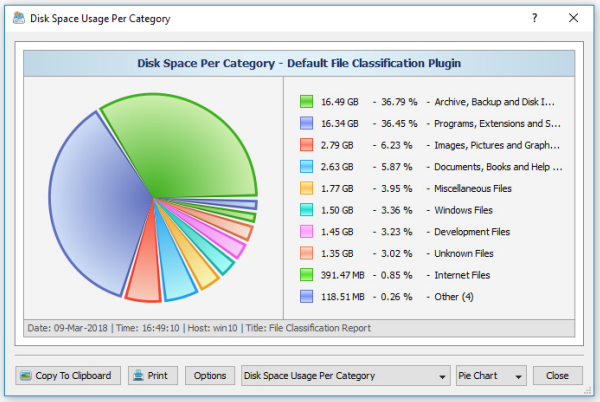
File Classification and Organizing

DiskBoss Server is capable of scanning disks, network shares and enterprise storage systems, classifying all the existing files and organizing them into a categorized file hierarchy.



DiskBoss automatically recognizes more than 3,500 types of files and allows one to browse or export the categorized file hierarchy, perform various file management operations on categories of files and physically reorganize existing files according to user-specified rules and policies.

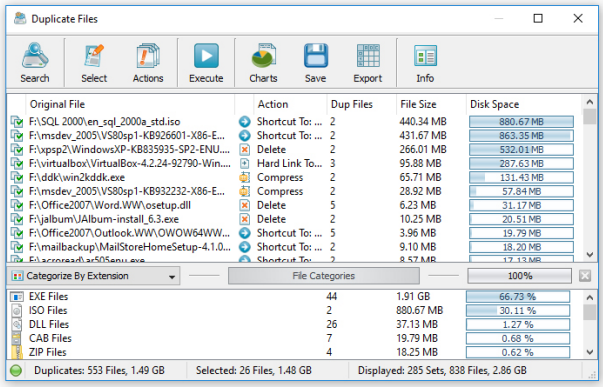


In addition, DiskBoss Server and DiskBoss Enterprise provide the user with the ability to implement custom file classification plugins using an open XML-Based format. The XML-Based format is very simple and it provides support for all file classification features and capabilities available in DiskBoss allowing one to easily implement custom classification plugins especially designed for user-specific needs and requirements.

Finally, DiskBoss Server provides the ability to submit file classification reports from multiple servers and NAS storage devices to a centralized report database allowing one to store a long term history of file classification and disk space analysis reports and gain an in-depth visibility into disk space usage trends across the entire enterprise.

Duplicate Files Finder

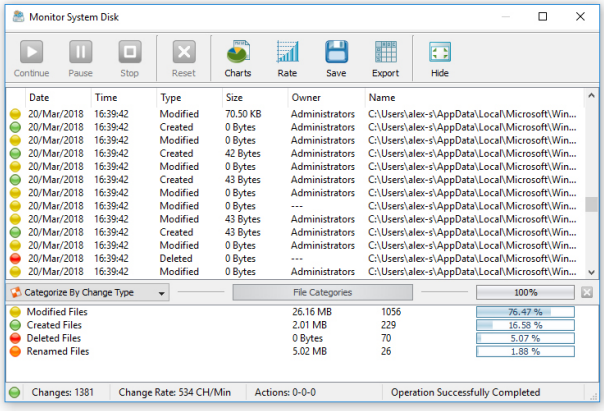
DiskBoss includes a built-in duplicate files finder, which provides a large number of advanced features and capabilities allowing one to search and cleanup duplicate files in servers, NAS storage devices and enterprise storage systems.



IT professionals are provided with advanced duplicate files search and removal capabilities allowing one to search for specific types of duplicate files, define custom, policy-based duplicate files search and cleanup actions, generate various types of reports and remove duplicate files in a fully automatic, unattended mode.

