

 O&O DiskRecovery 6

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# About O&O DiskRecovery 6

Thank you for choosing O&O DiskRecovery!

It's happened to the best of us: with the blink of an eye important files can be deleted and presumed lost forever. Whether the result of a computer virus, a software error, or user error, this can be devastating. Important documents and business data aside, in the age of digital photography the loss of a captured moment can be irreplaceable.

When such a disaster strikes, what can be done? Many users cut their losses and accept that their files are lost. However, this is not necessarily the way it has to be. O&O DiskRecovery is software designed for the recovery of deleted data. Even if Windows, besides the Recycle Bin, does not offer any possibilities of restoration, you now have the possibility to restore your data quick, easy and secure with O&O DiskRecovery. Accompanied by an on-screen assistant, you are guided through the data recovery process, step-by-step. When all is finished you will be able to use the once-deleted data just as before.

We hope this product is a joy for you to use and saves you valuable time at home and the workplace.

Your O&O Software GmbH

[www.oo-software.com](http://www.oo-software.com)

**Important!** If you have deleted data, close all applications immediately and start O&O DiskRecovery as fast as possible, to restore the wanted file. If work on the computer continues as normal, important data can be overwritten making the recovery of desired data more difficult, if not impossible. - For this reason, you should have installed O&O DiskRecovery already to be prepared in case of an emergency. This is the only way to ensure the best success possible for the recovery of lost data.

**Important:** If you have already lost files involuntarily, even before having installed O&O DiskRecovery, follow the instructions in chapter [Run Instant-Installation](#).

## More:

[Important Information About Data Recovery](#)

[What you should do when data accidentally gets deleted](#)

[Quick Start](#)

[Getting started](#)

[Starting O&O DiskRecovery Without Prior Installation](#)

## Overview of important functions

Besides the continuous maintenance and enhancement of the existing program components, you will find several additional new and helpful features in Version 6. Two additionally integrated search algorithms, known from our highly acclaimed test winner O&O UnErase and O&O FormatRecovery, enable you to

search for lost data in more detail with O&O DiskRecovery. The list of supported files was also enhanced so that more than 350 file types and about 300 file enhancements can be processed. The advanced data rescue assistant guides you intuitively through the search and restoration process. If you have lost data before installing O&O DiskRecovery, then the simple Instant-Installation will help you with the data rescue.

- **NEW:** Two additionally integrated search processes:
  - Fast search for files even on large hard disks (O&O UnErase)
  - Searches for formatted or structurally damaged partitions (O&O FormatRecovery)
- **NEW:** Enhanced file type recognition; more than 350 file types and about 300 different file extensions from all current media application can be processed.
- **Simplified:** the program can now be started from removable drives (instant installation)
- **Enhanced:** Advanced Wizard to search and restore
- Deep search for files on destroyed partitions and disks
- Preview for some file types before the data restoration
- Disks will also be rescued, where file types have been damaged or destroyed by software
- Searches and restores especially small files (O&O-DeepScan-function)
- No unnecessary restoration of existing files. Thanks to the O&O-SmartScan function existing files are filtered and thus accelerates the search and restore process.
- The activation of the O&O-RawScan function can ignore the file system and thus also rescue formatted disks.
- Supports all hard disks, changeable drives (e.g. ZIP) a memory cards as well as USB sticks, CompactFlash and most of the digital cameras
- Supported by 64-Bit

Technical limitations: the Personal Edition restores up to 1000 files per run, the Admin und Tech Edition are not limited in numbers for files.

## Getting the right Version to meet your needs?

O&O DiskRecovery is available in three different versions: Personal, Admin, and Tech Editions. All three differ with respect to their functionality as well as to the nature of their software licenses.

- The Personal Edition (PE) can restore up to 1000 files per run. The PE License is computer-bound, meaning that the software may only be used on a single computer. The PE is ideal for home users.
- The Admin Edition (AE), unlike the PE, can restore an unlimited number of files in a single data recovery and may be used on all computers in a specified company. The Administrator License is issued in the name of a person: in other words, it is issued per administrator. It is not permitted for this program to be installed on non-company computers or be used as part of a service provided to others. The AE is ideal for all companies looking to recover deleted data from company-internal computers.
- The Tech Edition (TE) expands the AE to include the use of O&O DiskRecovery on non-company computers. This license grants this software's use as part of services provided in the field of data recovery. This software is licensed per technician, enabling licensed technicians to run it on any number of computers. The TE is ideal for all companies offering data recovery services to their customers.

Upgrades to another version can be made through the system menu. In the program window, click on the product icon top left, and then on Upgrade from Personal Edition.

If you require additional information regarding the licensing of this product, please contact us. We would be glad to help.

## Important Information About Data Recovery

If you would like to restore mistakenly deleted files, you should try to avoid, as much as possible, writing to the affected disk drive. For this reason, you should have installed O&O DiskRecovery on your computer before there will be any loss of data. An installation may risk to overwrite data already lost, and thus render them impossible to restore.

O&O DiskRecovery is able to restore data, folders and structure information, which has been deleted or overwritten. This can happen when a partition is formatted or new files are created. With the help of specific techniques O&O DiskRecovery is able to find files and then restores them.

Unfortunately, not all files can be recovered without error. For example, the highly fragmented files can be very difficult, if not impossible, to recover. In such a case, the regular use of a defragmentation tool such as [O&O Defrag](#) can not only help you avoid this problem, but also can strongly contribute to the improved performance of your system.

Please note, however, that it may not be possible to restore all deleted data. If the areas, where the deleted data was located, has been overwritten by new data, then it will not be possible to run a successful restoration with O&O DiskRecovery. If some areas have been partly overwritten, some files may be incomplete possibly leading to errors.

Should you have further questions, you can always contact our technical support team. Please note that we can only provide this support for registered users of the software according to their individual license agreements. However, in conjunction with our subsidiary [O&O Services GmbH](#), our support staff would be more than happy to offer you fee-based assistance in rescuing your lost data.

**Note:** Please do not delete any data for fun or for test purposes without first making a backup copy using e.g. [O&O DiskImage](#). We strongly recommend that you regularly make back up copies of your important data and store them in a safe place.

### More:

[What should I do when data accidentally gets deleted?](#)

## What you should do when data accidentally gets deleted

If possible, do not save anymore data onto the system after the data in question have been deleted. Close all applications without saving any data to the disk or other data storage media (if possible). Even searching or downloading data rescue programs from the Internet can overwrite areas of your hard disk, restoring your lost data is thus complicated or even becomes impossible.

If in doubt, shut down the computer!

Think calmly about how the data were deleted. Try not to panic and quickly restore the data in question! Reckless behavior can lead to even more data loss.

Make sure that the files are not located in the **Windows Recycle bin**

If data has really been deleted, you should use O&O DiskRecovery to run a data rescue.

If you have O&O DiskRecovery installed, start the program and proceed as directed in chapter [Getting started](#).

**Note:** If you **haven't** installed O&O DiskRecovery yet, proceed with the [Instant-Installation](#). To execute the Instant-Installation correctly, you will need a second computer and a portable disk or a network connection from which you can access the target computer.

**Note:** If you only have one partition (e.g. only "C:"), you will need an external disks to save the data to be restored, e.g. USB-Stick.

## Preparing for an emergency

1. Install O&O DiskRecovery on the computer, where you want to restore the data in the case of an emergency.
2. Register O&O DiskRecovery with the purchased license code. Without a valid license code it will not be possible to restore data with the O&O DiskRecovery.
3. All necessary preparations are now complete. If you have to restore data due to an emergency, follow the instructions in the section [Getting started](#) or [Quick Start](#)

## System Requirements

**Note:** The information contained in this chapter will not be relevant to you if you are using O&O DiskRecovery as part of the O&O RescueBox or O&O BlueCon. This version can be run directly from the CD on computers lacking operating systems. More information may be found in the O&O RescueBox/O&O BlueCon User's Guide of at <http://www.oo-software.com>

### Operating System

- System Requirements of each operating system needs to be fulfilled
- 50 MB free hard disk space
- Windows® 7, Vista, XP, 2000, Server 2003, 2008, 2008 R2 (all Editions, from Windows XP/Server 2003 each 32-bit/64-bit support)

In order to install and run O&O DiskRecovery, it is necessary for you to be a member of the local administrator group or own an equivalent level of privileges. If you are a domain administrator, you normally already possess such permissions.

# Installation

**Important:** If you have already lost files involuntarily, before having installed O&O DiskRecovery, then follow the instructions on chapter [Run Instant-Installation](#). To execute the Instant-Installation correctly, you will need a second computer and a portable disk or a network connection from which you can access the target computer.

The installation of O&O DiskRecovery is very easy. Please follow the steps below:

1. Start the computer on which you want to install O&O DiskRecovery.
2. Sign in as an administrator or equivalent.
3. Start the O&O DiskRecovery installation file that you either downloaded from our server or received on one of our software CDs.
4. After the setup program has been successfully initialized, please follow the installation dialogue.
5. During the installation you can select, if you want run an [Instant-Installation](#) or a normal Installation.
6. Also, you can also determine if access for O&O DiskRecovery should be granted only to the current user or to all.

**Note:** The information contained in this chapter will not be relevant to you if you are using O&O DiskRecovery as part of the O&O RescueBox or O&O BlueCon. This version can be run directly from the CD on computers lacking operating systems. More information may be found in the O&O RescueBox/O&O BlueCon User's Guide of at <http://www.oo-software.com>

## More:

[Note about Licensing](#)

[Enter license](#)

[Uninstall](#)

## Note about Licensing

O&O DiskRecovery PE is licensed per computer. This means that for every computer on which you run O&O DiskRecovery, it is necessary that you purchase a license. You are not allowed to transfer this license on another computer.

If you would like to implement O&O DiskRecovery in your company or as a technician for your customers, then please contact one of our resellers or our Sales Department.

## Test version

If you do not enter a valid license key, you can use O&O DiskRecovery as test version. The test version allows you to search for lost files, yet it cannot restore them. Restoration is only available in the full version. Should you have any questions, please contact our Support Team.

## Enter license

In order to activate the product after installation or to gain access to the Full Version at a later time, you must possess a valid license key. This license key is also called a registration code, serial number, or product ID.

The dialogue for registration always appears automatically at the start to guide you if you are using an unregistered version or have entered the registration code incorrectly.

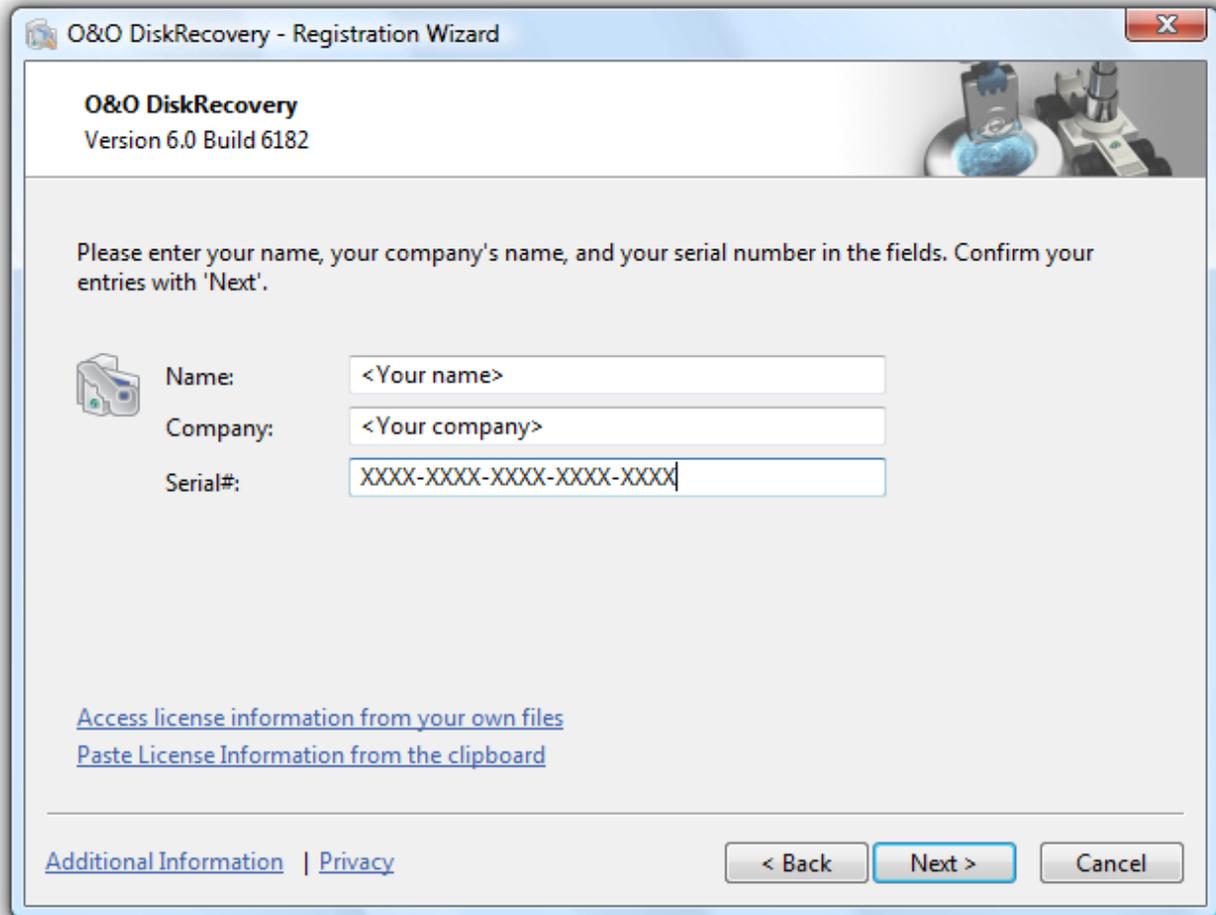
The registration wizard allows for a simple registration process. When you select the option Enter your Registration Code, a dialog box will appear where you can enter the registration code you received when purchasing the software. Please make sure that you do not confuse the digit "1" with "l" or enter any empty spaces where they don't belong when entering the license key.

Press **Next** to save the registration data or **Cancel** to leave the dialog window without saving the data.

When you have correctly entered the license code you will receive confirmation in the dialog window.

Should you run into any problems when entering your registration code, please contact our Support Team.

**Note:** If you do not enter a valid license key, you can use O&O DiskRecovery as test version. The test version allows you to search for lost files, yet it cannot restore them. Restoration is only available in the full version. Should you have any questions, please contact our Support Team.



Registration Wizard: Enter the License Key

## Uninstall

1. To remove O&O DiskRecovery from your system, open the Control Panel under the heading Settings in the Start Menu and click on **Add or Remove Programs**.
2. Please select **O&O DiskRecovery** from the list of installed software and click on **Remove**.
3. Confirm the uninstallation of O&O DiskRecovery. Once the uninstall process is complete you will receive a confirmation message, O&O DiskRecovery is now removed from your system.

## Updates for O&O DiskRecovery

If you want to update O&O DiskRecovery to a newer version, you will need a license key. Please follow the following directions:

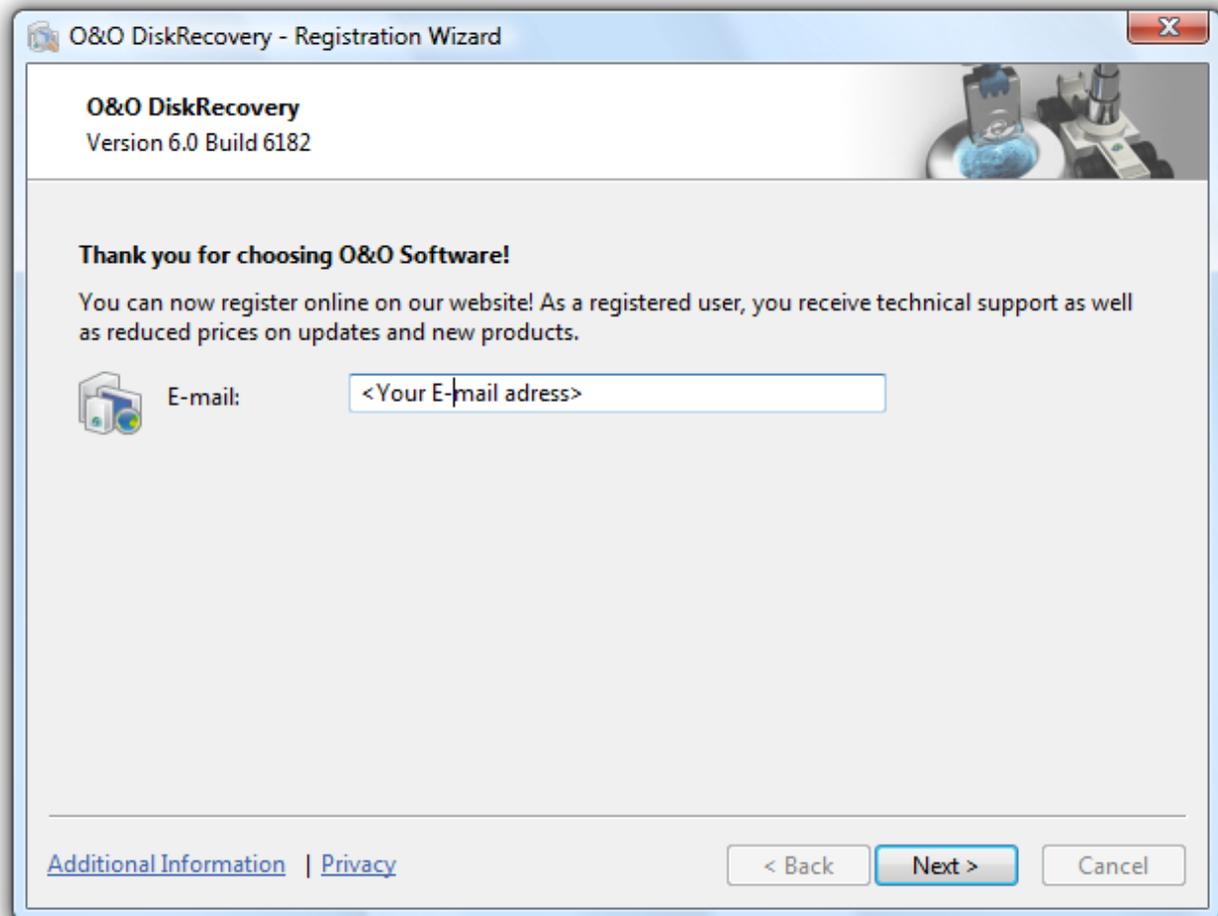
1. Start the installation of O&O DiskRecovery.
2. Follow the normal O&O DiskRecovery-installation.
3. Once finished, the new version is fully installed.
4. If necessary, follow additional instructions.



