

O&O DiskImage 16: GDPR-compliant data backup for businesses and IT Service Providers

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Data backup is vital for every enterprise. When data is lost, it's not just customers and business data that disappears, commercial relationships can suffer long term damage as well, and this means serious trouble for the business itself. There is enormous pressure on current IT staff to make sure business operations are kept running constantly.

O&O DiskImage can backup entire systems as well as individual drives and files while a computer is in operation. The backup can be made in the local network on a server or any other storage device such as a NAS or an external USB. In the process, data can be encrypted in accordance with GDPR requirements. The use of O&O DiskImage will never involve sharing information with servers belonging to any unauthorized third parties.

O&O DiskImage 16 with its own recovery partition

The new O&O DiskImage 16 now saves the recovery environment on the computer itself, so that in the event of system failure the system can be started directly from there. - including, of course, the last system image.

Thanks to the integration into the system, the O&O DiskImage RecoveryPartition can be accessed immediately so that the last system image can be restored directly. If the Windows operating system does not start or faulty drivers must be uninstalled, with the integrated recovery environment, all O&O tools are available to get the system up and running again as easily as possible.

O&O DiskImage also features O&O DiskImage ToGo which offers users the option of creating a port-able, external recovery disk. O&O DiskImage ToGo can be used whenever the PC is no longer able to be started from an internal boot medium. If a new computer has been purchased, a previously created image can be restored using the O&O DiskImage boot medium, provided that the image is on the external rescue medium or can be accessed via the network.

With the O&O DiskImage RecoveryPartition and O&O DiskImage ToGo, the new O&O DiskImage 16 offers users a comprehensive tool for keeping their data safe.

O&O DiskImage supports all current Windows versions

O&O DiskImage 16 Server is fully-integrated in the latest Microsoft Windows Server 2019 operating system, but continues to support older versions starting from Windows 2012. The Server Edition can also be used on all Windows desktops from Windows 8.1 to Windows 10.

O&O DiskImage was optimized especially for low capacity processors and memory on older systems so that backups can be made smoothly on older hardware without any extensions or adjustments.

New and enhanced features

Data and System Images

Data backup on boot mediums: With the O&O DiskImage To Go function, an external hard drive (or USB stick with sufficient storage space) can become an O&O DiskImage rescue medium and at the same time preferred storage medium for future system backups. As soon as this external USB hard drive is then later connected to the computer, O&O DiskImage automatically creates a backup. This makes creating a current backup child's play.

Creation of a Windows boot system: With the current O&O DiskImage it is possible to create a boot medium on USB Stick or CD-R directly from within the program. This medium can then be used to restore an image onto a computer. All current Windows versions are supported, starting from Windows 2012 until the latest Windows Server 2019.

Backup without down time: O&O DiskImage Server Edition is equipped with a powerful snapshot mechanism that allows it to capture data at exactly the moment when a backup was started. Any subsequent changes made to the database by users or programs will have no effect on the backup while it's being created. This applies to whatever file system or program environment is being used. This is the only way to guarantee the creation of consistent system backups that must be available whenever needed.

Creation of system images:

When imaging a drive, the entire content of a selected disk or partition will be saved in an image file on a target disk. All the backed-up data is thereby located in one single file which makes managing backups much easier. A complete imaging of a system hard disk will involve backing up the entire operating system as well as all programs and settings. The image file can be encrypted with a password whenever necessary.

Making file backups: File backups will involve saving files directly in the form of data. This kind of backup contains file information only and includes no drive information such as file tables or layout of the hard disk.

Machine cloning: Cloning creates a 1: 1 clone of the disk directly on the target disk. With this function, a copy including the hard disk structure is immediately available. A cloned volume contains all partitions of the source volume.

Encrypting backups: Using a recognized AES process, it's possible to encrypt data in O&O DiskImage. O&O DiskImage supports especially high security levels with a key length of up to 256-bits. Even after creation, subsequent encryption of the image is also possible.

Backup physical machines onto virtual ones (P2V): O&O DiskImage can convert images of Microsoft virtual hard disks (VHD) into O&O DiskImage image files and vice versa. These converted images can then be mounted directly as virtual drives in a virtual computer where O&O DiskImage is not installed.

Data backup on a bootable medium: With the new DiskImage To Go feature, an external hard disk (or a USB stick with enough free space) can become an O&O DiskImage recovery boot disk and simultaneously the preferred storage device for all future system backups. O&O DiskImage will automatically create a backup whenever this device is connected to the computer. This makes creating any new backups as easy as pie.

One-Click imaging: With just one click, a user can start to image the entire computer. One-Click imaging is especially useful if O&O DiskImage is being used for the first time or when an existing computer image is not available.