Real-Time Disk Change Monitor

DiskBoss Server and DiskBoss Enterprise include a real-time disk change monitor, which is capable of monitoring multiple disks or directories, detecting file modifications, creations, deletions, renames, attribute changes, etc.



The user is provided with the ability to send E-Mail notifications, save HTML, PDF, Excel, JSON, XML, text and CSV reports, export detected changes to an SQL database, execute commands or batch files or trigger file management operations when the user-specified number of changes is detected in a disk or directory.

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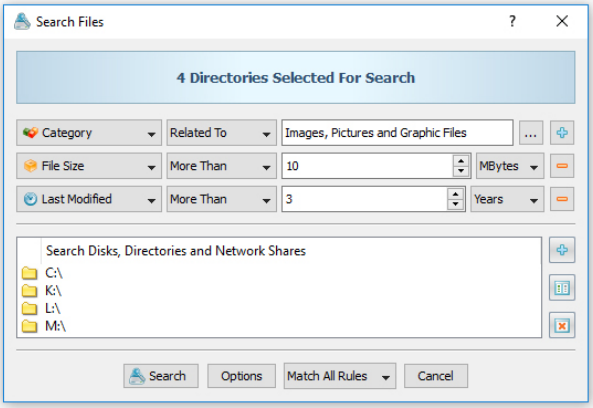
Rule-Based File Search

DiskBoss provides powerful and flexible file search capabilities allowing one to search files using multiple search criteria including the file name, location, file type, file size, last access, modification and creation dates, text or binary patterns, file attributes, user name, JPEG EXIF tags, etc.

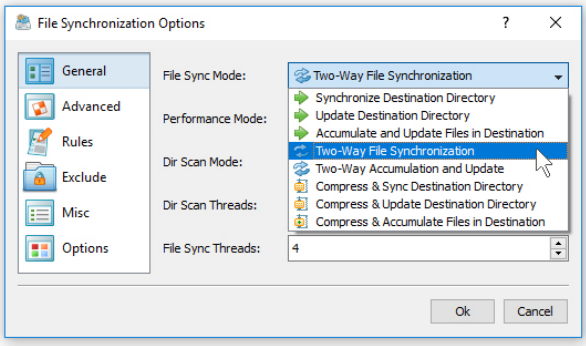


DiskBoss allows one to define composite file search queries using multiple types of search rules combined with the AND/OR logical operators. Frequently used file search operations may be saved as user-defined file search commands and executed in a single mouse click.

In addition, DiskBoss Server and DiskBoss Enterprise provide the user with the ability to send E-Mail notifications, execute custom commands or trigger file management operations when the user-specified search conditions are met.

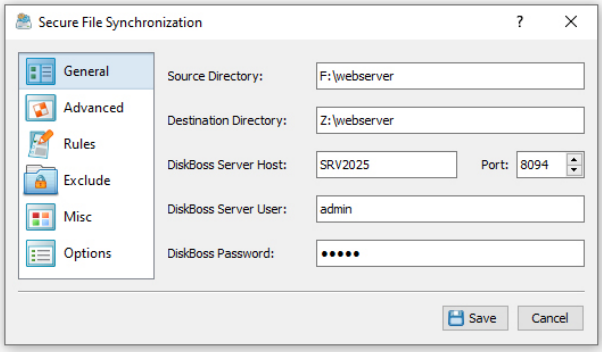
High-Speed File Synchronization

DiskBoss provides advanced file synchronization capabilities allowing one to synchronize files between directories, local disks and network shares. The user is provided with numerous one-way and two-way file synchronization modes, rule-based file matching capabilities and advanced performance tuning options.