## Online registration

In order to register online, you will need the license key, which you have received when you purchased the program.

If you'd like to register online, start the O&O Program. The questions related to online registration always appear at the start, provided you haven't registered online.



Prompts for the Online registration

### More:

[What are the advantages of registering online](#)

[How does online registration work?](#)

### What are the advantages of registering online?

Online registration gives you the benefit of having your customer data kept safely on our files, which means we can provide you with even better service. This comes in very handy if, for example, you're unable to find the access code to your product. You can then quickly and easily request it from us. You will

## Online registration

need the license key for Updates or if you reinstall your O&O programs because you had to set up your computer again.

Further advantages will let you:

- Be supplied with the latest information about our products
- Make free updates on new versions of purchased items (minor updates)
- Upgrade to a new version at a special discount price (major update)
- Obtain support from our Customer Service
- And much, much more...

### **How does online registration work?**

If your O&O program was purchased on our Online Shop, you've automatically registered with us. If you start the Installation from the CD, you will be asked, if you want to register. You then have the option of either registering immediately or at another time. All you'll need is a functioning Internet connection and a valid license key.

You may also complete the registration form right here:

<http://www.oo-software.com/register>

Just return the completed online form by clicking "Send" and you'll be eligible to take full advantage of our O&O Customer Service.

## Quick Start

Connect the drive, from which you would like recover data, to your computer. It is necessary that your computer is running a compatible version of Windows.

1. Start O&O DiskRecovery from **Start/All Programs/O&O Software/O&O DiskRecovery**.
2. After the start you will get to the drive selection by clicking on **Continue**. Select the drive on which you would like to recover data and confirm by clicking on **Next**.
3. Confirm the initial data recovery settings on the next page by click on **Next**. After the following page, you can start the data recovery operation.
4. After the scan for deleted data has been completed you may now select from the list of folders and files the deleted files you would like to restore. With some file types (e.g. pictures) you can see the content of the file. This function is activated with preview.
5. Clicking **Next** will lead you to the selection of the target folder. In this folder your restored files will be saved.
6. In the next step the files will be restored. After this is complete, you will be able to view a status report of all actions taken up to this point. You can now close O&O DiskRecovery.

**Note:** Please make sure that there is sufficient disk space on your system and the target folder is not located on the drive where you would like to recover the deleted data.

**Regarding O&O RescueBox/O&O BlueCon:** It is possible to execute the data restoration directly from the bootable O&O RescueBox-CD or the O&O BlueCon-CD without needing a bootable Windows operating system! More information on this can be found in the O&O RescueBox/O&O BlueCon user's handbook or at <http://www.oo-software.com>

# Getting started

The following chapters will explain, how to rescue data with the successful installation of O&O DiskRecovery.

## More:

[Starting O&O DiskRecovery](#)

[Selecting a Drive](#)

[Selection of the search technique](#)

[Filter after file types](#)

[Start Search](#)

[Selecting Files](#)

[Selecting a Target Folder](#)

[Saving Files](#)

[Completing the Data Recovery](#)

[Saving a Data Recovery and continuing it later](#)

## Starting O&O DiskRecovery

For this start O&O DiskRecovery over the desktop link or under **Start/All Programs/O&O Software/O&O DiskRecovery**. You can also have online help displayed by clicking **Help** or pushing **F1**.

As soon as O&O DiskRecovery starts, it is possible to begin a new data recovery session or continue one you have saved. Clicking **Next** will take you to the Drive Selection dialog box. O&O DiskRecovery may be **Cancelled** at any time.

### Loading a Saved Data Recovery

1. Select **Load a stored data rescue for continuance** and select the file with the data rescue. Such a file generally has the extension DRD.
2. The data recovery information will then be loaded. Then you will be able to continue with your data rescue. If the data volume on which you would like to recover data is not present on your system, an error message will appear.

### Run data rescue from an image

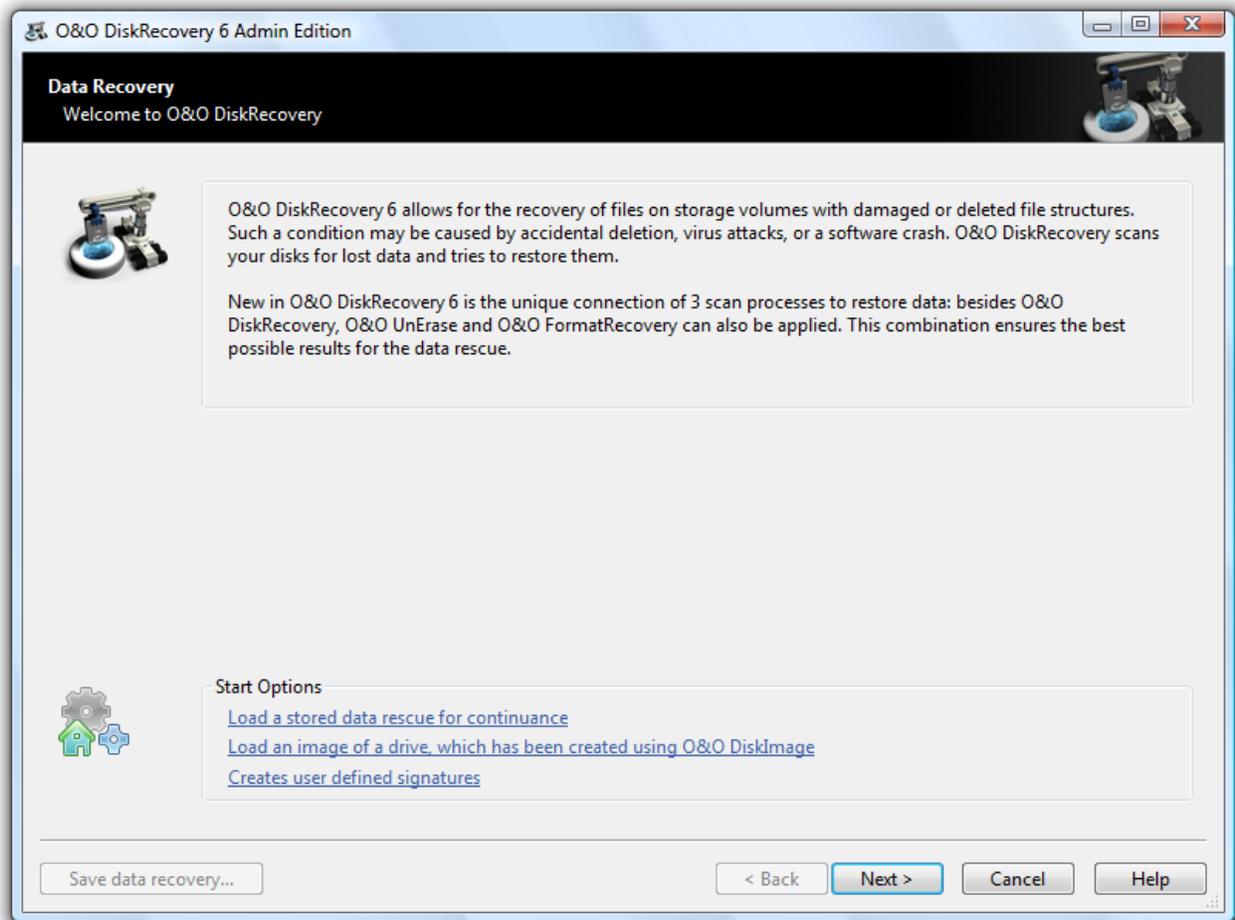
Our data imaging program O&O DiskImage can be used to create a direct forensic 1:1 image of the affected disk. This image (\*.omg) can be mounted as drive under Windows, and you can try to rescue your data with O&O DiskRecovery. The advantage is that the original disk will no longer be needed and thus can be used for other measures, such as sending it to a data rescue facility.

## Getting started

- Under **Load an image of a drive, which has been using O&O DiskImage** you can load a created image(\*.omg), and then run the data rescue from there.

### User defined file signatures

If you want to create your own file signatures, to find files which are not supported by O&O DiskRecovery, then please enter them here. Select **Create user defined signatures**. More on this can be found in the section entitled [Adding Your Own Signatures](#).



O&O DiskRecovery startup dialog box

## Selecting a drive

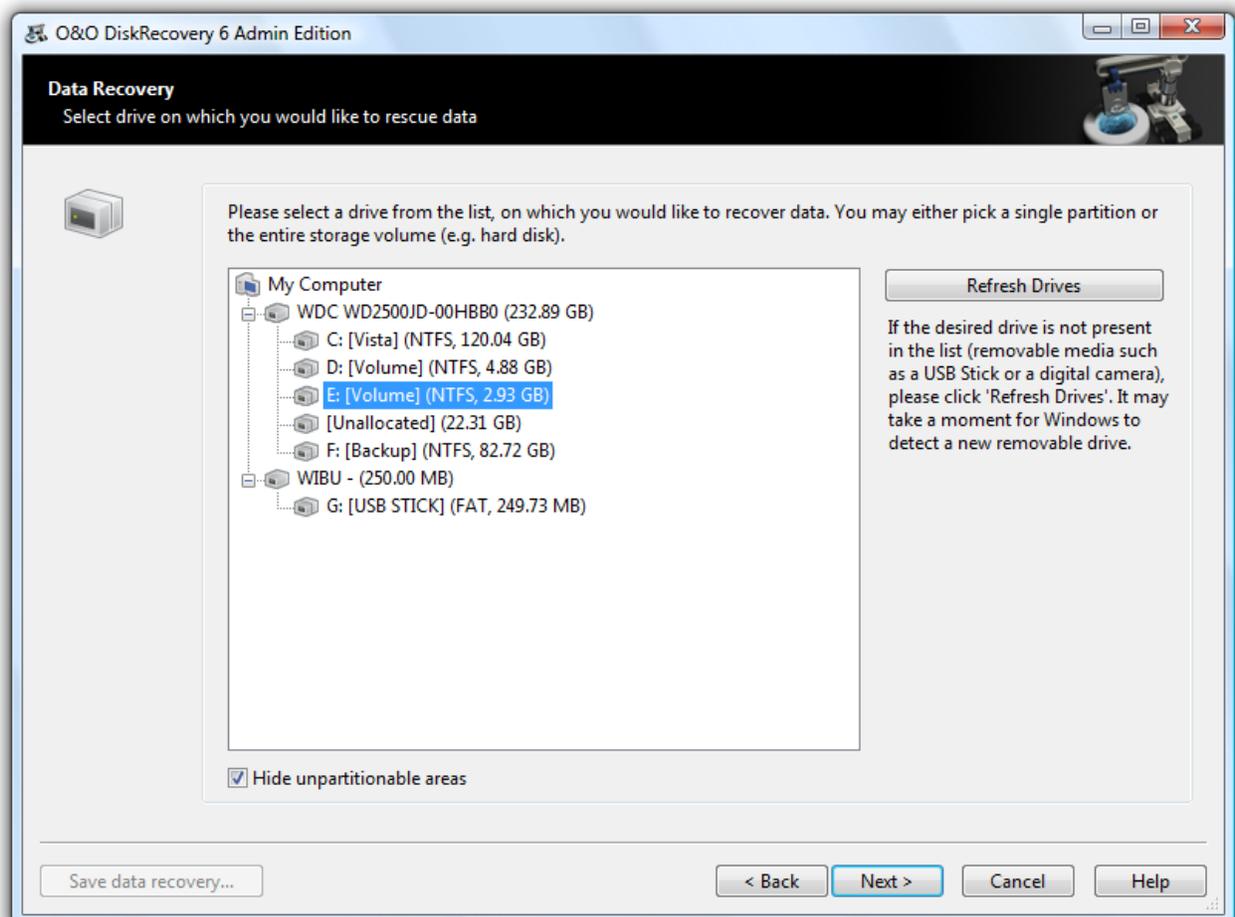
Select the drive, where you want to search for the deleted data. You can either select a partition (e.g. C: or D:) or an entire hard disk. You can also select as many storage volumes as you want, e.g. USB Sticks and Memory-Cards of digital cameras. Clicking Next will end the Drive Selection dialog.

As a standard, the areas which cannot be partitioned are hidden. Unselect **Hide unpartitionable areas**, if you want to make these areas visible.

## Getting started

Compared to the areas that cannot be partitioned there might also be areas, which are not partitioned. These areas are not available as partitions for Windows, but can be searched by O&O DiskRecovery. These areas are displayed in the partition list of a hard disk as RAW or "not allocated".

If you want to add drives after starting O&O DiskRecovery (e.g. USB Sticks or digital cameras), they will be displayed when you select update the drives. Then the drive list will be scanned once more and displayed.



Selecting a drive

## Selection of the search process

O&O DiskRecovery offers various search techniques in combination. The search techniques employ different search techniques to rescue data, which optimally complement each other.

As a rule, all search techniques are activated. In the search for deleted files all will be used for any inquiry. Depending on the size of the disk, this could take some time.

Selecting individual search techniques e.g. only O&O UnErase, offers the advantage that the search for deleted files is faster. If you are missing files after the first search run, you can use another search technique.

**Note:** It is possible that not all scan processes will be fully run during a scan. This can be caused by the scan requiring an increased memory load. You'll notice this when, for example, a higher number of files are found, or one of the three scan processes results in no found data at all. To avoid this, you should run a new scan and when doing so, disable one of the scan processes. You should either run O&O UnErase and O&O FormatRecovery OR O&O UnErase and O&O DiskRecovery

### O&O UnErase

The intelligent search algorithm enables a quick search run even through large hard disks. Even if some parts of your file have been overwritten with data, it is still possible to restore the other parts. Yet, it is also possible that not all deleted files are found.

### O&O FormatRecovery

Compared to O&O UnErase and O&O DiskRecovery, O&O FormatRecovery is able to restore data, where folder and structure information is missing completely. The advanced functions of the special search algorithm of O&O FormatRecovery makes it possible to locate and ignore the defect sector. As a result, it is still possible to conduct a data rescue, even if the disks is damaged.

### O&O DiskRecovery

The search algorithm of O&O DiskRecovery scans all sectors of the hard disk, the memory card or the USB Stick for lost files. Even formatted or destroyed file systems have a good chance of having data reconstructed. After completing a scan, it is possible to preview the files that can be restored. O&O DiskRecovery supports various picture and text formats in the preview function (among other things JPEG, BMP, TIF an many more).

It is sensible to use all of three search techniques for the data rescue. Here are a few typical application examples to illustrate the differences between the software programs.

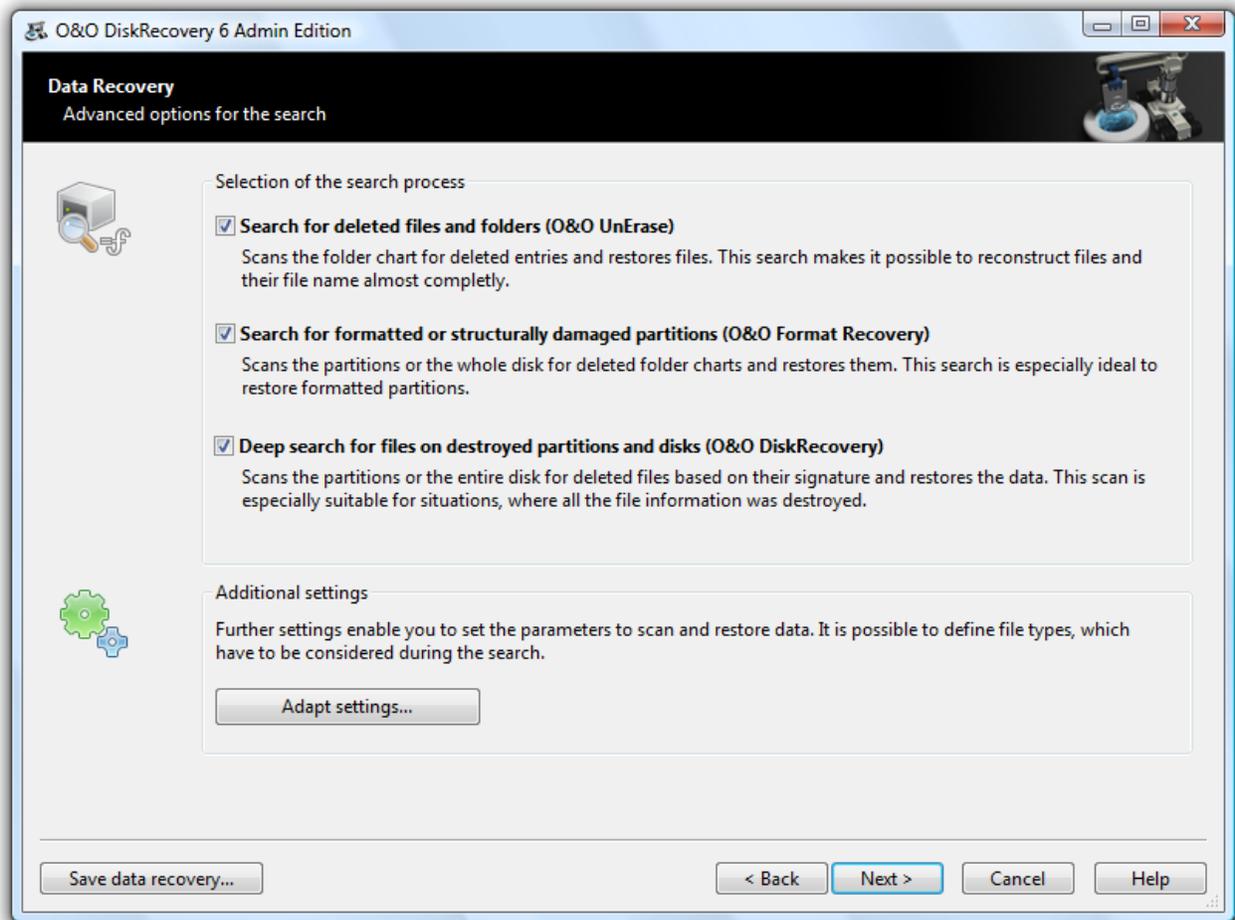
|   | O&O UnErase | O&O FormatRecovery | O&O DiskRecovery |
|---|-------------|--------------------|------------------|
| Files were accidentally deleted from the Recycle bin.   | ✓           | ✓                  | ✓                |
| A disk was formatted.   |             | ✓                  | ✓                |
| A virus or malicious software caused damage to some data and now some files or folders are missing. | ✓           | ✓                  | ✓                |
| Windows announces the need to format the disk.  |             | ✓                  | ✓                |
| The disk was formatted, the files were heavily fragmented.  |             | ✓                  |                  |

## Getting started

|  | O&O UnErase | O&O FormatRecovery | O&O DiskRecovery |
|--|-------------|--------------------|------------------|
| O&O UnErase did not produce the desired results.                       |             | ✓                  | ✓                |
| No file system is present on the drive.                                |             | ✓                  | ✓                |
| O&O FormatRecovery and O&O UnErase did not render the desired results. |             |                    | ✓                |
| A new operating system was installed.                                  |             |                    | ✓                |

You can set further settings under **Adapt settings**.

