O&O software
O&O DiskImage 21
Server Edition

Professional Data Protection for Businesses

Data security is mission-critical. A data loss doesn't just disrupt operations — it can damage customer trust and harm your company's reputation. O&O DiskImage Server protects your systems and data reliably – during live operation, without downtime.

Flexible Backup Methods – Tailored to Your IT
Choose between full, differential, or incremental backups – based on your needs. You can back up only changed data blocks or create full forensic images for maximum recovery reliability. Even partially damaged backup sets allow partial data restoration.

Backups as VHD/VHDX – Virtualization Made Easy
Create backups in Microsoft Virtual Hard Disk format (VHD/VHDX) in just a few clicks. These images can be run in Hyper-V or similar environments — ideal for quick disaster recovery in the cloud or on replacement hardware. Incremental virtual backups are also supported.

System Images and File Backups – All in One Tool
O&O DiskImage lets you combine full system imaging with flexible file-level backups. This way, you can restore individual files and folders as easily as entire systems – depending on your requirements

System Recovery Directly from the Machine – with RecoveryPartition
The integrated RecoveryPartition allows you to boot the recovery environment directly from the system drive — no external media required. Perfect in the event of boot errors, driver issues, or system crashes.

O&O DiskImage ToGo – Backup and Boot Medium in One
DiskImage ToGo turns a single USB drive into both a backup repository and a bootable recovery medium. Ideal for IT emergency kits and fast disaster recovery on the go.
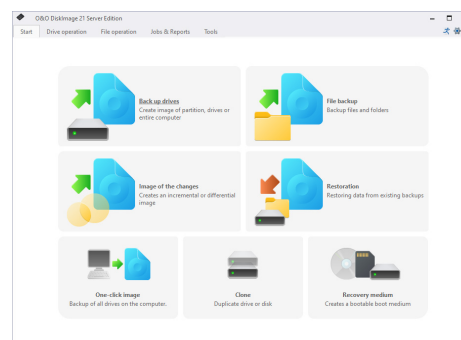
Protection from Cyberattacks and Sabotage
In the event of ransomware or deliberate data destruction, fast system restoration is crucial. With O&O DiskImage, compromised systems can be restored to a working state within minutes — locally or as virtual machines.

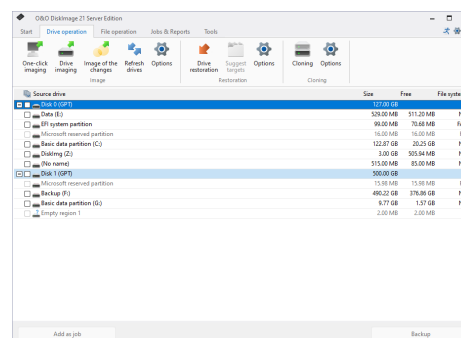### Machine Independent Restoration (M.I.R.)
With M.I.R., you can restore systems to different hardware — even if the motherboard or CPU has changed. Server replacements and migrations are smooth and require no reinstallation.
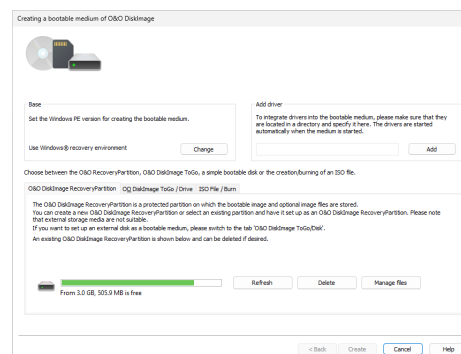
Mount ISO Files as Virtual Drives
Mount ISO files directly as virtual drives — ideal for installations, software rollouts, or recovery purposes. No burning required.
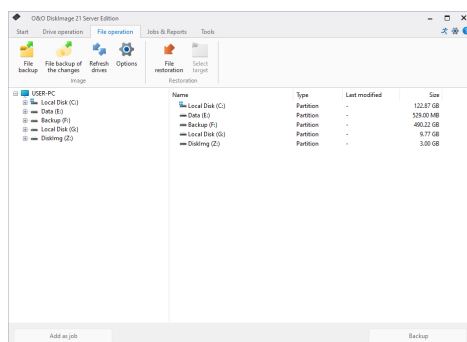