Secure File Synchronization

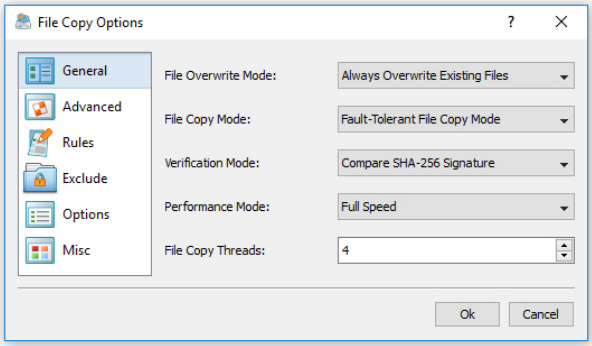
DiskBoss Server and DiskBoss Enterprise provide secure file synchronization operations allowing one to synchronize files between servers without using network shares while encrypting transferred files using the AES-256 encryption algorithm.



The user is provided with multiple one-way and two-way file synchronization modes, flexible performance optimization options, file matching rules allowing one to synchronize specific types of files or file groups, exclude directories and advanced file synchronization options.

Fault-Tolerant Data Migration

DiskBoss provides advanced file copy and data migration capabilities allowing one to copy vast amounts of files fast, efficiently and reliably. The user is provided with recoverable file copy operations, performance tuning options and an option to copy ACLs, security attributes, ownership information and file timestamps.



The DiskBoss file copy engine is especially optimized for modern hardware platforms, capable of effectively utilizing fast SSD disks, powerful RAID controllers, multi-CPU/multi-core servers and Gigabit Ethernet networks and allows one to copy data at various speeds thus minimizing the potential impact on running production systems.

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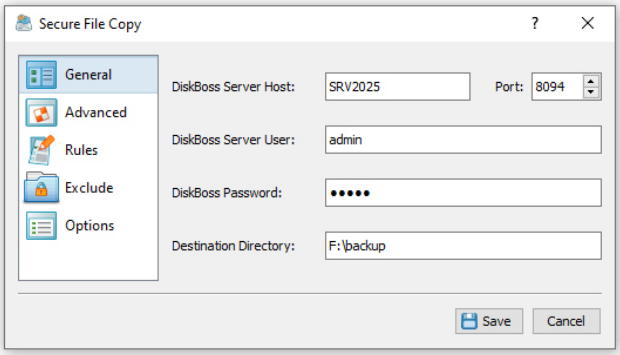
Encrypted File Copy Operations

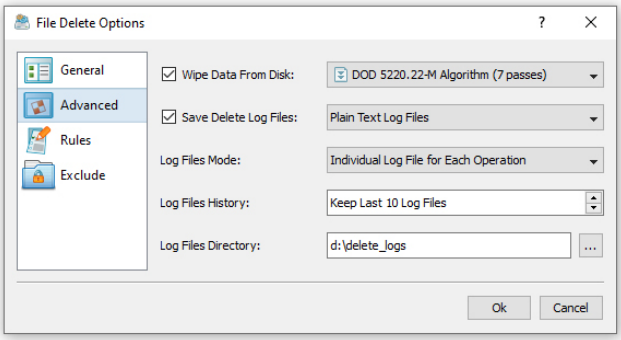
DiskBoss Server provides secure file copy operations allowing one to copy files from one server to another without using network shares while encrypting transferred data blocks using the AES-256 encryption algorithm.



The user is provided with the ability to encrypt and/or compress transferred data blocks, transfer selected types of files or categories of files, exclude specific directories from the file copy operation and tune the performance of the file copy process for user-specific needs and hardware configurations.