**Note:** Please bear in mind that the search techniques used by O&O FormatRecovery on e.g. hard disks encrypted with BitLocker, cannot reconstruct data.



Select search technique

### More:

[Set settings for the search](#)

[Filter after file types](#)

### Set settings for the search

After drive selection you will be able to define the settings that will have a huge effect on the precision and length of the scan. In addition you can lay down a minimum length for text files. However, the default settings are generally sufficient for most cases and therefore probably do not need to be changed.

**Note:** If you have selected a device(hard disk, USB Stick etc.) and not a partition, you do not have the options O&O SmartScan and O&O RawScan at your disposal.

**Maximum Scan Depth for Recovering Data ([O&O DeepScan](#))**

Runs an even more precise scan when rescuing data and increases the rate of success for the restoration of the original file size. Also, very small files can also be found this way. This can increase the duration of the scan.

### **Ignoring Existing Files ([O&O SmartScan](#))**

Enables a faster scan and avoids the restoration of existing files. You will save later tedious comparisons and sorting of already existing files.

### **Leaving Out the File System During the Scan ([O&O RawScan](#))**

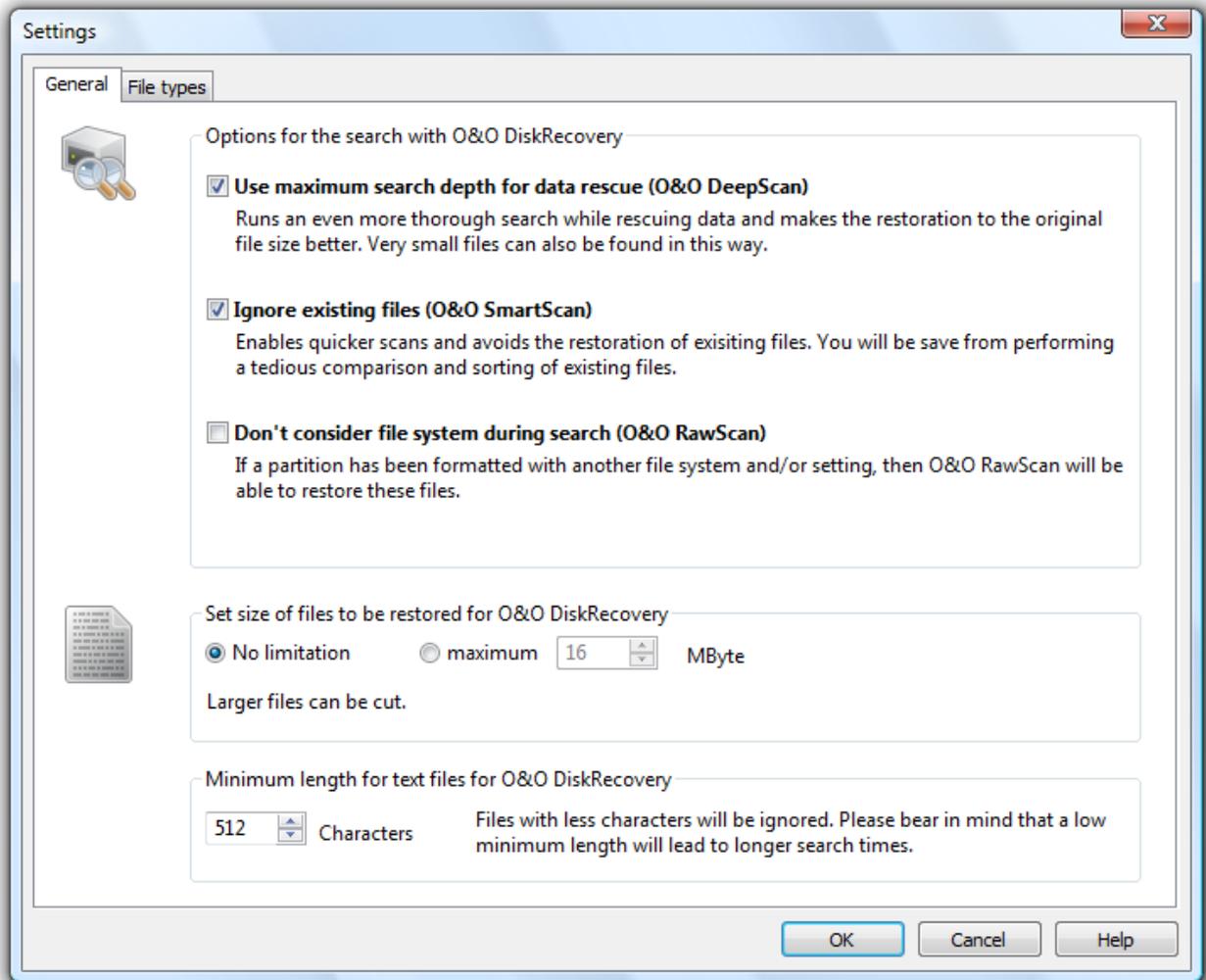
If the partitions, from which you want to restore data, was formatted, then the option O&O RawScan enables you to also restore these files. This can increase the duration of the scan.

### **Limiting the Scan to File of a Specific Size**

This function limits the scanning sequence to notice only files smaller than a set number of Megabytes. This maximum value can be set anywhere between 1 and 1024 MB. By default, all recoverable files, regardless of their size, are scanned. Using this function will conserve system resources and possibly accelerate the entire scanning operation.

### **Minimum Length for Text Files**

O&O DiskRecovery can recognize a number of different text files (HTML, source text files etc.). The default value of 512 characters means that all text files that consist of 512 characters or less will not be picked-up by the scan. If you would like to set this value lower, you can do so here. If you would like to set this value lower, you can do so here. the smaller the value, the longer the scan duration.



Defining the Scan Settings

## Filter after file types

It is possible to determine which types of files O&O DiskRecovery will scan for. By default all data types are considered. After the scan has been completed you will be able to select which files are to be restored. Because of this you may want to just leave the file type settings as they are. Clicking **Next** will initiate the data scan.

## File Types

In the file type dialog box you can define which file type will be considered in the scan and will not. With the **Filter for file groups** you can set the display to only show specific file type groups. To do this, just adjust the column headings to meet your sorting needs.

**Please note:** you must select at least one file type to continue with the scan.

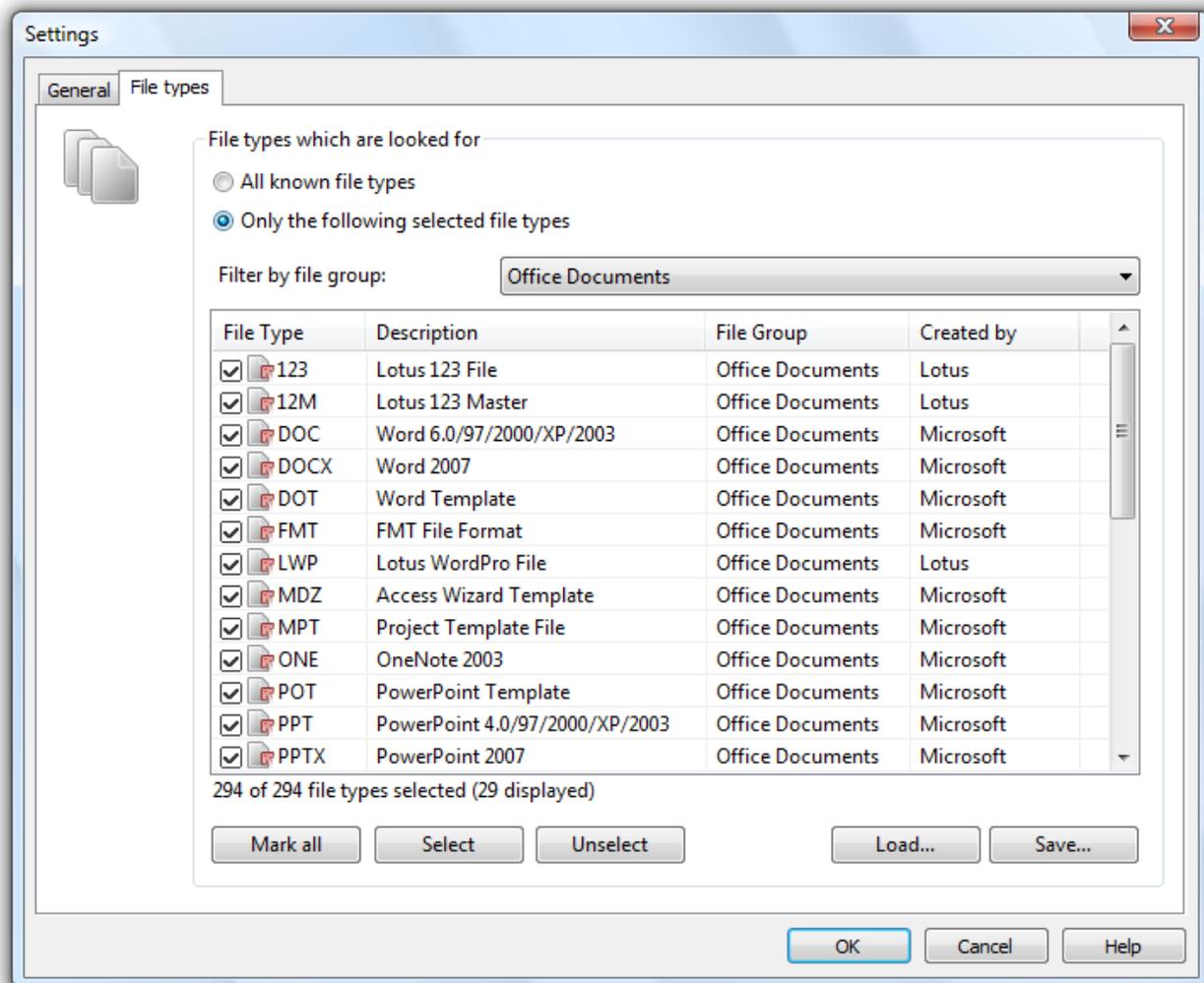
## Load and Save

## Getting started

In order to secure a specific group of file types for future scans, simply save this particular scheme. Later you can use the load function to change or use it again.

### Selecting File Types

O&O DiskRecovery scans for all highlighted file types. All unselected file types are hidden. Normally, though, you can select all file types to be considered for the scan and filter those you do not want to recover after the scan result have been compiled.



File Types and Options

## Start Search

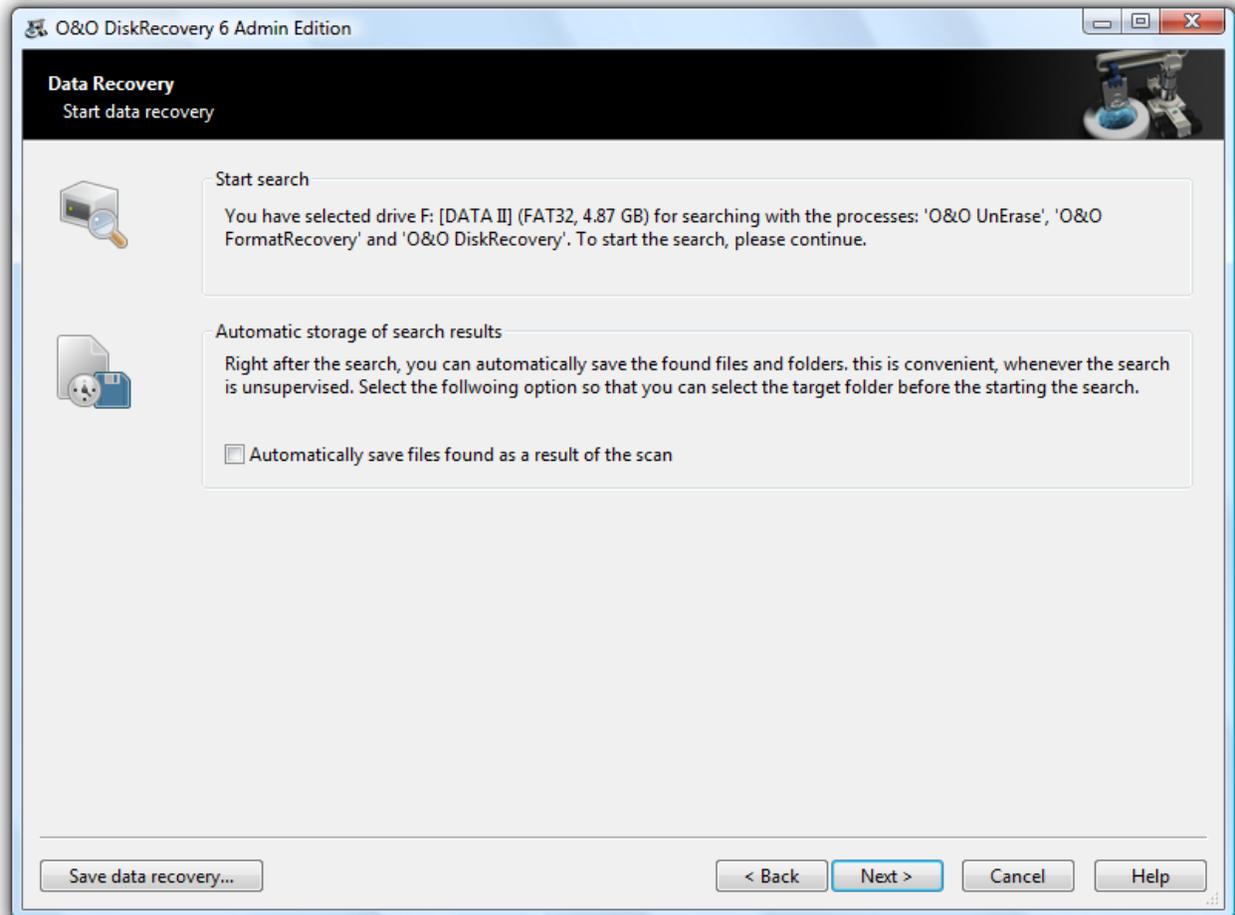
- Click on **Next** to start the search for deleted files.

### Automatic saving of the search results

## Getting started

If you would like to execute an unsupervised scan, you can instruct O&O DiskRecovery to save all found files automatically after the scan and to finish the data rescue. This can save time. If you would like to select this option, your next step will be to define a target folder. Once this is completed, the scan will be initiated. More information on this can be found in the section entitled "[Saving Files](#)".

**Note:** This function is not available in the trial version and Personal Edition of the software.



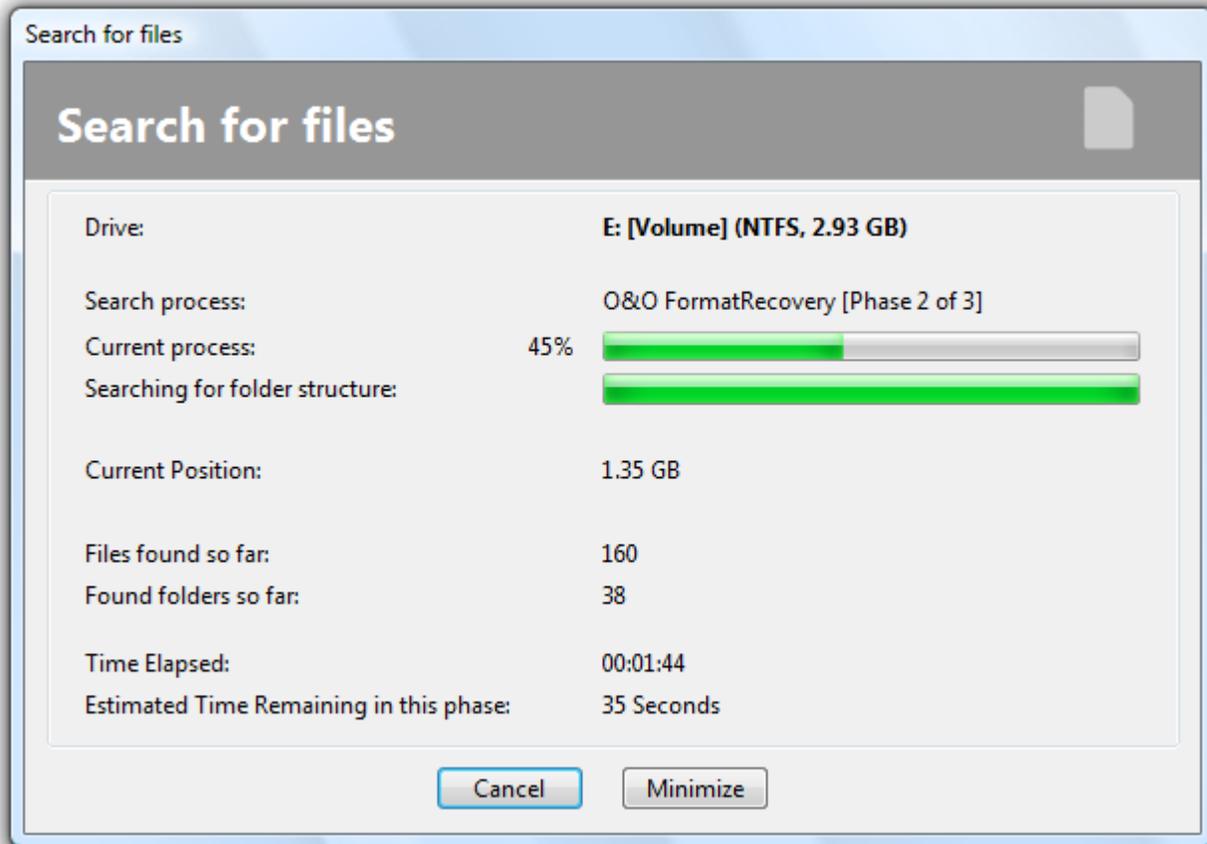
Start Search

## Execute Search

During the scan you will receive information regarding the O&O DiskRecovery scan by way of a status dialog box. In it you will find the overall progress of the scan, the progress pertaining to a specific file, and the number of files found to this point.