Startpage: O&O DiskImage
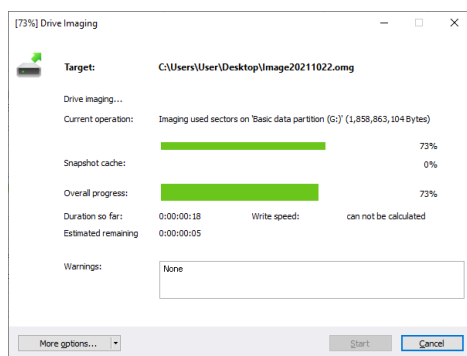

Select drive for imaging

O&O DiskImage RecoveryPartition
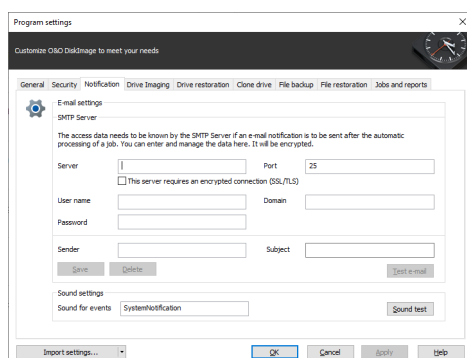
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File Backup

Imaging process (empty snapshot cache)

Notification - E-mail settings

Split Large Backups Automatically
Large backups can be split into smaller files — useful for storage on DVDs, FAT32 drives, or limited disk space environments. Automatic splitting is supported when size limits are reached.

Optimized for Server Environments
Designed specifically for Windows server systems and virtual infrastructures, the Server Edition supports 64-bit systems, dynamic disks, and RAID configurations — without requiring additional drivers.

Live Backup Without Data Loss
Thanks to smart locking mechanisms, O&O DiskImage captures a system's exact state at backup start — regardless of user activity or application changes. This ensures consistent, restorable backups even under high server loads.

Command Line & Scheduling Support
Built-in scripting and scheduling capabilities enable seamless integration into enterprise IT workflows. Complex backup strategies can be fully automated and monitored.

Email Notifications & Detailed Reporting
Receive automatic email alerts after successful backups or errors. All activities are logged in comprehensive reports for full transparency and audit readiness.

Integrated Backup Scanner
O&O DiskImage detects previously backed-up data to avoid redundant copies — saving time and storage space, especially in large-scale server environments.

BitLocker Drive Support
BitLocker-encrypted volumes can be backed up and — if properly authorized — restored without issue. Data remains secure while backup remains flexible.

Password Protection for Backup Files
Secure your backup archives with a password to prevent unauthorized access – a must in managed environments or when storing on external media.

Centralized Dashboard for Monitoring & Analysis
The built-in dashboard provides real-time visibility into backup status, job history, storage usage, and any errors — all at a glance.

Volume Shadow Copy (VSS) Support
O&O DiskImage leverages Microsoft VSS technology to ensure consistent backups – even of open or locked files such as databases or log files. Ideal for systems that must remain online.

Mount Backups as Virtual Drives
Open backup files as virtual drives to browse or extract individual files without restoring the entire system.

Network and NAS Support
Backups can be saved to network shares, NAS systems, or dedicated backup servers — with full SMB compatibility and automatic reconnection after network interruptions.

Portable Backup Tool for External IT Providers
O&O DiskImage can run from USB drives without installation – perfect for administrators and IT service providers performing on-site maintenance or recovery.

Why O&O DiskImage Is the Right Choice for Your Business
In today's digital world, system failures and data loss can bring entire operations to a halt. A robust and easy-to-manage backup solution is essential. O&O DiskImage Server is designed specifically to meet the demands of modern corporate IT: powerful, flexible, and secure.
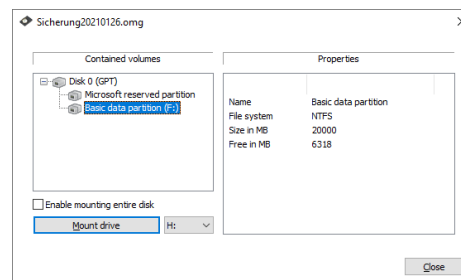
Whether you're protecting individual servers, entire data centers, or mobile workstations, O&O DiskImage offers the scalability and automation needed to keep control of even the most complex IT environments. From restoring a single file to full system migration – everything is possible with just a few clicks, even during live operation.

With features like machine-independent restoration (M.I.R.), ISO mounting, differential backups, and seamless integration into existing backup structures, you have a professional-grade solution that leaves nothing to be desired. It's also user-friendly – ideal for small IT teams or experienced enterprise administrators alike.
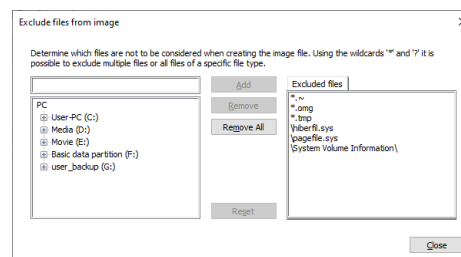
Our development team in Berlin continually improves O&O DiskImage with a focus on quality, performance, and your needs as a business customer. Benefit from short communication paths, direct support, and engineering Made in Germany.