Bulk File Delete and Data Wiping

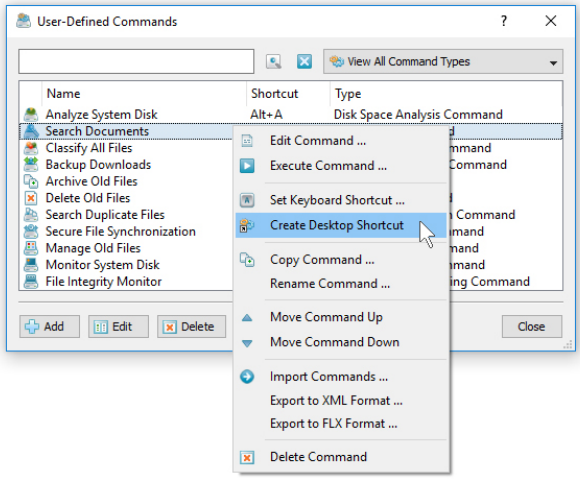
DiskBoss Server and DiskBoss Enterprise provide the user with a large number of bulk file delete and secure file delete capabilities allowing one to delete huge amounts of files very fast and effectively.



Enterprise customers required to physically destroy confidential information are provided with numerous data wiping capabilities ranging from a simple single-pass wipe to a 7-Pass DOD 5220.22-M compliant data wiping algorithm. In addition, the user is provided with the ability to configure policy-based file delete operations and save various types of log files. Finally, DiskBoss Server provides the ability to schedule periodic, rule-based file delete operations per-configured to enforce file retention policies.

User-Defined Commands

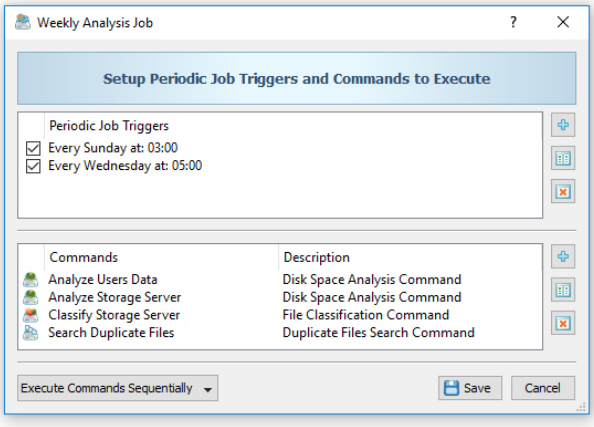
In order to simplify management and execution of frequently used operations, DiskBoss provides the user with the ability to pre-configure and save user-defined analysis and file management commands.



All major operations such as disk space analysis, file classification, file search, file synchronization, file copy, file delete, duplicate files search and disk change monitoring may be added as user-defined commands, pre-configured for user-specific needs and executed in a single mouse click or scheduled to be executed periodically at user-specified time.

Scheduling Periodic Jobs

DiskBoss Server, which runs in the background as a service, allows one to schedule periodic analysis, file synchronization, file integrity monitoring and policy-based file delete operations.



The user is provided with the ability to setup a number of periodic jobs with each job allowing one to configure multiple periodic, daily, weekly and monthly triggers and capable of executing multiple analysis and file management operations according to a user-specified schedule.

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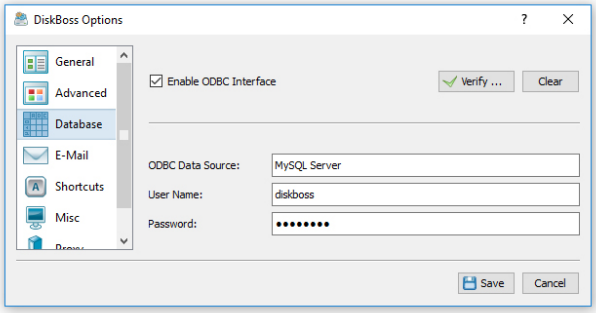
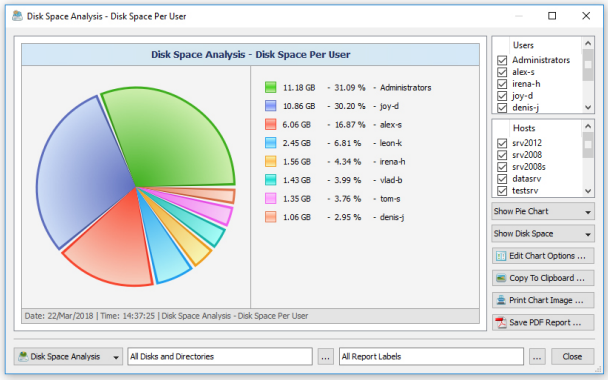
SQL Database Integration