The elapsed time, as well the estimated time remaining, can also be found here.

O&O DiskRecovery can be Minimized in to the System Tray. By clicking **Cancel**, you can stop the scan at any time. When the scan is interrupted you will be returned to the previous page of the assistant where you will be given the option of resuming the scan or running it again.

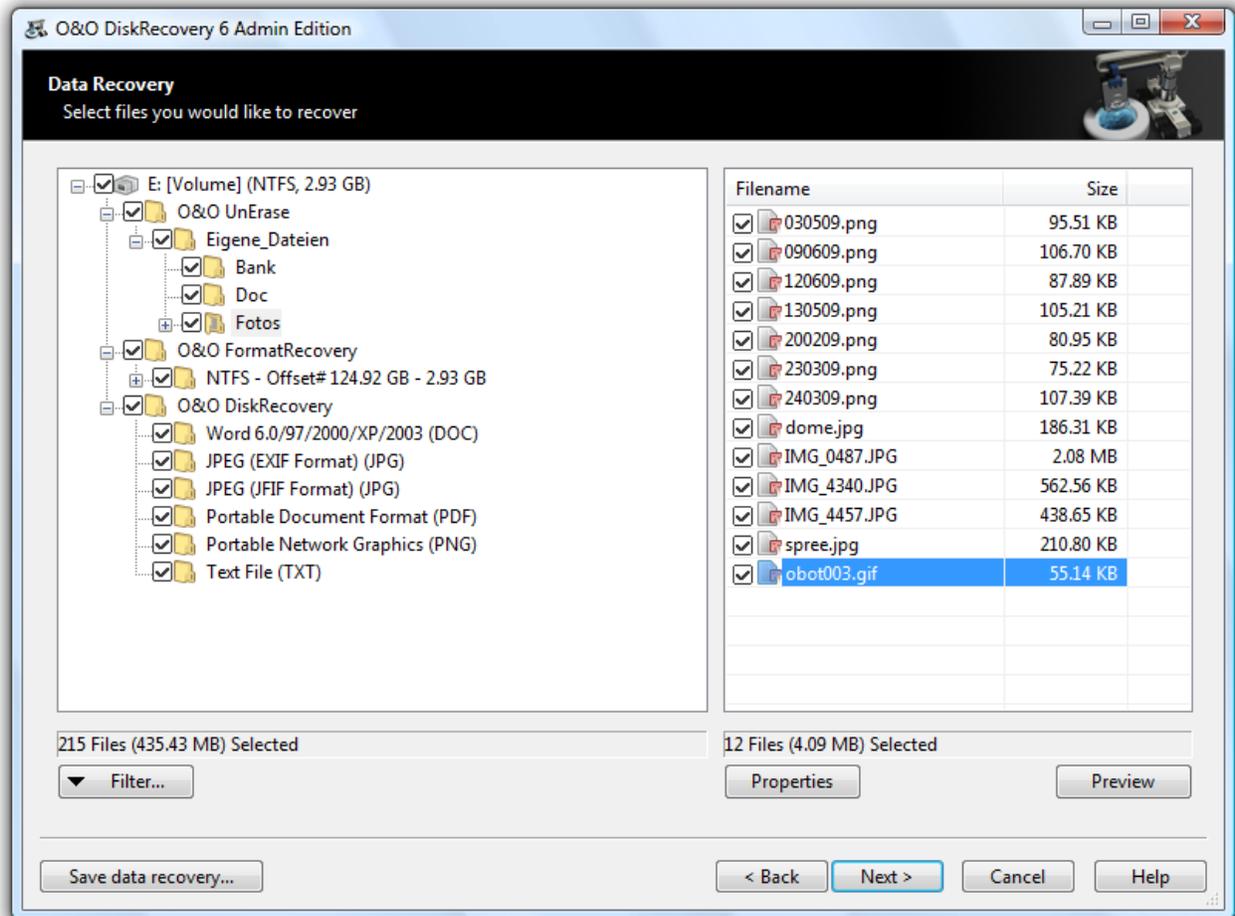


Scan

## Files to be restored

After the scan has been completed, the files found will be displayed in two lists; the list to the left displaying the types of files found, the one on the right showing the actual files of this type found. By selecting a specific file type on the left, the corresponding list on the right will change. Depending on which list is activated, the commands Select All, Select, and Unselect can be used.

When your selections are made, click on **Next** to continue to the next step.



Selecting Files

**Note:** In the Personal Edition the maximum number of files that may be restored in a single data recovery is 1000. In both the Admin and Tech Editions of the software there is no limit to the number of files restored in a single data recovery.

**Note:** It is possible that not all scan processes will be fully run during a scan. This can be caused by the scan requiring an increased memory load. You'll notice this when, for example, a higher number of files are found, or one of the three scan processes results in no found data at all. To avoid this, you should run a new scan and when doing so, disable one of the scan processes. You should either run O&O UnErase and O&O FormatRecovery OR O&O UnErase and O&O DiskRecovery

**More:**

[Preview](#)

[Filter](#)

## Preview

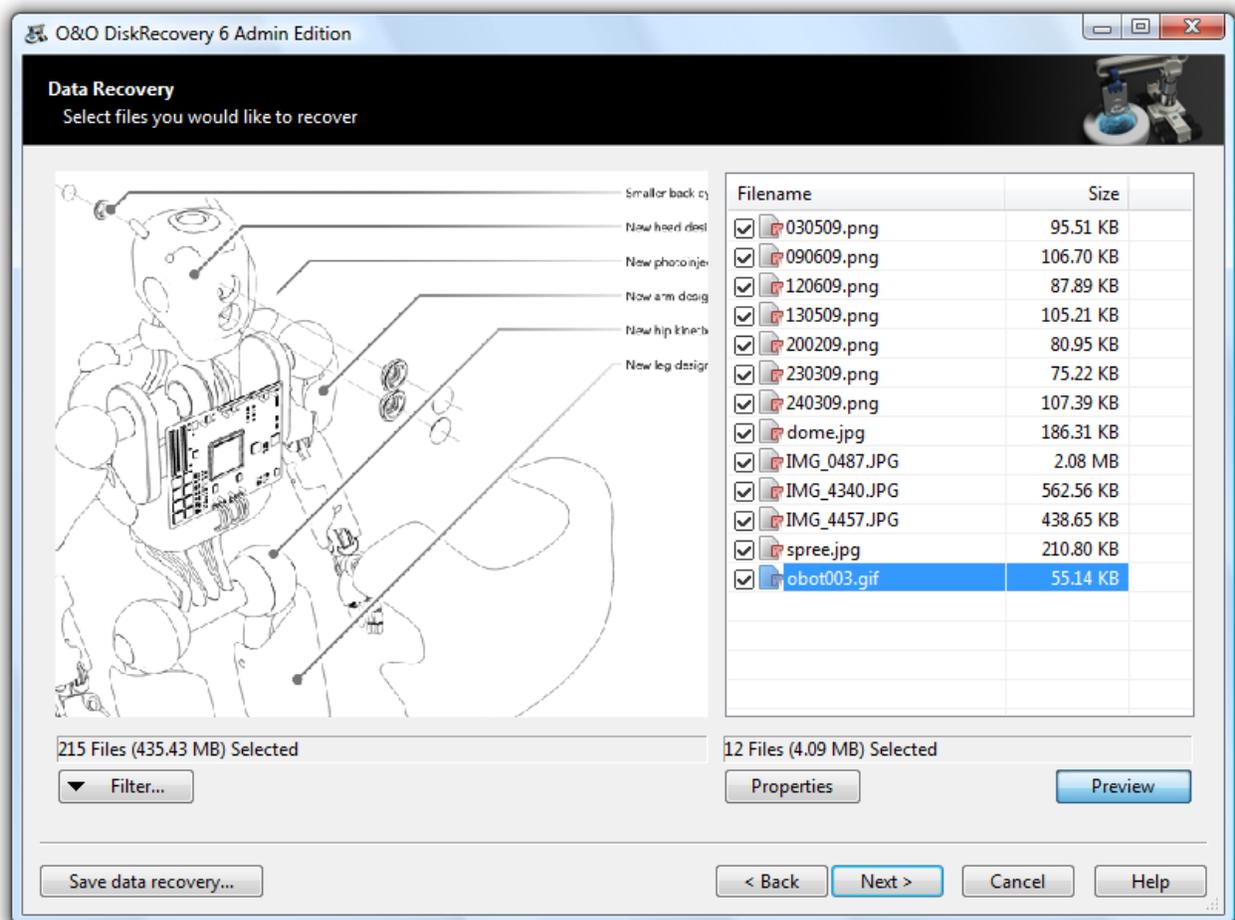
Many picture and text files can be immediately previewed without having been previously recovered.

To activate the preview select the file type group on the left and then click on Preview. If the button is grayed-out, these types of files cannot be previewed.

With the preview function active, click on the file you would like to preview.

- To **deactivate** the preview function, simply click the **Preview** button one time.
- **Filter.../Select all files** marks all suitable files for restoration
- **Filter.../Unselect all files** removes the selection.

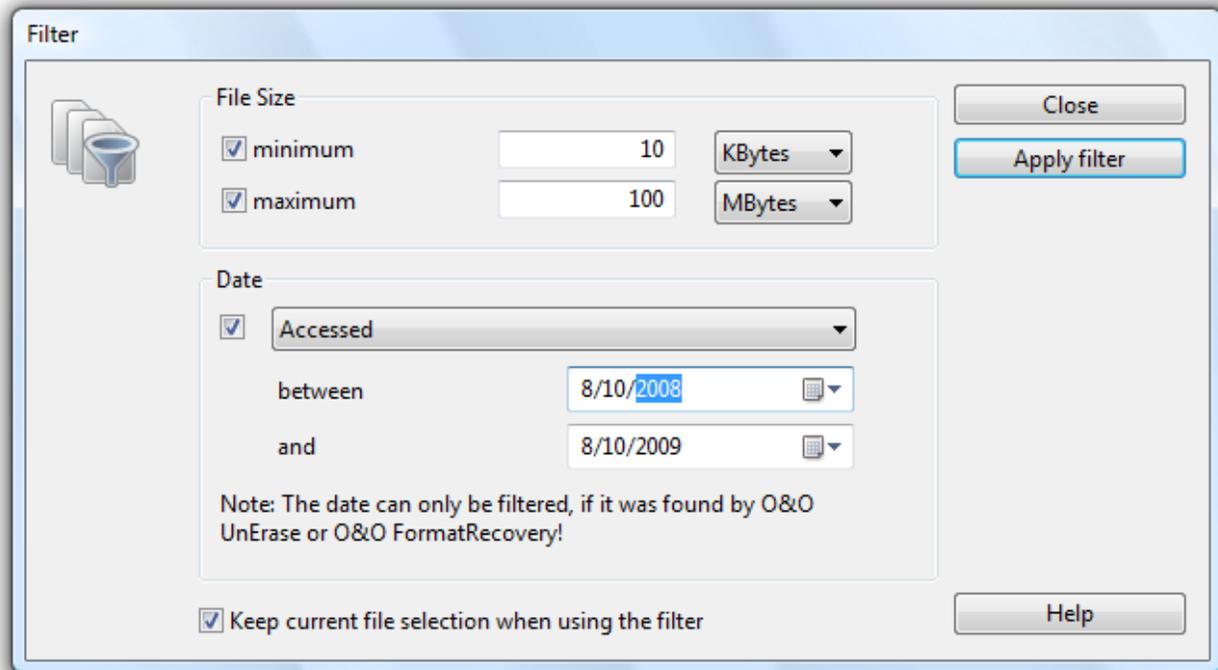
**Note:** The fact that a preview is not available for some files does not rule out the chance for a successful and flawless restoration of those files. This function should not be seen as a way to judge the quality of a pending restoration, but rather as a means to make the file identification process easier.



Preview function

## Filter

With the Filter option it is possible to include or exclude specific files from the list depending on their size. To do so, enter the size range in which the desired files should fall. You can also stipulate whether the filter should consider all files, only those previously selected, or only those you previously left unselected.



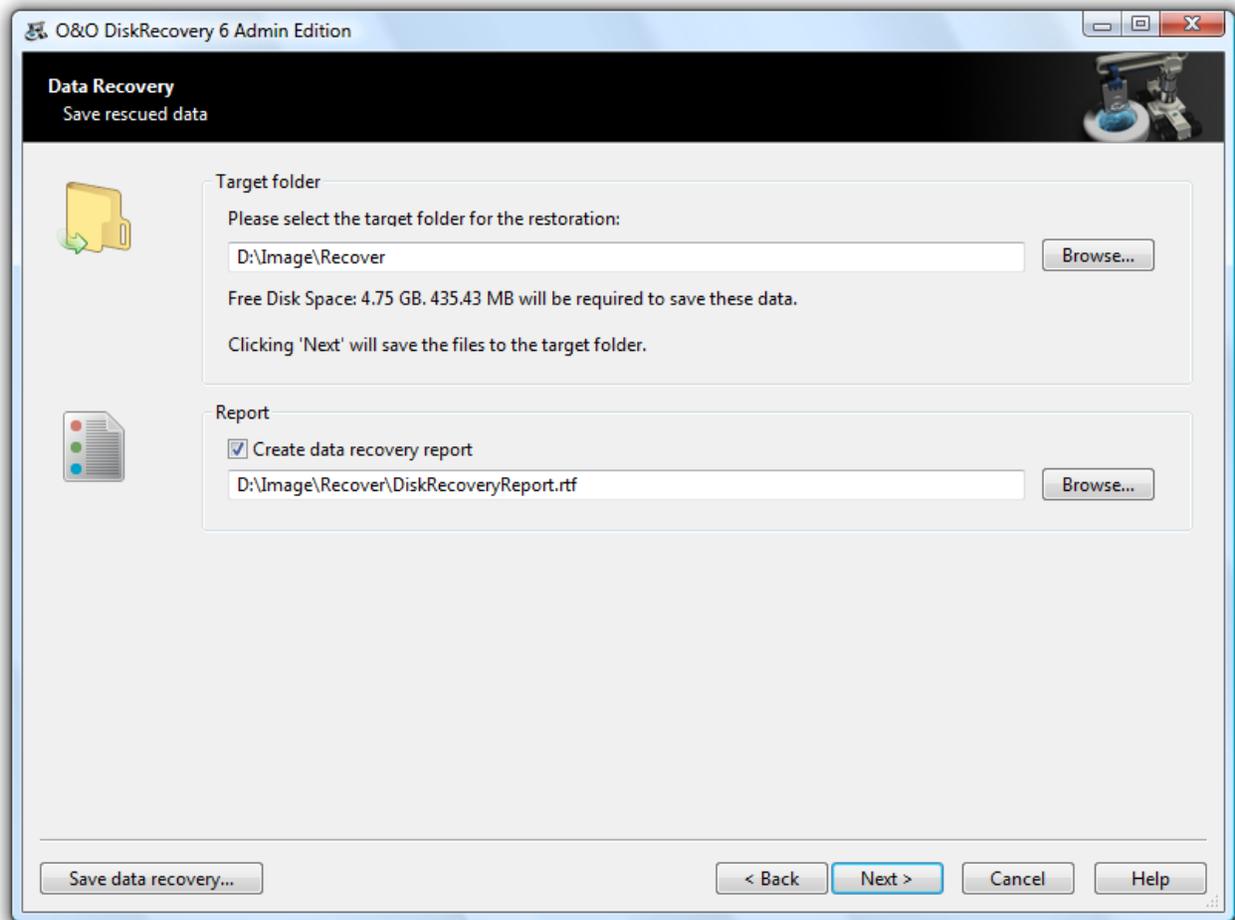
Applying a filter

## Selecting a Target Folder

To recover selected files you need to enter a saving location. By default your 'My Documents' folder is set, but any folder, including network folders, may be selected for this. O&O DiskRecovery automatically creates a subfolder into which the recovered files are saved. Because an individual subfolder is created for every file type recovered, it is advised that you select a target folder that is new or empty. In addition, it is possible to create a report regarding the completed data recovery.

- Enter the target folder for the data to be rescued. If it does not exist yet, it will be created automatically. Confirm the corresponding dialogue question.
- Click **Next** to initiate the recovery of data.

**Note:** Please bear in mind that the target folder cannot be located on the same partition from where the data is to be restored! Also do not forget to make sure you have enough storage capacity on disk to facilitate the newly recovered files. If you only have one partition (e.g. only "C:"), you will need an external disks to save the data to be restored, e.g. USB Stick.



Select target folder for the data rescue

### More:

[Create a data rescue report](#)

## Creating a Report

Activating this option will enable you to view a detailed report regarding the completed data recovery session. You can have this report saved to a different target folder as that in which the recovered files are to be saved. As a standard it will be created with the name "DiskRecoveryReport.rtf" in the target folder.

The reports are saved in Rich Text Format (RTF) and can be viewed and printed with the help of applications such as WordPad, Microsoft Word, or any other text editing programs.