Various imaging methods: For a complete image, users can choose between an image of used sectors and an all-inclusive forensic image for purposes of data recovery. An incremental or differential image will only backup those data areas that have changed since the last image operation, thus saving space.

Plug and Play functionality: Selected files and folders are automatically backed up and synchronized. With O&O DiskImage, it is possible to run several tasks at the same time.

Data Restoration

O&O DiskImage RecoveryPartition: The new O&O DiskImage 16 now saves the recovery environment on the computer itself, so that in the event of system failure the system can be started directly from there - including the last system image.

One-click restoration: Restoration of the entire computer can be started with just one click. Connect the O&O DiskImage boot disk and restore the backup saved on it with the push of a button. No more hassle of searching for the boot medium and the external hard drive with the backup.

System restoration using a bootable medium: O&O DiskImage can be run from a bootable medium to quickly restore a system without installation. In order to do this, a boot medium (USB stick or CD/DVD) can be created that contains all standard drivers. Additional drivers can be loaded after starting. The integrated system rescue tools will even make it possible to restore the original system and identify errors.

Image restoration: O&O DiskImage can be run from a bootable medium, without installation, and used to restore an entire PC or system partition. There'll be no problem if any hardware components are exchanged, or even a new computer acquired, in the time between creation and restoration of any image: thanks to MIR, O&O DiskImage can restore existing images on computers with a different hardware configuration.

Restoration of file backups: O&O DiskImage image files can be mounted as virtual disks. Individual files can then be accessed, for example using the Windows Explorer, and then subsequently restored.

Mounting backups as virtual drives: Drives can be mounted from images and displayed as write-protected virtual drives in Windows Explorer. This gives users the option of copying individual files and folders onto existing physical disks.

Support of previous versions: Data backups made with earlier O&O DiskImage versions will, of course, continue to be used because the new version 15 is compatible with all previous versions.

Restoration onto different hardware: The integrated M.I.R. (machine independent restoration) feature allows users to restore a system onto different hardware. Not only can an image or clone be restored onto servers and desktops with identical hardware, they can also be restored onto machines where, for example, the motherboard or processor has been changed. After the image has been restored, the new hardware can be adapted and the system can once again be started. Technology from the renowned O&O BlueCon Administrator Pack is used for doing this.

Mounting data from ISO files: Standard ISO files (ISO 9660) can be mounted as data image files and as virtual hard disks.

General

Control via Command Lines: O&O DiskImage Command Line Interpreter makes it even easier to

run batch jobs for automating product features.

FTP access: Enables direct backup as well as restoration via an FTP server (internal/external). There's no longer any need for integrating an external FTP server in a local network. The user can restore a crashed computer by accessing an FTP server, even when the local network has suffered a complete collapse.

EFI/UEFI Systems: O&O DiskImage not only supports systems based on the classic BIOS, but the current EFI/UEFI systems as well.

Script interface: Control of all O&O DiskImage features with extensive script interfaces for integrating batches as well as a user's own applications.

Optimized memory usage: It's possible to set the maximum number of images that can be saved before older images should be automatically overwritten.

Email notification of activity: Administrators can request to be informed about the results of an activity such as the running of a job. Error messages are also sent immediately so administrators can quickly identify and resolve problems.

Automatic updates: O&O DiskImage automatically checks if new program versions are available and so guarantees that data backup is performed using the latest advances in technology.

Visualization of data: The graphical display of hard disks and drives – similar to the disk management in Microsoft Windows - allows for an intuitive selection of those volumes that are being backed up or restored. Both free and used memory and the size of each partition are displayed, which makes managing the data easier.

User interface: With the completely revamped O&O DiskImage user interface, all the product's features are just a click away. Actions can be started manually, run as jobs on schedules, or carried out automatically.

Variable DPI settings: O&O DiskImage adjusts perfectly to the selected DPI setting.

High Contrast Mode support: High Contrast Mode support has been improved to make objects on the monitor easier to recognize.

Pricing and availability

O&O DiskImage 16 Server, including all its features (e.g. for use on Windows Server and desktop versions, machine independent restore, etc.), costs 299 USD.

The price for the O&O DiskImage 16 Workstation Edition (same functionality except for being limited for use on Windows desktop/laptop systems only) 59 USD. All prices include 19% VAT where applicable.

Information about volume licenses can be requested here <https://www.oo-software.com/en/oodiskimage-corporate/pricing>.

Interested users can find a free, 30-day trial version of O&O DiskImage 16 Server Edition on the O&O website under <https://www.oo-software.com/en/oodiskimage-corporate/get-trial-version>.

A list of all O&O resellers can be found under <https://www.oo-software.com/en/order/reseller/>.

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.

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