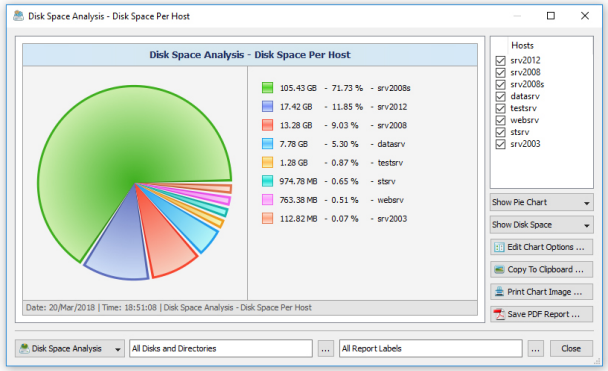
DiskBoss Server and DiskBoss Enterprise allow one to submit disk space analysis, file classification, duplicate files search, disk change monitoring and file integrity monitoring results into a centralized SQL database through the ODBC database interface.



DiskBoss Server allows one to analyze disk usage, file classification and duplicate files reports submitted from one or more servers or desktop computers and display the used disk space, file categories and duplicate files per user.

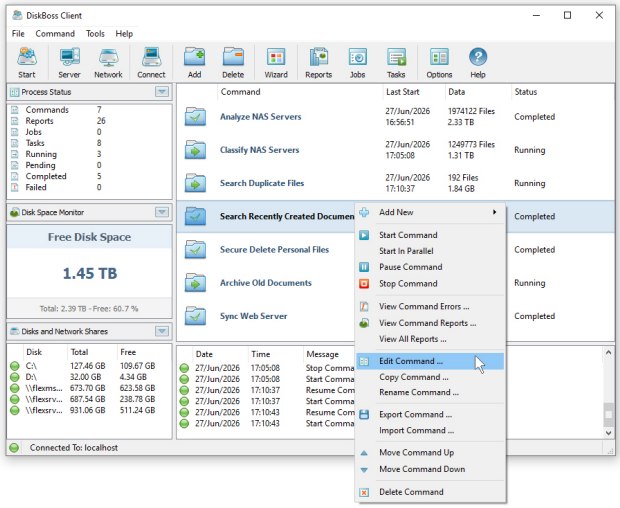


In addition, IT administrators are provided with the ability to analyze reports submitted from multiple hosts and display charts showing disk usage statistics per host allowing one to gain an in-depth visibility into disk space usage trends across the entire enterprise.



DiskBoss Server

DiskBoss Server is a server-based product version, which runs in the background as a service and is capable of performing all disk space analysis and file management operations in a fully automatic, unattended mode.



DiskBoss Server allows one to pre-configure disk space analysis and file management operations, execute periodic operations at specific time intervals and submit results into a centralized SQL database. The server can be managed and configured locally or through the network using the DiskBoss client GUI application, the command line utility or the DiskBoss Server programming API.

Command Line Utility

In addition to the DiskBoss Server GUI application, DiskBoss Server and DiskBoss Enterprise provide a command line utility allowing one to use all the product features and capabilities from batch files and shell scripts.

The DiskBoss command line utility provides IT administrators and enterprise customers with the ability to automate all the available analysis and file management operations and to integrate DiskBoss capabilities into user-custom projects and solutions.

Supported Operating Systems

- Windows 11
- Windows 10
- Windows 8.1
- Windows 8
- Windows 7
- Windows Vista
- Windows XP
- Server 2025
- Server 2022
- Server 2019
- Server 2016
- Server 2012
- Server 2008
- Server 2003

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