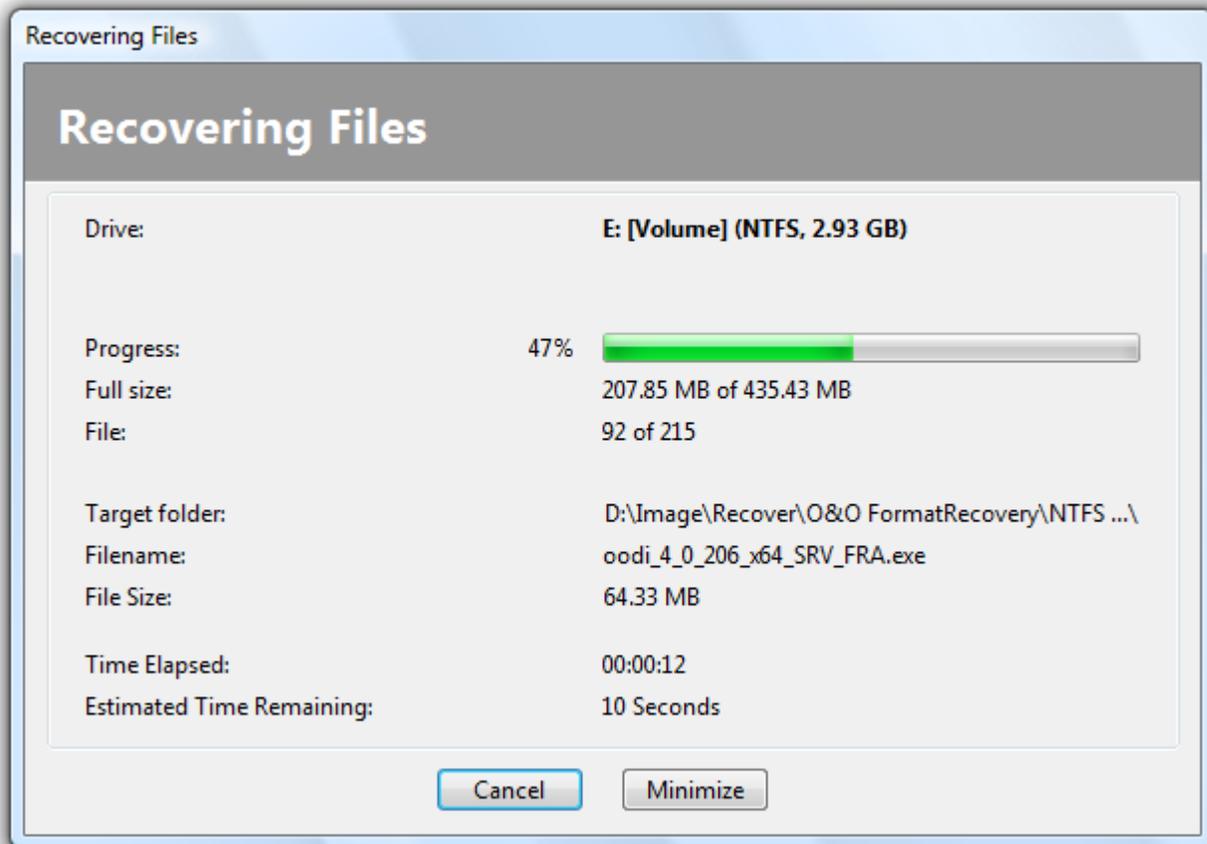
## Saving Files

While the recovered files are being saved to their target folder, O&O DiskRecovery keeps you up-to-date by way of a convenient dialog box. Information, such as overall progress and the total size of the saved files, is displayed in real-time as the operation progresses.

## Getting started

The elapsed time, as well the estimated time remaining, can also be found here.

O&O DiskRecovery can be Minimized in to the System Tray. Pressing Cancel will interrupt the saving operation. When the operation is interrupted you will be returned to the previous page of the assistant where you will be given the option of changing the target directory and reselect the files to be recovered. Please note that all files that have already been successfully saved will be unselected so that you can continue to save files where you left off.

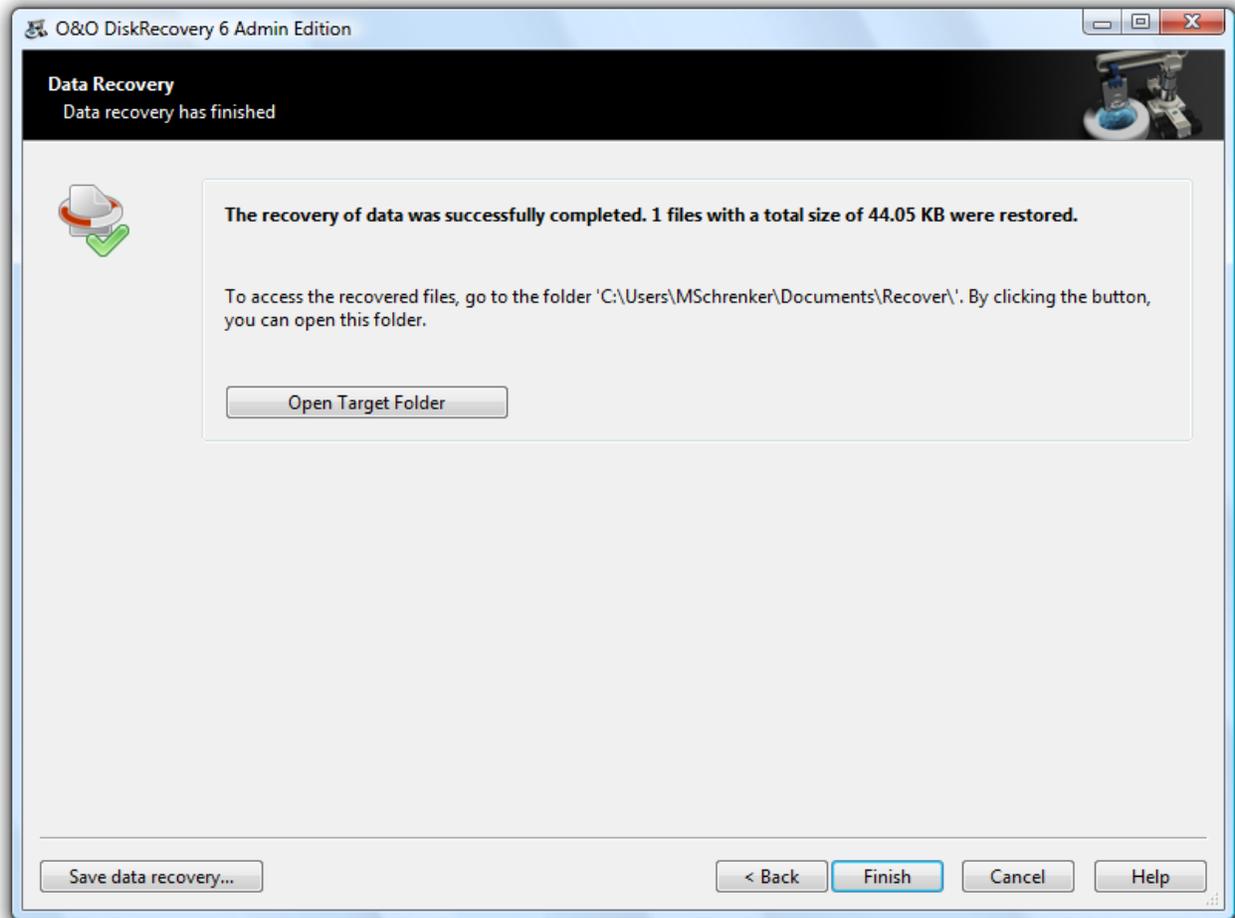


Data Recovery Progress

## Completing the Data Recovery

After the successful recovery of files is completed, a summary of the data recovery will appear. From here you can Open Target Folder and immediately access the restored files.

By clicking **Finish** O&O DiskRecovery will be closed.



Completing the Data Recovery

## Saving a Data Recovery and continuing it later

At any time you can interrupt the data recovery operation and continue it at a later time. In the bottom-left-hand corner of the Assistant you will find a button entitled Save Data Recovery. This will open a dialog box that will allow you to save the current data recovery.

After the data recovery is successfully saved, it will be possible to load it after O&O DiskRecovery is restarted at a later time. More information on this can be found in the section entitled "[Starting O&O DiskRecovery](#)".

Please note that the save function is only available when you have made changes to the default data recovery settings.

## File Types and Signatures

O&O DiskRecovery recognize over 280 file versions. A complete list of these file types can be found in the section entitled "[List of Supported file types](#)".

Moreover, you have the ability of adding your own signatures. O&O DiskRecovery can use these user-defined signatures for its scan.

If you notice an important file type is missing from the current list and should be included, please give us three examples of this file type with a short explanation and send them to [support@oo-software.com](mailto:support@oo-software.com). We will then incorporate this file type into the new version of O&O DiskRecovery. Please note that we are not liable for any data sent to us. If you have any questions regarding this, please feel free to contact our Technical Support.

### More:

[Adding Your Own Signatures](#)

[Automatically Loading Signatures](#)

[Selecting file types to be scanned](#)

[List of Supported File Types](#)

## Adding Your Own Signatures

After starting O&O DiskRecovery you can open the dialog box to add your own user-defined signature.

After the dialog box appears, please enter the File Extension for the new signature (e.g. DOC for a Word document). In the Short Description, you may enter a small narrative regarding this file type.

The Start Position defines the offset of the signature calculated from the beginning of the file. For instance, if the signature is to begin from the third character, then enter a 3 here. Otherwise, enter 0 when the signature is to stand at the beginning of the file.

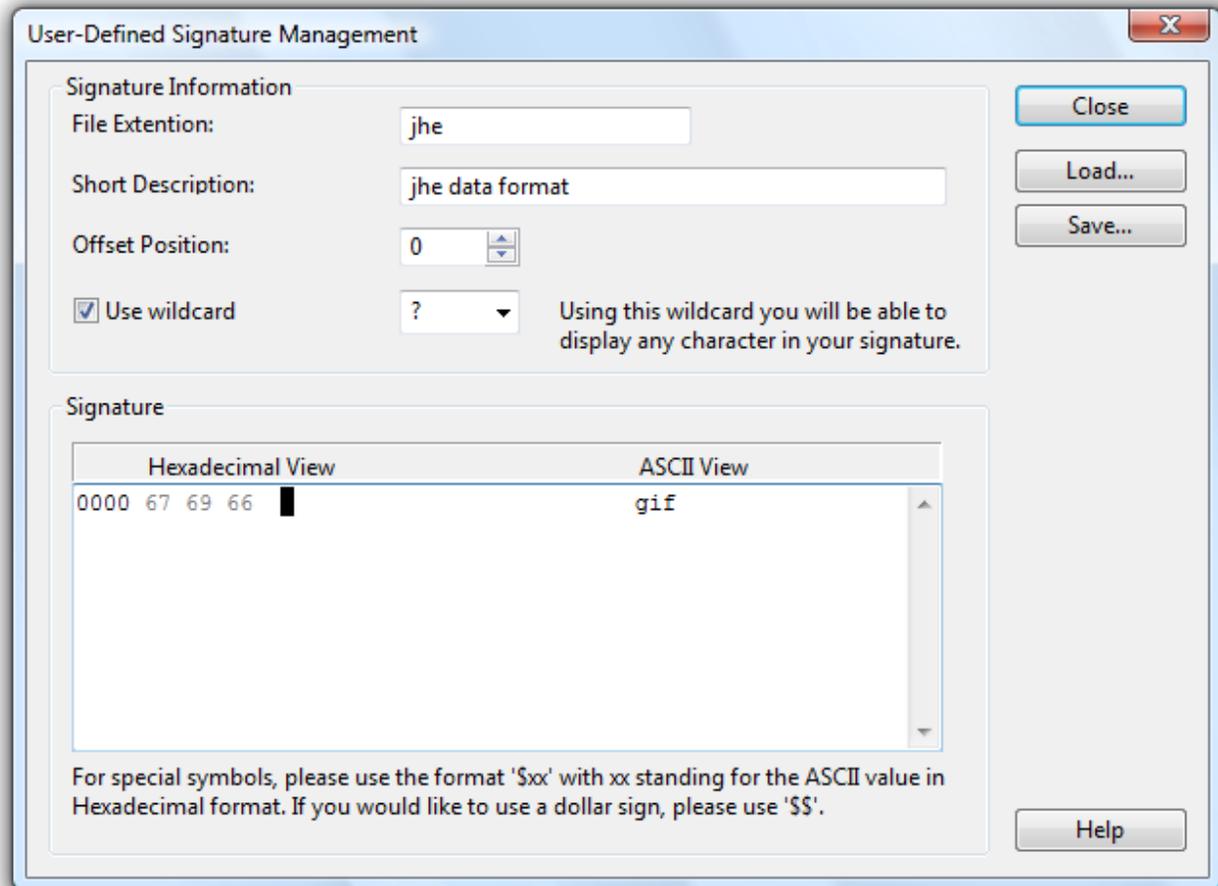
The use of place holders is also a possibility while defining a signature. A place holder stands for any user-defined character in the signature. For this, you need to activate **Use Place holders**. Afterwards you can define "?", "\*", or any other character as your place holder.

In the field labeled Signature you can enter the distinct character chain that is used to identify the file type. This can be entered using any ASCII characters. If you would like to enter a special character that can not be expressed through normal text, enter a dollar sign instead. Following the Dollar sign enter a two-digit Hex value in place of the character. For example, if you would like to add a line break (Carriage Return corresponding to ASCII Code 13), then you would have to enter '\$0D'. Entering a '\$\$' will produce an actual Dollar sign.

It is also possible to enter Hexadecimal Values. For non-displayable characters it is recommend using only Hexadecimal values.

After you have finished entering the signature, it is necessary that you save it. Please note that all user-defined signatures must be saved either to the O&O DiskRecovery program folder or to your 'My Documents' folder for them to be found and loaded when the program starts.

If you would like to change a signature already created and incorporated into O&O DiskRecovery, simply load the desired signature and save it again with the desired changes.



Entering of User-Defined Signatures

### Automatically Loading Signatures

When O&O DiskRecovery opens, it automatically loads all user-defined signatures and adds them to its overall list of file types. Please note that all user-defined signatures must be located in either the O&O DiskRecovery program folder or in the 'My Documents' folder for the program to be able to successfully detect and load them.

If you have your own signature with an extension that either already exists in the master list of file signatures or has already been loaded in the past, it will not be loaded again and an error message will inform you of this.

## List of Supported File Types

| File extensions | Description               | Publisher         | File group      | Preview available |
|-----------------|---------------------------|-------------------|-----------------|-------------------|
| 123             | Lotus 123 File            | Lotus             | Office Document |                   |
| 12M             | Lotus 123 Master          | Lotus             | Office Document |                   |
| 3DA             | Crystal Reports File      | Crystal Decisions | Document        |                   |
| 3TF             | Crystal Reports File      | Crystal Decisions | Document        |                   |
| 3WS             | Crystal Reports File      | Crystal Decisions | Document        |                   |
| ACCDB           | Access 2007               | Microsoft         | Data base       |                   |
| ACE             | ACE File                  | e-Merge           | Archive         |                   |
| ACM             | Windows System File       | Microsoft         | Application     |                   |
| ACP             | Arcon Project File        | TriCAD            | Miscellaneous   |                   |
| ADP             | Access Project            | Microsoft         | Data base       |                   |
| ADT             | Fax File Format           | AdTech            | Application     |                   |
| AFM             | Adobe Font Metrics        | Adobe             | Application     |                   |
| AI              | Adobe Illustrator Format  | Adobe             | Graphic         |                   |
| AIF             | QuickTime File            | Apple             | Movies          |                   |
| AM              | Sound File Format         |                   | Audio           |                   |
| ANI             | Animated Pointer          | Microsoft         | Graphic         |                   |
| API             | Acrobat Plug-In           | Adobe             | Application     |                   |
| ARJ             | ARJ Archive Format        | ARC Software Inc. | Archive         |                   |
| ASF             | Advanced Streaming Format | Microsoft         | Movies          |                   |

## File Types and Signatures

|      |                                     |                    |             |   |
|------|-------------------------------------|--------------------|-------------|---|
| ASMX | ASP.NET Webservice Source           | Microsoft          | Application |   |
| AU   | Sound Player File                   | Sun Microsystems   | Audio       |   |
| AVI  | Audio Video Interlaced File         | Microsoft          | Movies      |   |
| AW   | Answer Wizard File                  | Microsoft          | Application |   |
| AX   | Windows System File                 | Microsoft          | Application |   |
| BIN  | Binary File Format                  | Microsoft          | Application |   |
| BKF  | WindowsXP Backup Utility Backup Set | Microsoft          | Application |   |
| BLD  | 3D Home Architect                   | 3D Home            | Graphic     |   |
| BMP  | Windows Bitmap                      | Microsoft          | Graphic     |  |
| BOO  | FrameMaker Format                   | Adobe              | Graphic     |   |
| BQY  | BrioQuery File                      | Brio Technology    | Data base   |   |
| BRK  | BRK File Format                     | Adobe              | General     |   |
| BTR  | Btrieve Database File               | Pervasive Software | Data base   |   |
| CAB  | Windows Cabinet Archive             | Microsoft          | Archive     |   |
| CAL  | CAL File Format                     |                    | General     |   |
| CAP  | Concept16 Database File             | Vectorsoft         | Data base   |   |
| CDR  | Corel Draw 8/9/10/11/12/X3          | Corel              | Graphic     |   |
| CDT  | Corel Draw Template File            | Corel              | Graphic     |   |
| CHM  | Compiled Help File Format           | Microsoft          | Application |   |

## File Types and Signatures

|      |                                     |                            |                           |   |
|------|-------------------------------------|----------------------------|---------------------------|---|
| CHQ  | Help Combined Full-text Search File | Microsoft                  | Application               |   |
| CIFF | CIFF Format                         | Canon                      | Digital camera RAW-Format |   |
| CLA  | Java Class File                     | Sun Microsystems           | Document                  |   |
| CLP  | Windows Clipboard Format            | Microsoft                  | Graphic                   |   |
| CLS  | JavaScript Class                    | Sun                        | Document                  |   |
| CLY  | ACT! Layout                         | Best Software CRM Division | Document                  |   |
| CMX  | Corel Clipart                       | Corel                      | Graphic                   |   |
| CNT  | Windows Help File Content           | Microsoft                  | Application               |  |
| CNV  | Text Converter File                 | Microsoft                  | Application               |   |
| CONT | Contax Raw Format                   | Contax                     | Digital camera RAW-Format |   |
| CPI  | International Code Page             | Microsoft                  | Application               |   |
| CPL  | Control Panel File                  | Microsoft                  | Application               |   |
| CPP  | C/C++ Source Code File              |                            | Text                      |   |
| CPT  | Photo-Paint Image                   | Corel                      | Graphic                   |   |
| CR2  | CR2 Format                          | Canon                      | Digital camera RAW-Format |   |
| CTM  | CTM File Format                     | CTM Development            | General                   |   |
| CUE  | CUE File Format                     |                            | General                   |   |
| CUR  | Cursor File Format                  | Microsoft                  | Graphic                   |   |