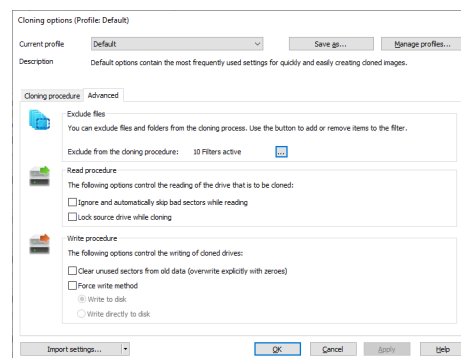### Made in Germany. Made in Berlin.
All O&O products are developed and serviced in Berlin. We at O&O are proud of our German heritage, and proud to represent the quality, security and satisfaction long associated with products "Made in Germany". We take the concerns of our customers very seriously because we know just how important their data is for them. For further information, please visit our website: www.oo-software.com
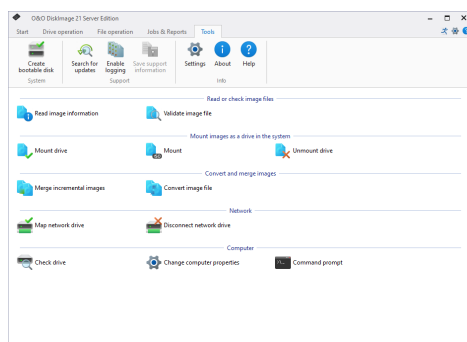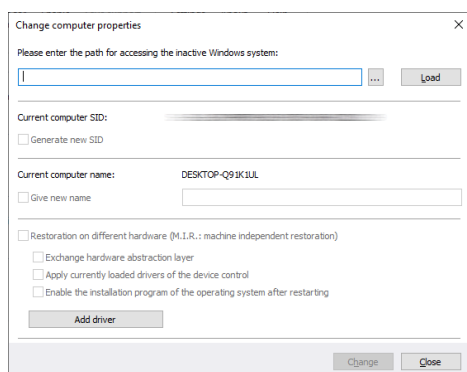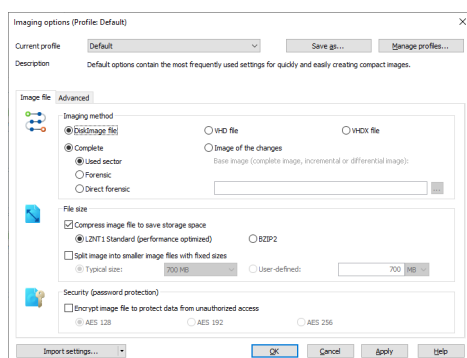

Mount drive

Exclude files from imaging

Cloning options

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Tools

Change computer properties

Imaging options

Highleights
- Comprehensive VHD / VHDX functionality
- O&O DiskImage now supports Windows 11
- O&O DiskImage RecoveryPartition
- O&O DiskImage ToGo - turns an external hard drive into an rescue medium
- Backup servers/PCs with the push of a button or automatically
- Helps with the virtualization of your IT
- Migration to new systems
- Strong encryption
- Backup without downtime
- Automation, scripting, and reporting

Imaging Features
- Image an entire computer with the push of a button
- Image system and data drives
- Clone drives and entire disks
- File backup: image and restore individual files and/or folders
- Image only used sectors
- Incremental/differential images: backup only the changes
- Forensic and Direct Forensic images
- Save images to network drives
- Time Schedule for automatic, regular images
- Advanced burning on CD/DVD/Blu-ray
- SSD Support

Restoration Features
- Support for VHDX (Virtual Hard Disk Format)
- Supports EFI/UEFI systems as well as BIOS
- Easily restore files, folders, drives and disks
- Restoring onto different hardware (M.I.R.)
- Boot media is based on Windows 7
- Direct restoration from virtual disks (VHD)

Tools
- Command line function
- High-performance compression (LZNT1 and BZIP2)
- Encryption of images (AES)
- Create a boot CD from the program itself
- Even simpler and quicker user interface
- High-performance compression and encryption of images
- Support for dynamic and GPT volumes
- Exclude certain files and/or file types
- Mount ISO file as a drive
- Check drives and images for errors
- Works with Microsoft Virtual PC Disks (VHD)
- Supported File Systems: NTFS/FAT32/FAT
- Advanced report management and e-mail notifications
- Live Update: Automatic Updates to current Program Versions

- **Supports Windows® 11/10/8.1 to Windows® Server 2025**