O&O software

O&O Defrag 21 – Clean up old PCs and make them fast again

Berlin, September 19, 2017

There are many reasons why PCs start slowing down over the course of their lives. Two of the main reasons are caused by file fragmentation and the saving of useless files. The new O&O Defrag 21 contronts these problems head on and by doing so, manages to speed up PCs significantly and make working with them a whole lot easier.

PCs are now being used for longer periods of time. Using them for three to five years is no longer a rarity, especially since Windows 10 has given many older PCs a new lease of life by virtue of its modern operating system. This does, however, also result in a considerable loss of performance because the constant saving and deletion of files dramatically increases fragmentation, which means accessing files takes a whole lot longer. The same applies to the temporary files created by many programs. These clutter up the system and eventually lead to a real slow down that you can feel while working daily on a PC.

O&O Software GmbH, founded in Berlin in 1997, releases O&O Defrag 21, the latest version of its tuning program to resolve these very problems, especially as they particularly affect older PC systems.

To accomplish this, algorithms for defragmentation were further enhanced to be more protective of system resources and improve the strategy for placing files so that accessing them is even faster.

In addition, the O&O Defrag user now has the new O&O DiskStat at his disposal as a separate program, free of charge, to detect and remove large and useless files. When space is tight, a few clicks is all that's needed for making more room.

In response to the many customer requests, the O&O DiskCleaner feature in O&O Defrag has again been optimized so that it now provides automatic deletion of superfluous files followed by a defragmentation, which results in even greater performance.

Beyond that, there's been further development in the optimization of virtual machines in O&O Defrag 21 for our corporate customers. Along with defragmentation of virtual machines, it's also possible to defragment a file on the host to provide the best possible performance on both host and its virtual machine.

Data security and performance optimization in one sweep

O&O Defrag deletes unused hard disk space when needed and overwrites it securely. This prevents confidential content leftover from unsecurely deleted data and temporary files from falling into the wrong hands. To do this we use the latest technology from our data security product, O&O SafeErase.

With this one-of-a kind combination of both technologies, the PC is able to be optimized as well as protected against the restoration of unwanted files.

O&O Defrag supports both new and older Windows versions

O&O Defrag 21 Professional Edition is natively compatible with Windows 7, Windows 8.x and Windows 10. It has been optimized especially for low processor and memory capacity in older systems. A Server Edition of the new version 21 will be available shortly for Windows Server versions.

New and enhanced features

O&O DiskStat: Limited memory capacity is still the rule on many notebooks. O&O DiskStat's complete analyzing program provides a quick overview of hard disk usage. This makes it easy to search for files and folders that might be taking up too much valuable space on the hard disk and slowing down the computer. The latest version can defragment selected files and folders. Along with an intuitive interface and interactive diagrams for navigation as well as DrillDown, this versatile tool provides further options for detecting space wasters.

O&O Defrag: The STEALTH and SPACE defragmentation methods have been further optimized for the fastest possible defragmentation, while the COMPLETE methods allow for a more complete defragmentation. This of course, requires more time and memory. The optimal utilization of existing storage space also prevents any new fragmentation. All methods can be applied to any drive, including Volume and Stripe Sets, and of course guarantee maximum reliability.

O&O DiskCleaner: Searches for and removes temporary and superfluous files that use up memory and increase fragmentation. O&O DiskCleaner also increases the data protection and security of a system as such files often contain private content (e.g. Thumbnails, document copies, email drafts, Dumps) as copies.

Improved optimization of SSDs: File systems on SSDs fragment heavily. O&O Defrag uses SSD Optimizer, an optimization process tailored specifically for SSDs that removes and prevents extreme fragmentation. It also does without unnecessary write operations and optimizes them with regular TRIMs. The result is that the performance and the lifespan of the drive is prolonged – a process that you can control as the user.

Supporting vertical contrast modes: The current version has improved the high contrast mode to facilitate recognizing objects on the screen.

Variable DPI settings: O&O Defrag adapts optimally to the selected DPI setting.

User interface: The O&O Defrag user interface went through a general overhaul to make the intuitive use even easier.

Shorter defragmentation times: With O&O Defrag, several drives can be defragmented simultaneously. In addition, the algorithms have been substantially accelerated, reducing the time required for a defragmentation by up to 35%.

Automatic defragmentation: Automatic defragmentation is enabled by default after the installation of O&O Defrag and optimizes the disks in the background without slowing down the performance of the computer. Special procedures are initiated here to monitor the disk activity and ensure optimal use of system resources.

Optimizing virtual machines (VMs) und Storage Area Networks: O&O Defrag optimizes the actual memory allocation for virtual machines and SANs. O&O Defrag is especially useful for the host system of VMs to place the virtual storage areas that are created in the file optimally.

Evaluation and analysis: Whenever the program is started, a manual analysis of all drives can be made and the level of fragmentation for each drive is displayed. It is also possible to display the most heavily fragmented files as well as the physical location of fragmented files on the hard disk. A dynamic block view appears during defragmentation and with the help of a before and after view, the user can get a total picture of the system's optimization.

History: O&O Defrag has clear graphics that display which defrag action has led to which optimization success.

Power management for Netbooks and Notebooks: As soon as mobile systems such as Notebooks or Netbooks are no longer connected to external power sources, the defragmentation is interrupted so that the full battery power is available for mobile workers.

Zone filing on drives: A logical separation of data into performance-critical and non-critical files is conducted through an alternative setting which divides drives into so-called zones. Files are sorted based on their use and access frequency and moved into appropriate zones. For example, system and program files that need to be accessed very quickly are separated from other data such as documents and downloads. Fragmentation is prevented intelligently through the separation of files written rarely or frequently. This logical arrangement not only shortens the duration of the system or program start, but also prevents fragmentation of program files from ever occurring.

Automatic update: O&O Defrag automatically checks if newer program versions are available and so can guarantee that defragmentation is always done using the latest technology.

Pricing and Availability

To celebrate O&O's 20 years, O&O Defrag 21 will cost only USD 19.97 (instead of USD 29.95) until December 31, 2017. O&O offers a license that can be used on up to 5 Computers for USD 49.90. A Server Edition of O&O Defrag 21, optimized for use in companies, will be available shortly. All prices include 19% VAT where applicable.

Interested users can download a free 30-day trial of O&O Defrag 21 Professional Edition from the O&O Website: https://www.oo-software.com/oodefrag/.

About O&O Software

O&O develops solutions for corporate customers that not only support them in their daily activities, but also help substantially reduce their costs. Our products for system optimization, data imaging, data recovery, secure data deletion and company-wide administration are pioneers in the Windows technology sector. Together with our worldwide network of partners, we support corporations, companies, public authorities and private customers in over 140 countries, all from our headquarters in Berlin, Germany.

Press Contact

Andrea Strehsow
O&O Software GmbH, Am Borsigturm 48, D-13507 Berlin
Tel.: +49 (0)30 991 9162-00, Fax: +49 (0)30 991 9162-99
E-mail: andrea.strehsow@oo-software.com

Members of the media can find additional information and graphic material online in the
O&O PressCenter at https://www.oo-software.com/en/press