## File Types and Signatures

|      |                                    |              |                           |
|------|------------------------------------|--------------|---------------------------|
| DB   | Paradox Database                   | Borland      | Data base                 |
| DBX  | Outlook Express E-mail Folder      | Microsoft    | Mail                      |
| DBx  | Microsoft Picture Catalog          | Microsoft    | Graphic                   |
| DCM  | DICOM Medical Imaging Data         |              | Graphic                   |
| DCR  | Shockwave Director File            | Macromedia   | Graphic                   |
| DIB  | Device-Independent Bitmap graphics | Microsoft    | Graphic                   |
| DIT  | Windows Active Directory Schema    | Microsoft    | Application               |
| DLL  | Dynamic Link Library               | Microsoft    | Application               |
| DOC  | Word 6.0/97/2000/XP/2003           | Microsoft    | Office Document           |
| DOCX | Word 2007                          | Microsoft    | Office Document           |
| DOT  | Word Template                      | Microsoft    | Office Document           |
| DRD  | O&O DiskRecovery Data File         | O&O Software | Application               |
| DRF  | O&O DiskRecovery File-type File    | O&O Software | Application               |
| DRS  | O&O DiskRecovery Signature File    | O&O Software | Application               |
| DRV  | Windows System Driver              | Microsoft    | Application               |
| DRW  | Micrografx Designer Format         | Micrografx   | Graphic                   |
| DSC  | Rollei Raw Format                  | Rollei       | Digital camera RAW-Format |

## File Types and Signatures

|     |  |            |                 |   |
|-----|--|------------|-----------------|---|
| DSG | EOD File                                       | Sierra     | Miscellaneous   |   |
| DSN | ODBC Datasource File                           | Microsoft  | Data base       |   |
| DUN | DUN File Format                                | Microsoft  | Application     |   |
| DWG | AutoCAD File Format                            | Autodesk   | Graphic         |   |
| DXR | Protected Movie File                           | Macromedia | Movies          |   |
| ECF | Extension Configuration File                   | Microsoft  | Application     |  |
| EDB | Exchange Server Database                       | Microsoft  | Data base       |   |
| ELM | FrontPage Theme-Pack File                      | Microsoft  | Internet/Web    |   |
| EMF | Windows Enhanced Meta File                     | Microsoft  | Graphic         |   |
| EPS | Encapsulated Postscript                        | Adobe      | Document        |   |
| ETP | Visual Studio .NET Enterprise Template Project | Microsoft  | Document        |   |
| EXE | Executable File                                | Microsoft  | Application     |   |
| FAE | FAE File Format                                | Microsoft  | General         |   |
| FDB | Firebird Database File                         | Firebird   | Data base       |   |
| FH8 | Freehand File Format                           | Macromedia | Graphic         |   |
| FLA | Flash Movie Authoring File                     | Macromedia | Movies          |   |
| FLC | Autodesk Animator File                         | Autodesk   | Graphic         |   |
| FLT | FLT File Format                                | Autodesk   | General         |   |
| FMT | FMT File Format                                | Microsoft  | Office Document |   |

## File Types and Signatures

|      |                                      |                            |                           |   |
|------|--------------------------------------|----------------------------|---------------------------|---|
| FON  | Font File                            | Microsoft                  | Application               |   |
| FOV  | Foveon Raw Format                    | Foveon                     | Digital camera RAW-Format |   |
| FP5  | Filemaker Pro                        | Filemaker Inc.             | Data base                 |   |
| FPX  | FlashPix Format                      | Kodak                      | Graphic                   |   |
| FRT  | FoxPro File                          | Microsoft                  | Data base                 |   |
| FUJI | Fujifilm Raw Format                  | Fujifilm                   | Digital camera RAW-Format |   |
| GIF  | GIF 87a/89a                          | Compuserve                 | Graphic                   |  |
| GLY  | ACT! Layout                          | Best Software CRM Division | Application               |   |
| GMT  | ACT! Email Template                  | Best Software CRM Division | Application               |   |
| GZ   | gzip Archive (Unix)                  | gzip Org                   | Archive                   |   |
| HHC  | Help File Content                    | Microsoft                  | Application               |   |
| HHP  | Help Project File                    | Microsoft                  | Application               |   |
| HLP  | Windows Help File                    | Microsoft                  | Application               |   |
| HLX  | ATI Radeon Video Driver Support File | ATI                        | Application               |   |
| HQX  | BinHex Compressed File               | Apple                      | Application               |   |
| HRB  | HRB File                             |                            | Miscellaneous             |   |
| HTM  | Hypertext Markup Language            | World Wide Web Consortium  | Internet/Web              |   |
| HXI  | Help 2 Compiled Help File            | Microsoft                  | Application               |   |
| HXX  | Help 2 Keyword Index                 | Microsoft                  | Application               |   |

## File Types and Signatures

|         |                                |                                  |               |   |
|---------|--------------------------------|----------------------------------|---------------|---|
| HXS     | Help 2 Compiled Help File      | Microsoft                        | Application   |   |
| HXW     | HXW File Format                | Microsoft                        | General       |   |
| ICC     | ICC Profile Format File        |                                  | Application   |   |
| ICM     | Image Color Matching File      | Apple                            | Application   |   |
| ICO     | Windows Icon File              | Microsoft                        | Graphic       |    |
| IFF     | Deluxe Paint Image             | Electronic Arts                  | Graphic       |   |
| IME     | Global Input Method Editor     | Microsoft                        | Application   |   |
| IMG     | GEM Paint                      | Digital Research, Inc.           | Graphic       |   |
| IND     | Full-Text Search Index File    | Microsoft                        | Application   |   |
| INDD    | InDesign                       | Adobe                            | Graphic       |   |
| ISU     | Uninstall Script File          | Microsoft                        | Application   |   |
| ITS     | International Translation File | Microsoft                        | Application   |   |
| JP2     | JPEG 2000 File                 | Joint Photographic Experts Group | Graphic       |  |
| JPG     | JPEG (EXIF Format)             | Joint Photographic Experts Group | Graphic       |  |
| JPG     | JPEG (JFIF Format)             | Joint Photographic Experts Group | Graphic       |  |
| JPO     | unknown                        |                                  | Miscellaneous |   |
| KRYPTER | Krypter 2000                   | Krypter                          | Archive       |   |

## File Types and Signatures

|      |  |                               |                           |
|------|--|-------------------------------|---------------------------|
| LBL  | Label file - dBASE IV/Clipper 5/dBFAST | Ashton Tate                   | Application               |
| LBM  | DeluxePaint Bitmap                     | Electronic Arts               | Graphic                   |
| LDF  | SQL Server Transaction Log File        | Microsoft                     | Data base                 |
| LIB  | Static Link Library                    | Microsoft                     | Application               |
| LNK  | Windows Shortcut File                  | Microsoft                     | Application               |
| LWP  | Lotus WordPro File                     | Lotus                         | Office Document           |
| LXA  | Office Speech Lexicon File             | Microsoft                     | Application               |
| LZH  | SFX Archiver Format                    | APN Computing                 | Archive                   |
| M4A  | MPEG-4 Audio Layer                     | Moving Pictures Experts Group | Audio                     |
| MB   | Paradox Database                       | Borland                       | Data base                 |
| MCD  | MathCad File                           | MathSoft                      | Document                  |
| MDB  | Access 97/2000/XP/2003                 | Microsoft                     | Data base                 |
| MDF  | SQL Server Master Database File        | Microsoft                     | Data base                 |
| MDZ  | Access Wizard Template                 | Microsoft                     | Office Document           |
| MFL  | MFL File Format                        | Mozilla                       | General                   |
| MID  | MIDI File Format                       | Microsoft                     | Audio                     |
| MINO | Minolta Raw Format                     | Minolta                       | Digital camera RAW-Format |
| MMAS | MMAS File Format                       |                               | General                   |
| MMAT | MMAT File Format                       |                               | General                   |

## File Types and Signatures

| MMMP | MMMP File Format               |                               | General         |
|------|--------------------------------|-------------------------------|-----------------|
| MNY  | Microsoft Money Format         | Microsoft                     | Data base       |
| MOD  | CAD File                       | Dassault Systèmes             | Graphic         |
| MOV  | Quicktime Movie Format         | Apple                         | Movies          |
| MP3  | MPEG 1.0 Layer 3 (V2.0)        | Moving Pictures Experts Group | Audio           |
| MPE  | Media Player Format            | Microsoft                     | Movies          |
| MPG  | MPEG 1 Video                   | Moving Pictures Experts Group | Movies          |
| MPT  | Project Template File          | Microsoft                     | Office Document |
| MSC  | Management Control File        | Microsoft                     | Application     |
| MSI  | Microsoft Installer            | Microsoft                     | Archive         |
| MSM  | Windows Installer Merge Module | Microsoft                     | Application     |
| MSP  | Microsoft Paint                | Microsoft                     | Graphic         |
| NCR  | NCR Image                      | NCR                           | Graphic         |
| NSF  | Lotus Notes Database File      | Lotus                         | Data base       |
| NTF  | Lotus Notes Template File      | Lotus                         | Data base       |
| O2C  | O2C File                       | mb Software AG                | Miscellaneous   |
| OCX  | ActiveX Control File           | Microsoft                     | Application     |
| OEB  | Outlook Express Database File  | Microsoft                     | Mail            |

## File Types and Signatures

|     |                                      |                          |                 |   |
|-----|--------------------------------------|--------------------------|-----------------|---|
| ONE | OneNote 2003                         | Microsoft                | Office Document |   |
| OPA | OPA File Format                      | Psion                    | General         |   |
| PAL | Palette Format                       | Microsoft                | Graphic         |   |
| PBM | Unix Portable Bitmap Graphic         | Free Software Foundation | Graphic         |   |
| PCX | PCX File Format                      | Zsoft                    | Graphic         |    |
| PDB | Visual C++ Program Database File     | Microsoft                | Application     |   |
| PDF | Portable Document Format             | Adobe                    | Document        |   |
| PFB | Font File Format                     | Adobe                    | Application     |   |
| PGM | Portable Graymap Graphic             |                          | Graphic         |   |
| PIC | PC Paint                             | IBM                      | Graphic         |   |
| PIP | Office Personalized Menu and Toolbar | Microsoft                | Application     |   |
| PMD | PageMaker File                       | Adobe                    | Document        |   |
| PNF | Precompiled Setup File Format        | Microsoft                | Application     |   |
| PNG | Portable Network Graphics            | Free Software Foundation | Graphic         |  |
| POC | POC File Format                      | Apple                    | General         |   |
| POL | Windows Policy File                  | Microsoft                | Application     |   |
| POT | PowerPoint Template                  | Microsoft                | Office Document |   |
| PPD | Printer Description File             | Adobe                    | Application     |   |
| PPM | PBM Portable Pixelmap Graphic        | Free Software Foundation | Graphic         |   |

## File Types and Signatures

|      |                                     |                        |                               |   |
|------|-------------------------------------|------------------------|-------------------------------|---|
| PPR  | PowerPlay OLAP File                 | Cognos                 | Data base                     |   |
| PPT  | PowerPoint<br>4.0/97/2000/XP/2003   | Microsoft              | Office Document               |   |
| PPTX | PowerPoint 2007                     | Microsoft              | Office Document               |   |
| PRJ  | PRJ File                            |                        | Miscellaneous                 |   |
| PRT  | Schedule+ Print File                | Microsoft              | Application                   |   |
| PRZ  | Freelance Graphics<br>File          | Lotus                  | Office Document               |   |
| PS   | Postscript                          | Adobe                  | Document                      |   |
| PSD  | Photoshop Graphic                   | Adobe                  | Graphic                       |   |
| PSP  | Paint Shop Pro Graphic              | Jasc Software,<br>Inc. | Graphic                       |  |
| PST  | Outlook<br>97/98/2000/2002/2003     | Microsoft              | Mail                          |   |
| PUB  | Microsoft Publisher Doc-<br>ument   | Microsoft              | Office Document               |   |
| PX   | Paradox Database Pri-<br>mary Index | Borland                | Data base                     |   |
| PXN  | Fotoman Raw Format                  | Logitech               | Digital camera RAW-<br>Format |   |
| PYC  | Python Compiler<br>Script           | Bytecode               | Document                      |   |
| PYD  | Python Dynamic Mod-<br>ule          | Bytecode               | Document                      |   |
| PYI  | PowerPlay                           | Cognos                 | Miscellaneous                 |   |
| QBW  | Quickbooks Data File                | Intuit                 | Data base                     |   |
| QXD  | QuarkXpress                         | Quark                  | Graphic                       |   |
| QXP  | QuarkXpress Project                 | Quark                  | Document                      |   |

## File Types and Signatures

|      |   |                            |             |   |
|------|---|----------------------------|-------------|---|
| RAR  | RAR Archive Format                      | Rarlabs                    | Archive     |   |
| RAS  | Sun Raster Image                        | Sun Microsystems           | Graphic     |   |
| RAW  | RAW RGB 24-bit Graphic                  |                            | Graphic     |   |
| RDF  | RDF File Format                         | Borland                    | General     |   |
| REG  | Windows RegEdit File                    | Microsoft                  | Application |  |
| REP  | ACT! Report Template                    | Best Software CRM Division | Application |   |
| RESX | NET XML Resource Template               | Microsoft                  | Document    |   |
| RGB  | Silicon Graphics RGB Bitmap             | Silicon Graphics           | Graphic     |   |
| RGS  | RGS File Format                         | Microsoft                  | General     |   |
| RLE  | Run Length Encoded Bitmap               |                            | Graphic     |   |
| RLL  | SQL Server Resource Library             | Microsoft                  | Data base   |   |
| RM   | RealPlayer File                         | RealNetworks               | Audio       |   |
| RMI  | MIDI Sequence File                      | Microsoft                  | Audio       |   |
| RTD  | Render File                             | Ragtime                    | Graphic     |   |
| RTF  | Rich Text Format                        |                            | Document    |   |
| RTM  | RTM File Format                         |                            | General     |   |
| SCR  | Windows Screensaver                     | Microsoft                  | Application |   |
| SCT  | SciTex Continuous Tone                  | Kodak                      | Graphic     |   |
| SDB  | Windows Compatibility Solution Database | Microsoft                  | Application |   |

## File Types and Signatures

|     |                                     |                            |                 |   |
|-----|-------------------------------------|----------------------------|-----------------|---|
| SDY | Starmoney File                      | Starmoney                  | Document        |   |
| SFL | SFL File Format                     | Intellifont                | General         |   |
| SKF | AutoSketch File                     | Autodesk                   | Graphic         |   |
| SLN | Visual Studio .NET Solution         | Microsoft                  | Document        |    |
| SNK | SNK File Format                     | Microsoft                  | General         |   |
| SOR | SnapShot File                       | Microsoft                  | Archive         |   |
| STY | STY File Format                     | Microsoft                  | General         |   |
| SUO | Visual Studio Solution User Options | Microsoft                  | Document        |   |
| SWF | Shockwave Flash File                | Macromedia                 | Movies          |   |
| SXC | OpenOffice Spreadsheet              | OpenOffice.org             | Office Document |   |
| SXD | OpenOffice Drawing                  | OpenOffice.org             | Office Document |   |
| SXI | OpenOffice Presentation             | OpenOffice.org             | Office Document |   |
| SXW | OpenOffice Text Document            | OpenOffice.org             | Office Document |   |
| SYS | Windows System File                 | Microsoft                  | Application     |   |
| TAR | TAR Archive                         | Free Software Foundation   | Archive         |   |
| TGA | Truevision Targa Graphic            |                            | Graphic         |  |
| TIF | Tagged Image File Format            | Adobe                      | Graphic         |  |
| TOC | Eudora File                         | Qualcomm                   | Document        |   |
| TPL | ACT! Document Template              | Best Software CRM Division | Application     |   |

## File Types and Signatures

|      |                                |                               |                 |   |
|------|--------------------------------|-------------------------------|-----------------|---|
| TSP  | TSP File Format                | Microsoft                     | General         |   |
| TTF  | TrueType Font                  | Microsoft                     | Application     |   |
| TXT  | Text File                      |                               | Text            |    |
| TXT  | UTF-8 Text File                |                               | Text            |    |
| TXT  | Unicode Text File              |                               | Text            |    |
| TXT  | Unicode Text File (Big Endian) |                               | Text            |    |
| UPP  | UPP File Format                |                               | General         |   |
| USER | USER File Format               |                               | General         |   |
| VB   | Visual Basic File              | Microsoft                     | Application     |    |
| VBP  | Visual Basic Project           | Microsoft                     | Document        |   |
| VMC  | Virtual PC Virtual Machine     | Microsoft                     | Application     |   |
| VMDK | VMware Virtual Disk File       | VMware                        | Application     |   |
| VMX  | VMware Image File              | VMware                        | Application     |   |
| VOB  | DVD Video Movie File           | Moving Pictures Experts Group | Movies          |   |
| VRD  | Visio Resource File            | Microsoft                     | Office Document |   |
| VSD  | Microsoft Visio Document       | Microsoft                     | Office Document |   |
| VSS  | Visio Stencil                  | Microsoft                     | Office Document |   |
| VST  | Visio Template                 | Microsoft                     | Office Document |   |
| VSZ  | Visual Studio Extension        | Microsoft                     | Application     |  |

## File Types and Signatures

|      |                                  |           |                 |   |
|------|----------------------------------|-----------|-----------------|---|
| WAB  | Outlook Address Book             | Microsoft | Mail            |   |
| WAV  | Windows Audio                    | Microsoft | Audio           |   |
| WBMP | Wireless Bitmap File Format      |           | Graphic         |   |
| WFA  | "Symantec WinFax PRO Document "  | Symantec  | Document        |   |
| WID  | WID File Format                  | Ventura   | General         |   |
| WIM  | WIM File Format                  | Microsoft | General         |   |
| WIZ  | Word Wizard File                 | Microsoft | Application     |   |
| WK3  | Lotus 123 File (V3.0)            | Lotus     | Office Document |   |
| WK4  | Lotus 123 File (V4.0)            | Lotus     | Office Document |   |
| WMA  | Windows Media Audio File         | Microsoft | Audio           |   |
| WMF  | Windows Metafile Format          | Microsoft | Graphic         |  |
| WMV  | Windows Audio/Movie File         | Microsoft | Movies          |   |
| WPD  | WordPerfect Document             | Corel     | Office Document |   |
| WPG  | WordPerfect Bitmap/Vector        | Corel     | Graphic         |   |
| WPL  | Windows Media Player Playlist    | Microsoft | Application     |   |
| WRI  | Windows Write File               | Microsoft | Document        |   |
| XBM  | X Bitmap Graphic                 |           | Graphic         |   |
| XGn  | Paradox Database Secondary Index | Borland   | Data base       |   |
| XLA  | Excel Add-in                     | Microsoft | Application     |   |

## File Types and Signatures

|      |                                  |                           |                 |   |
|------|----------------------------------|---------------------------|-----------------|---|
| XLS  | Excel<br>5.0/97/2000/XP/2003     | Microsoft                 | Office Document |   |
| XLSX | Excel 2007                       | Microsoft                 | Office Document |   |
| XLT  | Excel Template                   | Microsoft                 | Office Document |   |
| XML  | XML File                         | World Wide Web Consortium | Internet/Web    |  |
| XPG  | XPG File Format                  |                           | General         |   |
| XPM  | X Pixmap Graphic                 |                           | Graphic         |  |
| XPT  | XPT File Format                  |                           | General         |   |
| XSN  | XSN File Format                  |                           | General         |   |
| XWD  | XWD File Format                  | Microsoft                 | General         |   |
| Xnn  | Paradox Database Secondary Index | Borland                   | Data base       |   |
| YGn  | Paradox Database Secondary Index | Borland                   | Data base       |   |
| Ynn  | Paradox Database Secondary Index | Borland                   | Data base       |   |
| ZIC  | Zooimage                         |                           | Text            |   |
| ZIP  | ZIP Archive                      | Winzip                    | Archive         |   |
| ZOO  | ZOO 2.00/2.10                    |                           | Archive         |   |

The listed company and product names are trademarks of the corresponding owner.

## Data Scan and Recovery Optimization

With O&O DiskRecovery you have a lot of control over the speed and precision of the program's operations. The more detailed you set the scan, the better the restoration results. Please note that a complete and in-depth scan can take some time. It is possible, however, for a scan to be run completely without any user interaction. This can spare you time-consuming interaction with the computer while the scan is being run.

We recommend the activation of the options O&O SmartScan and O&O DeepScan. If this should not render the desired results, you should also activate O&O RawScan and repeat the scan.

You can repeat the scan as many times as you would like with as many different settings as you would like. Because O&O DiskRecovery is only reading the storage media, there is no danger of data loss occurring.

### More:

[Quicker Scanning with O&O SmartScan](#)

[More precise scan with O&O DeepScan](#)

[Leaving out file system with O&O RawScan](#)

### Quicker Scanning with O&O SmartScan

A common problem that occurs with data recovery is that not only deleted files are recovered. You have to filter through those files that already exist on your system, while looking for deleted files.

With the one-of-a-kind option O&O SmartScan you can hide existing files automatically so that only deleted files are looked for and restored. This can greatly accelerate the data recovery process, depending on the settings.

- You enable/disable this option in the dialogue Advanced options for the search **Additional settings/Adapt settings/General**. This option is set by default.

**Note:** this option is only available, if you run a search through a partition. If you have selected a device (hard disk, USB Stick etc.), the option O&O SmartScan is not available.

### More precise search with O&O DeepScan

Often very small files are not recognized and restored by data recovery programs. Moreover, those files that are found are sometimes restored as much larger files. This can lead to errors in the file's operation. This not only increases how much storage capacity is consumed, but can also lead to undesired results.

The O&O DeepScan technology scans for all files located on your storage media with a special emphasis on finding especially small files. O&O DiskRecovery also tries to identify the correct size of the files so that wasted disk space and errors can be avoided.

- You enable/disable this option in the dialogue Advanced options for the search **Additional settings/Adapt settings/General**. This option is set by default.

## Leaving out file system with O&O RawScan

With the option O&O RawScan you can restore files from partitions, which have been formatted before. If a partition on which you would like to restore deleted data with a new file system (e.g. FAT and now NTFS), then you can direct O&O DiskRecovery with this option to not consider this file system. This enables the recovery of data on a system-wide level and therefore offers the more precise possibility for data recovery.

- You activate/deactivate this option in the dialogue **Selection of search technique/Adapt settings/General**. This option is set by default.

**Note:** this option is only available, if you run a search through a partition. If you have selected a device (hard disk, USB-Stick etc.) , you don't have the option O&O RawScan available.

## Starting O&O DiskRecovery Without Prior Installation

If, during an emergency, O&O DiskRecovery is not yet installed on your computer, O&O DiskRecovery offers you the possibility of running an Instant-Installation. The Instant-Installation is not system bound. In combination with a removable disk (portable disk) the possibility exists to start O&O DiskRecovery "instant" on a second computer and to select a target folder for the "Instant-Installation" on the removable disk (USB-Stick, external hard disk). You can connect the disk with the computer, from which you want to rescue data afterwards, and start O&O DiskRecovery from there. You will completely avoid the installation on your target computer, which possibly might overwrite important data areas of the hard disk, and would thus make data rescue efforts very difficult or even impossible.

**Note:** To execute the Instant-Installation correctly, you will need a second computer and a portable disk or a network connection from which you can access the target computer.

**Note:** If you execute the Instant-Installation on the same computer from which you want to rescue data, you should bear in mind that starting the installation might overwrite important data areas. We therefore recommend to use a second computer and a portable disk for the Instant-Installation.

**Note:** Should you have already fully installed O&O DiskRecovery on a computer, then you cannot carry out an Instant Installation on this machine. As a result, the Instant Installation pop-up window will not appear.

### More:

[Run Instant-Installation](#)

[License to Use O&O InstantDiskRecovery](#)

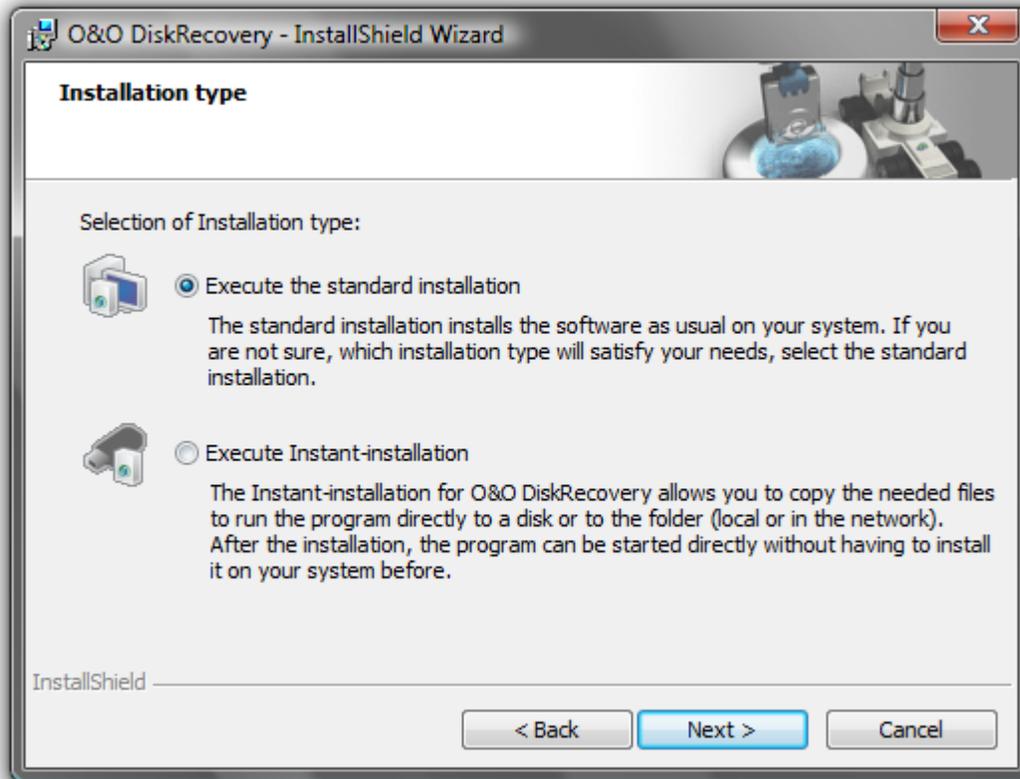
## Run Instant-Installation

Run Instant-Installation, if you have already lost data involuntarily and have not installed O&O DiskRecovery on your computer yet.

**Note:** To run the Instant-Installation correctly, you will need a second computer and a portable disk or a network connection from which you can access the target computer.

1. Place the O&O-DiskRecovery-CD in the CD/DVD drive of the second computer or download the installation file from our web server.
2. If you want to use a portable disk (instead of a network connection) for the installation, connect it to the second computer before starting the installation.
3. Start the installation file (\*.exe) and select Instant-Installation in the dialogue.
4. Set the portable disk as target and follow the dialogue prompts to finish the installation.
5. after a successful installation, connect the portable disk to the target computer where you want to rescue data.

6. Start O&O Instant DiskRecovery from there and enter the [license code](#) when asked, which you have received upon purchase of the software.
7. Execute the data rescue as described in chapter [Getting started](#).



Instant-Installation

## License to Use O&O InstantDiskRecovery

With the purchase of the license for O&O DiskRecovery you have also acquired a license for the Instant-Installation. It basically is the "emergency version" of O&O DiskRecovery, which you can use on a different computer, then on the one where O&O DiskRecovery is installed.

Because a single license may only be used on one computer, you will be required to do the following:

1. Open O&O DiskRecovery from the emergency disk on the computer on which you would like to restore one or more deleted file(s).
2. Enter the license code for O&O DiskRecovery. This license now exclusively belongs to this computer!

Once the data restoration has completed, you now can install the full version of O&O DiskRecovery onto this computer. Please note that such an use of this software is not allowed and is against the license agreement. If you would like to use O&O DiskRecovery on multiple computers, it is possible to purchase a multi-user license. Our Sales team would be more than happy to assist with this free of charge and obligation.

## Support und Contact

To receive more information about O&O DiskRecovery, please visit our website, <http://www.oo-software.com> and get the latest information about product developments and support. Also included on our website are regularly updated FAQs and Knowledge Bases that address the most common problems and questions regarding our products.

All registered customers receive installation support, free of charge, for the first 30 days after registration. When contacting our Support Team, please do not forget to have your registration code available.

In addition, it may be helpful to read our frequently asked questions (FAQ) section of our website before you contact our support department. It is always possible that your specific question or problem may have already been addressed.

### O&O Software GmbH

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E-Mail: [support@oo-software.com](mailto:support@oo-software.com)

### Authorized Resellers

Authorized Resellers Our authorized reseller partners in over 30 countries stand ready to assist you with answers to all questions regarding the licensing and purchase of our software products. Their names and addresses may be found on our website, under the heading "Partner – Find Resellers". We would also be more than happy to assist you in finding the partner closest to you.

# End user license agreement 2.1 (EULA)

O&O Software

General and Specialized Section

## General Section

IMPORTANT – PLEASE READ CAREFULLY

This End User License Agreement (EULA) is organized into 2 sections: a general part, which is valid for all O&O products, and a specialized part, which includes the particular terms of each corresponding product. By accepting both parts of the license terms they automatically form part of your contract with O&O Software, Am Borsigturm 48, 13507 Berlin. If you have any questions regarding this contract and the license terms, our Service Team is available to help you under [info@oo-software.com](mailto:info@oo-software.com).

The software product is protected by copyright laws and international copyright contracts as well as other laws and agreements concerning intellectual property.

### 1. Object and form of delivery

(1) You receive the software covered by the contract in executable form (Binary code) together with the relevant documentation released by O&O according to Section (6).

(2) The software provides the range of functions described in the given documentation. The documentation regarding functionality may be consulted prior to concluding the contract in the internet presentation on the following site <http://www.oo-software.com/>.

(3) Delivery will be made according to the way in which you have purchased the software, either by having a disk directly handed over or sent by mail to an address you have supplied or through the forwarding of license as well as any required download information to a given E-mail address.

(4) If you are currently receiving updates as part of a maintenance agreement, these will continue to be supplied in the same way as the initial software delivery, i.e., for a disk sent by mail, a disk containing the update will be sent to the given address: for electronically delivered keys, a key for downloading updates will be sent to the given E-mail address.

(5) Changes to the delivery or E-mail address can only be taken into consideration when they are supplied in writing or by E-mail to the address or E-mail address indicated on <http://www.oo-software.com> at least two weeks before delivery of the update.

(6) A printed copy of the documentation will not be included in delivery. The documentation consists primarily of electronic aids.

### 2. Requirements for application (system requirements)

(1) Installation of the software is not part of the agreement.

(2) Depending on the software, there are certain system requirements that must be met in order to use the software according to the terms of this contract. These will be defined according to each product in the specialized section of this contract.

### 3. Rights of use, including test versions, unauthorized transfer, and application

(1) O&O grants you, upon payment of the agreed one-time fee, a permanent, spatially unlimited and non-exclusive right to use the software.

(2) Test versions – if you have installed a test version of one of our products taken from the O&O Website <http://www.oo-software.com/>, the right of use will be, according to the program, for a limited time only and/or technically restricted.

(3) One copy of the software is entitled to be used on a maximum of one (1) output device/workstation simultaneously.

(4) If you want to use the software on more than one output device/workstation, the rights of use must be extended accordingly. To find out which O&O products are also available as volume licenses, please consult (<http://www.oo-software.com/>). The separate price list concerning O&O Volume Licenses will apply to extending the rights of use without redelivery.

(5) Any use beyond that agreed upon in the contract is one in violation of the contract. In such a case, you are required to report this use that exceeds the rights of use to the supplier without any delay. The parties will then try to bring about an agreement for extending the rights of use. For the duration of the excessive usage, i.e., until the conclusion of such an agreement or the cessation of the excessive usage, you are required to pay compensation for this excessive usage according to the amount indicated in our price lists. The amount of compensation will be calculated on the basis of a four year, straight-line depreciation. If we are not informed of the excessive usage, a contract penalty in the amount three times the price of the usage indicated in the price list will be due O&O.

(6) You are entitled to create a backup copy of the software and to conduct ordinary data backups. The creation of more copies than the amount needed for the backing up of any future usage (including the backup copies and data backups) is not allowed.

(7) Copyrights and other trademarks within the software may not be altered or removed. They must be transferred onto every copy of the software.

(8) Unauthorized transfer – only when you have purchased the software with an accompanying disk are you permitted to transfer it and then, only under the following conditions: a resale of the software is only permitted when it involves an entire software copy, i.e., by surrendering your own usage of the purchased copy, you are entitled to transfer these rights of use of the disk onto a third party according to the terms of the agreement existing between you and O&O. When making such a transfer, you are required to hand over to the third party all materials related to the software that are covered in the contract and to delete the software from any storage volumes (e.g., hard disks) remaining in your possession.

(9) Unauthorized rental and service – The purchase of this contract does not entitle you to any public transfer or rental of the software. You are also not entitled to include the software as part of your providing services for and in the presence of any third parties. You may purchase an appropriate license from O&O for doing this.

#### **4. Payment**

(1) The prices are given with the corresponding sales taxes included, unless otherwise indicated.

(2) Test versions – Downloads of test versions offered by O&O are provided free of charge, unless otherwise indicated.

(3) If you receive updates of your programs as part of a Maintenance Agreement, the terms of payment in these contracts will apply to these Maintenance Agreements.

(4) O&O is entitled to forward any data it has received onto third parties requiring it for purposes of collection.

(5) Until payment is made in full, O&O retains possession of all rights, particularly those concerning copyrighted rights of use, on the materials included in this contract. O&O is specifically entitled to cancel a contract, for example, when your payment is delayed, it prohibits the further using of the software and demands the surrendering of all copies or this being impossible, to demand their deletion. Should a third party have access to the object of purchase before payment is completed for the contractual software, you are required to inform this third party about the object being the property of O&O and to inform O&O, in writing, about the third party's access.

### **5. Material defect and defect of title**

(1) The software package or download you receive is free of any material defect or defect of title.

(2) A material defect exists when the software is unable to be used as described in the documentation appearing on the website and included in delivery or available for downloading.

O&O is constantly checking to make sure that other sources are not misrepresenting the functions and properties of the software as described in the documentation. You can therefore assume that any descriptions beyond those found in the software documentation have not originated with O&O and are also unknown to it. Please inform O&O if you learn of any software descriptions that include functions and properties not mentioned in the documentation.

(3) Please inform O&O if you learn of any software descriptions that include functions and properties not mentioned in the documentation.

(4) Any claims concerning defects of material and/or title related to the software have a limitation period of two years subsequent to delivery of the program or transmission of the serial number needed for downloading. If you are not a private individual, the warranty period is shortened to one year.

If O&O has fraudulently concealed a material defect, a three year limitation period will cover claims related to this defect.

Payment for compensation that you might have been entitled to as a result of cancellation or an abatement can be refused upon expiration of the limitation period.

(5) You are required to inform O&O, in writing if possible, of any defects that arise immediately upon their discovery. While doing so you should also describe, as well as possible, how the defect is communicated, the effect it has on the program, and under which circumstances it occurs.

(6) Should defects be reported to O&O within the limitation period, it will undertake a cure free of charge.

(7) As part of the cure, the corrected software will be redelivered as agreed. An on-site analysis and correction of the error on your system will not take place.

O&O assumes the ensuing expenses for the cure, in particular the costs for transport, labor, and material. You are personally responsible for installation. O&O specifically does not assume on-site installation as part of its obligation with regard to defects of material or title.

Should a change of the program be required as part of the cure, O&O will make the necessary changes in the documentation without any charges.

(8) After the unsuccessful expiration of a deadline you set for cure, you can cancel the contract or reduce the purchase price and demand compensation instead of service or the replacement of any futile expenditures.

(9) A deadline is not required when

- a) O&O refuses both kinds of cure, even if it is entitled to do so as a result of the arising expenses or
- b) the cure is impossible or
- c) the cure is unacceptable to you or
- d) the cure is unsuccessful.

A subsequent improvement is considered a failure after the second unsuccessful attempt unless there is something particular about the type of software or the defect itself or the surrounding circumstances that would indicate otherwise.

(10) You are not entitled to cancel the contract if the defect is negligible, nor may you, in this event, demand compensation instead of full service.

(11) In the event of cancellation, compensation is due for any uses made. The compensation for use will be based on a four year, straight-line depreciation of the purchase price.

(12) As a result of the abatement, the purchase price will be reduced by the amount which is calculated for deducting the defect from the value of the software. The standard used will be its value at the time the contract was concluded. The amount, when necessary, is to be calculated by estimation. As a result of this reduction, any amount larger than that paid for the reduced purchase price will be refunded.

If it turns out that a reported problem did not arise as a result of a defect in the software and if you can be accused of malice or gross negligence, then O&O is entitled to invoice you for: 1) services; 2) the expenses for analysis and; 3) correction of the problem, according to the amount stated in the price list.

(14) The seller's warranty is canceled when changes are made on the software without expressed written consent or when the software is not used as intended or used in an improper software environment, unless you can prove that these facts had nothing to do with the problems that occurred.

## **6. Limitation of compensation**

(1) O&O is liable for compensation for every legal ground to the extent described in the following provisions.

(2) The extent of liability of O&O for damages caused by malice or gross negligence arising from O&O itself or one of its vicarious or legal agents is unlimited.

(3) There is no limit to the extent of liability of O&O or any of its legal or vicarious agents for damages involving injury to life, physical well-being or health, or for simple breach of duty.

(4) There is unlimited liability for damages caused by serious organizational fault on the part of O&O as well as for damages arising from a missing guaranteed characteristic.

(5) For the breach of an essential contractual duty, O&O is liable for damages normally foreseen in a contract when none of the instances in provisions (2) – (4) applies.

(6) Any further liability for compensation is excluded, specifically excluded is liability without fault.

(7) Liability as defined by the product liability law remains untouched.

(8) If damage can be traced to have arisen through a fault on the part of O&O as well as on the part of yourself, you must have your share of the fault evaluated.

You are responsible for making a standard backup of your data at least once a day. For data loss caused by O&O, O&O is only liable for the expense of duplicating the data on your backup copies that need to be created and for the restoration of data which would have also been lost during a standard backup procedure.

## **7. Final provisions**

(1) You may only balance claims from O&O with indisputable or legally valid claims.

(2) Changes and amendments to this contract must be made in writing. This also applies to changes to this provision.

(3) The contract is subject to German law. The uniform UN purchasing law (CISG) as well as the UNIDROIT Factoring Agreement of Ottawa do not apply.

(4) Any general terms and conditions on your part will not be applied.

In the event you are not a private individual or a resident of the Federal Republic of Germany, we agree that the district court in Berlin will be the competent court for litigation arising from this contract.

## **8. Contact**

If you have any questions concerning the O&O Software License Agreement or wish to speak with O&O, please get in touch with us.

O&O Software GmbH, Am Borsigturm 48, 13507 Berlin, Germany.

Tel. +49 (0)30 4303 4303, Fax +49 (0)30 4303 4399

E-Mail [info@oo-software.com](mailto:info@oo-software.com) / [sales@oo-software.com](mailto:sales@oo-software.com), Web [www.oo-software.com](http://www.oo-software.com)

## **Special section**

### **O&O BlueCon**

Important note on the Windows PE Start CD

The Microsoft® Windows™ Preinstallation Environment contained in this hardware or this software may only be used for starting, diagnosing, setup, restoration, installation, configuration, testing or disaster recovery.

NOTE: THIS SOFTWARE CONTAINS A SECURITY FEATURE THAT WILL CAUSE END USER'S SYSTEM TO REBOOT WITHOUT PRIOR NOTIFICATION TO THE END USER AFTER 72 HOURS OF CONTINUOUS USE.

## End user license agreement 2.1 (EULA)

### Amendment to: 2. Requirements for application (system requirements)

The software requires the Windows 2000 (all Editions), Windows Server 2003 (all Editions), Windows XP (all Editions), Windows Vista (all Editions) or Windows Server 2008 (all Editions) operating systems. Usage within the terms of this contract is not achieved without the application of these operating systems.

The product at hand can only be employed according to the acquired license. The following license types exist for O&O BlueCon:

#### O&O BlueCon Admin Edition

You are authorized to install and use the software product on all computers a) in the possession of the company (legal person or natural person(s) in the case of corporations) owning the license and b) all located at a single site. This license is bound to a single natural person and is non-transferable.

#### O&O BlueCon Tech Edition

You are authorized to install and use the software product on all computers. This includes computers that do not belong to the company owning the license (also known as Service Technician's License). This license is bound to a single natural person and is non-transferable.

### **O&O CleverCache**

#### Amendment to: 2. Requirements for application (system requirements)

#### O&O CleverCache Professional Edition

The software requires the Windows XP (all Editions), Windows Vista (all Editions) or Windows 7 (all Editions) operating systems. Usage within the terms of this contract is not achieved without the application of these operating systems.

#### O&O CleverCache Server Edition

The software requires Windows Server 2003 (all Editions), Windows XP (all Editions), Windows Vista (all Editions), Windows Server 2008 (all Editions), Windows 7 (all Editions) or Windows Server 2008 R2 (all Editions) operating systems. Usage within the terms of this contract is not achieved without the application of these operating systems.

### **O&O Defrag**

#### Amendment to: 2. Requirements for application (system requirements)

#### O&O Defrag Professional Edition

The software requires the Windows 2000 Professional or Windows XP (all Editions), Windows Vista (all Editions) or Windows 7 (all Editions) operating systems. Usage within the terms of this contract is not achieved without the application of these operating systems. Control of the program through a network management is not possible.

#### O&O Defrag Workstation Edition

The software requires the Windows 2000 Professional, Windows XP (all Editions), Windows Vista (all Editions) or Windows 7 (all editions) operating systems. Usage within the terms of this contract is not achieved without the application of these operating systems. The O&O Defrag Workstation Edition may

be used on computers with or without the user interface. You are entitled to control this program over the separately obtainable network manager.

#### O&O Defrag Server Edition

The software requires the Windows 2000 (all Editions), Windows Server 2003 (all Editions), Windows XP (all Editions), Windows Vista (all Editions), Windows Server 2008 (all Editions), Windows 7 (all Editions) or Windows Server 2008 R2 (all Editions) operating systems. Usage within the terms of this contract is not achieved without the application of these operating systems. The O&O Defrag Server Edition may be used on computers with or without the user interface. You are entitled to control this program over the separately obtainable network manager.

#### **O&O DiskImage**

##### Important note on the Windows PE Start CD

This note is only valid for the O&O DiskImage Professional and the Server Edition Start CD. The Microsoft® Windows™ Preinstallation Environment (Windows PE) is not a part of O&O DiskImage Express and the Workstation Edition!

The Microsoft® Windows™ Preinstallation Environment contained in this hardware or this software may only be used for starting, diagnosing, setup, restoration, installation, configuration, testing or disaster recovery.

**NOTE: THIS SOFTWARE CONTAINS A SECURITY FEATURE THAT WILL CAUSE END USER'S SYSTEM TO REBOOT WITHOUT PRIOR NOTIFICATION TO THE END USER AFTER 72 HOURS OF CONTINUOUS USE.**

Amendment to: 2. Requirements for application (system requirements)

#### O&O DiskImage Express Edition

The software requires the Windows 2000 Professional or Windows XP (all Editions), Windows Vista (all Editions) or Windows 7 (all Editions) operating systems. Usage within the terms of this contract is not achieved without the application of these operating systems. Control of the program through a network management is not possible.

#### O&O DiskImage Professional Edition and Special Edition

The software requires the Windows 2000 Professional or Windows XP (all Editions), Windows Vista (all Editions) or Windows 7 (all Editions) operating systems. Usage within the terms of this contract is not achieved without the application of these operating systems. Control of the program through a network management is not possible.

#### O&O DiskImage Workstation Edition

The software requires the Windows 2000 Professional or Windows XP (all Editions), Windows Vista (all Editions) or Windows 7 (all Editions) operating systems. Usage within the terms of this contract is not achieved without the application of these operating systems. The O&O DiskImage Workstation Edition may be used on computers with or without the user interface. You are entitled to control this program over the separately obtainable network manager.

#### O&O DiskImage Server Edition

## End user license agreement 2.1 (EULA)

The software requires the Windows 2000 (all Editions), Windows Server 2003 (all Editions), Windows XP (all Editions), Windows Vista (all Editions), Windows Server 2008 (all Editions), Windows 7 (all Editions) or Windows Server 2008 R2 (all Editions) operating systems. Usage within the terms of this contract is not achieved without the application of these operating systems. The O&O DiskImage Server Edition may be used on computers with or without the user interface. You are entitled to control this program over the separately obtainable network manager.

Amendment to: 3. Rights of use, including test versions, unauthorized transfer, and application

Creation and restoration of images

The source computer and each target computer are required to hold licenses, to create and restore images using O&O DiskImage. One license is sufficient under the previously mentioned terms, if the source and the target computer is one non-virtual workstation. Each virtual machine is seen as an independent computer; in other words, each virtual machine needs its own license.

### **O&O DiskRecovery**

Amendment to: 2. Requirements for application (system requirements)

The software requires the Windows 2000 (all Editions), Windows Server 2003 (all Editions), Windows XP (all Editions), Windows Vista (all Editions), Windows Server 2008 (all Editions), Windows 7 (all Editions) or Windows Server 2008 R2 (all Editions) operating systems. Usage within the terms of this contract is not achieved without the application of these operating systems.

The product at hand can only be employed according to the acquired license. The following license types exist for O&O DiskRecovery:

#### O&O DiskRecovery Personal Edition

You are authorized to install and use the software product on only one computer. Other limitations may apply in the software itself. Please consult the software documentation for more information on these limitations.

#### O&O DiskRecovery Admin Edition

You are authorized to install and use the software product on all computers

a) in the possession of the company (legal person or natural person(s) in the case of corporations) owning the license and b) all located at a single site. This license is bound to a single natural person and is non-transferable.

#### O&O DiskRecovery Tech Edition

You are authorized to install and use the software product on all computers. This includes computers that do not belong to the company owning the license (also known as Service Technician's License). This license is bound to a single natural person and is non-transferable.

### **O&O DiskStat**

Amendment to: 2. Requirements for application (system requirements)

#### O&O DiskStat Professional Edition

## End user license agreement 2.1 (EULA)

The software requires the Windows 2000 Professional or Windows XP (all Editions), Windows Vista (all Editions) or Windows 7 (all Editions) operating systems. Usage within the terms of this contract is not achieved without the application of these operating systems.

### O&O DiskStat Workstation Edition

The software requires the Windows 2000 Professional or Windows XP (all Editions), Windows Vista (all Editions) or Windows 7 (all Editions) operating systems. Usage within the terms of this contract is not achieved without the application of these operating systems. The O&O DiskStat Workstation Edition may be used on computers with or without the user interface. You are entitled to control this program over the separately obtainable network manager.

### O&O DiskStat Server Edition

The software requires the Windows 2000 (all Editions), Windows Server 2003 (all Editions), Windows XP (all Editions), Windows Vista (all Editions), Windows Server 2008 (all Editions), Windows 7 (all Editions) or Windows Server 2008 R2 (all Editions) operating systems. Usage within the terms of this contract is not achieved without the application of these operating systems.

### **O&O DriveLED**

Amendment to: 2. Requirements for application (system requirements)

The software requires the Windows 2000 (all Editions), Windows Server 2003 (all Editions), Windows XP (all Editions), Windows Vista (all Editions), Windows Server 2008 (all Editions), Windows 7 (all Editions) or Windows Server 2008 R2 (all Editions) operating systems. Usage within the terms of this contract is not achieved without the application of these operating systems.

### **O&O Enterprise Management Console**

Important note on the Microsoft SQL Server

This product uses the Microsoft SQL Server or Microsoft SQL Server Express Edition. To the extent that these programs are part of the installation of this product, the terms of their licensing related to the use of this software will also apply to the terms of this agreement.

The use of Microsoft SQL Server Express Edition is free of charge in conjunction with this product. The purchase of licenses for O&O Enterprise Management Console and related products is separate from any possible purchase of SQL Server products.

Amendment to: 2. Requirements for application (system requirements)

The software requires the Windows 2000 (all Editions), Windows Server 2003 (all Editions), Windows XP (all Editions), Windows Vista (all Editions), Windows Server 2008 (all Editions), Windows 7 or Windows Server 2008 R2 operating systems. Usage within the terms of this contract is not achieved without the application of these operating systems.

### **O&O FormatRecovery**

Amendment to: 2. Requirements for application (system requirements)

The software requires the Windows 2000 (all Editions), Windows Server 2003 (all Editions), Windows XP (all Editions), Windows Vista (all Editions) or Windows Server 2008 (all Editions) operating systems. Usage within the terms of this contract is not achieved without the application of these operating systems.

## End user license agreement 2.1 (EULA)

The product at hand can only be employed according to the acquired license. The following license types exist for O&O

FormatRecovery:

### O&O FormatRecovery Personal Edition

You are authorized to install and use the software product on only one computer. Other limitations may apply in the software itself. Please consult the software documentation for more information on these limitations.

### O&O FormatRecovery Admin Edition

You are authorized to install and use the software product on all computers a) in the possession of the company (legal person or natural person(s) in the case of corporations) owning the license and b) all located at a single site. This license is bound to a single natural person and is non-transferable.

### O&O FormatRecovery Tech Edition

You are authorized to install and use the software product on all computers. This includes computers that do not belong to the company owning the license (also known as Service Technician's License). This license is bound to a single natural person and is non-transferable.

## **O&O MediaRecovery**

Amendment to: 2. Requirements for application (system requirements)

The software requires the Windows 2000 (all Editions), Windows Server 2003 (all Editions), Windows XP (all Editions), Windows Vista (all Editions) or Windows Server 2008 (all Editions) operating systems. Usage within the terms of this contract is not achieved without the application of these operating systems.

## **O&O PartitionManager**

Important note on the Windows PE Start CD

The Microsoft® Windows™ Preinstallation Environment contained in this hardware or this software may only be used for starting, diagnosing, setup, restoration, installation, configuration, testing or disaster recovery.

NOTE: THIS SOFTWARE CONTAINS A SECURITY FEATURE THAT WILL CAUSE END USER'S SYSTEM TO REBOOT WITHOUT PRIOR NOTIFICATION TO THE END USER AFTER 72 HOURS OF CONTINUOUS USE.

Amendment to: 2. Requirements for application (system requirements)

### O&O PartitionManager Professional Edition

The software requires the operating systems Windows 2000 Professional, Windows XP (all Editions), Windows Vista (all Editions) or Windows 7 (all Editions). Usage within the terms of this contract is not achieved without the application of these operating systems.

## **O&O RegEditor**

Important note for working with the Microsoft Windows Registry

## End user license agreement 2.1 (EULA)

Before making changes to the Microsoft Windows Registry (in the following Registry), you should prepare a backup copy of the Registry and ensure that you'll be able to restore the Registry if a problem should arise.

O&O formally declares that it is not responsible for damages arising from the improper use of O&O RegEdit. Changes to the Registry should only be made by experienced users who are aware of the consequences of such changes. A defective Registry can influence the entire stability of the system and lead to a crash of the computer or make it unable to start. This can further lead to loss of data.

Amendment to: 2. Requirements for application (system requirements)

The software requires the Windows 2000 (all Editions), Windows Server 2003 (all Editions), Windows XP (all Editions), Windows Vista (all Editions) or Windows Server 2008 (all Editions) operating systems. Usage within the terms of this contract is not achieved without the application of these operating systems.

Amendment to: 4. Payment

O&O demands no fee for the use of this license. In addition, a fee for this license and this program may not be demanded by any Third Parties, unless this is done with the expressed approval of O&O. When in doubt, please get in touch with us.

### **O&O RescueBox**

Important note on the Windows PE Start CD

The Microsoft® Windows™ Preinstallation Environment contained in this hardware or this software may only be used for starting, diagnosing, setup, restoration, installation, configuration, testing or disaster recovery.

NOTE: THIS SOFTWARE CONTAINS A SECURITY FEATURE THAT WILL CAUSE END USER'S SYSTEM TO REBOOT WITHOUT PRIOR NOTIFICATION TO THE END USER AFTER 72 HOURS OF CONTINUOUS USE.

Amendment to: 2. Requirements for application (system requirements)

The software requires the Windows 2000 (all Editions), Windows Server 2003 (all Editions), Windows XP (all Editions), Windows Vista (all Editions) or Windows Server 2008 (all Editions) operating systems. Usage within the terms of this contract is not achieved without the application of these operating systems.

The product at hand can only be employed according to the acquired license. The following license types exist for O&O RescueBox:

#### O&O RescueBox Personal Edition

You are authorized to install and use the software product on only one computer. Other limitations may apply in the software itself. Please consult the software documentation for more information on these limitations.

#### O&O RescueBox Admin Edition

You are authorized to install and use the software product on all computers a) in the possession of the company (legal person or natural person(s) in the case of corporations) owning the license and b) all located at a single site. This license is bound to a single natural person and is non-transferable.

#### O&O RescueBox Tech Edition

## End user license agreement 2.1 (EULA)

You are authorized to install and use the software product on all computers. This includes computers that do not belong to the company owning the license (also known as Service Technician's License). This license is bound to a single natural person and is non-transferable.

### **O&O SafeErase**

Amendment to: 2. Requirements for application (system requirements)

The software requires the Windows 2000 (all Editions), Windows Server 2003 (all Editions), Windows XP (all Editions), Windows Vista (all Editions), Windows Server 2008 (all Editions), Windows 7 (all Editions) or Windows Server 2008 R2 (all Editions) operating systems. Usage within the terms of this contract is not achieved without the application of these operating systems.

### **O&O UnErase**

Amendment to: 2. Requirements for application (system requirements)

The software requires the Windows Server 2003 (all Editions), Windows XP (all Editions), Windows Vista (all Editions), Windows Server 2008 (all Editions), Windows 7 (all Editions) or Windows Server 2008 R2 (all Editions) operating systems. Usage within the terms of this contract is not achieved without the application of these operating systems.

The product at hand can only be employed according to the acquired license. The following license types exist for O&O UnErase:

#### O&O UnErase Personal Edition

You are authorized to install and use the software product on only one computer. Other limitations may apply in the software itself. Please consult the software documentation for more information on these limitations.

#### O&O UnErase Admin Edition

You are authorized to install and use the software product on all computers a) in the possession of the company (legal person or natural person(s) in the case of corporations) owning the license and b) all located at a single site. This license is bound to a single natural person and is non-transferable.

#### O&O UnErase Tech Edition

You are authorized to install and use the software product on all computers. This includes computers that do not belong to the company owning the license (also known as Service Technician's License). This license is bound to a single natural person and is non-transferable.