



 **O&O RescueBox 4**
Personal Edition

O&O RescueBox 4
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Introduction

Welcome to the O&O RescueBox!

Thank you for your trust in our products. We are thrilled to present you with the new O&O RescueBox. This product contains three world-class O&O Tools for recovering data:

- O&O UnErase 4
- O&O FormatRecovery 4
- O&O DiskRecovery 4

These programs are available on two CDs: On one as an installable Windows version and on the other as part of boot CD, bootable on systems without any installed operating system. The following chapters have been designed to give you step-by-step instructions on how best to use this product for optimal results. Detailed information on the specific products can be found in the products' User Guides, also contained on these CD ROMs.

The individual products in the O&O RescueBox compliment each other with respect to their limitations and functionality. By owning all three, you have the best chance possible of recovering your lost files quickly and safely.

We hope you enjoy using the O&O RescueBox. If you have any questions regarding our products or licensing, please do not hesitate to contact us.

Your O&O Software Team
www.oo-software.com

Installation and System Requirements

O&O RescueBox Contents

The O&O RescueBox consists of two CDs:

- O&O Recovery CD
- O&O Sampler CD

The O&O Recovery CD contains three full version products:

- O&O UnErase 4
- O&O FormatRecovery 4
- O&O DiskRecovery 4

The **O&O Recovery CD** is a bootable CD which can be used to launch O&O UnErase 4, O&O FormatRecovery 4, and O&O DiskRecovery 4. An installed version of Microsoft Windows is not required.

O&O Sampler CD contains, in addition to the three full version data recovery products, additional O&O products in trial version form. These additional software products require a Windows installation and CANNOT be started directly from the CD.

Differences between O&O UnErase, O&O FormatRecovery and O&O DiskRecovery

O&O DiskRecovery, O&O FormatRecovery, and O&O UnErase are three separate software products that are designed to compliment each other.

If O&O UnErase is unable to find your missing data, O&O FormatRecovery or O&O DiskRecovery could still possibly be of help. Here are a few typical application examples to illustrate the differences between the software programs.

	O&O UnErase	O&O Format-Recovery	O&O Disk-Recovery
Files were accidentally deleted from the Recycle Bin.	x	x	x
A virus or malicious software caused damage to some data and now some files or folders are missing.	x	x	x
A drive was formatted		x	x
Windows is saying that the drive has to be reformatted.		x	x
The storage volume was reformatted and the files were heavily fragmented.		x	
O&O UnErase did not produce the desired results.		x	x
Windows can no longer access the hard drive.			x
No file system is present on the drive.		x	x
O&O FormatRecovery and O&O UnErase did not product the desired results.			x
A new operating system was accidentally installed.			x
Data recovery with O&O products is not possible. The storage volume is defective.	Contact O&O Services by e-mail a: www.oo-services.com		

O&O Sampler CD

The O&O Sampler contains an interactive presentation of O&O Software's current software line. The O&O Sampler CD usually starts automatically as soon as it is inserted into the CD ROM drive.

Using the O&O Sampler, it is possible to install the products contained in the O&O Rescue-Box. In addition, the O&O Sampler gives you access to each product's User's Guide and other useful information about O&O Software's excellent "Tools for Windows".

The other O&O products included on the O&O Sampler can be installed and used as trial versions. Please feel free to test these products for 30 days free of charge and obligation.

System Requirements

The products contained on the O&O Sampler CD are compatible with:

- Windows Vista
- Windows XP
- Windows Server 2003
- Windows 2000

Administrative Privileges

In order to install and run the products on the O&O Sampler CD it is necessary for you to be a member of the local administrator group or possess an equivalent level of privileges. If you are a domain administrator, then you usually possess the adequate level of administrative privileges.

Installation



Note:

The information contained in the following chapter will not be relevant to you if you are using O&O products as part of the O&O Recovery CD. Installation is only necessary if you are planning to use these software products from within Windows.

The products on the O&O RescueBox Sampler CD can be installed individually. Please follow the directions below to install any one of the products:

1. Start the computer on which you would like to have the product installed, load Windows (usually automatic), and log-in as a user with administrative privileges.
2. Insert the O&O Sampler CD "Tools For Windows" from the O&O RescueBox into your CD-ROM drive. The O&O Sampler will start automatically.
3. In the Sampler CD's menu, click on the button labeled "O&O RescueBox" to display the products contained in the O&O RescueBox.
4. Now select the product you would like to have installed from the list and click Install Now. The software will be installed.
5. After the installation software has been successfully initialized, please follow the on-screen instructions to complete the installation.
6. After its successful installation, the product will be launched and its the O&O Registration Assistant will appear.

If a previous version of the product you would like to install is already present on your computer, please uninstall the previous version, before attempting to install the new version.

Upgrade

Note:

The information contained in the following chapter will not be relevant to you if you are using O&O products as part of the O&O Recovery CD. Installation is only necessary if you are planning to use these software products from within Windows.

When upgrading an O&O software product from a previous version to the current one, please take note of the following steps:

1. Please remove the previous version from your computer. The Installation software for the new version can detect the presence of a previous version and will notify you to have it removed.
2. Install the product as described above in the chapter entitled "Installation".
3. After the its successful installation, the new product version will be launched and the O&O Registration Assistant displayed will appear.

Registration

Note:

The information contained in the following chapter will not be relevant to you if you are using O&O products as part of the O&O Recovery CD. Installation is only necessary if you are planning to use these software products from within Windows.

Whenever you start an unregistered O&O product, you will be asked to complete the product's registration and enter a registration code. You may test the software for 30 days free of charge and obligation. By selecting the option "Buy Now", you will be forwarded to the O&O Website for more information on the purchase of your product's full version. The O&O Online Shop offers you the option to purchase software immediately via the internet.

The O&O Registration Assistant allows for a simple and uncomplicated registration process. When you click on **Enter Registration Code**, a dialog box will appear. In the registration dialog you can enter your registration code that you received when you purchased your O&O product. Please make sure that your do not confuse the letter "O" with zeros or enter in any empty spaces.

More in-depth information regarding the registration of individual products contained in the O&O RescueBox can be found in the product's User's Guide.

If you run into any problems during registration, please contact the support team at O&O Software.

Uninstallation



Note:

The information contained in the following chapter will not be relevant to you if you are using O&O products as part of the O&O Recovery CD.

To remove one of the products contained in the O&O RescueBox from your system, open the **Control Panel** under the heading Settings in the Start Menu and double-click the icon **Add or Remove Programs**.

Please select the desired O&O software product from the list of installed software and click on the **Add/Remove-button**.



Note:

Products contained in the O&O RescueBox can only be installed or removed individually. The license keys for the software in the O&O RescueBox are provided after the successful purchase of the software.

O&O Recovery CD

System Requirements

To work with the programs contained in the O&O RescueBox Recovery CD, no installed operating system is necessary.

To start the O&O RescueBox Recovery CD, your computer must have a bootable CD ROM drive installed. It may be necessary to update your computer's BIOS settings.

For more information on making changes to those settings, please consult the documentation for your BIOS from your motherboard's manufacturer.

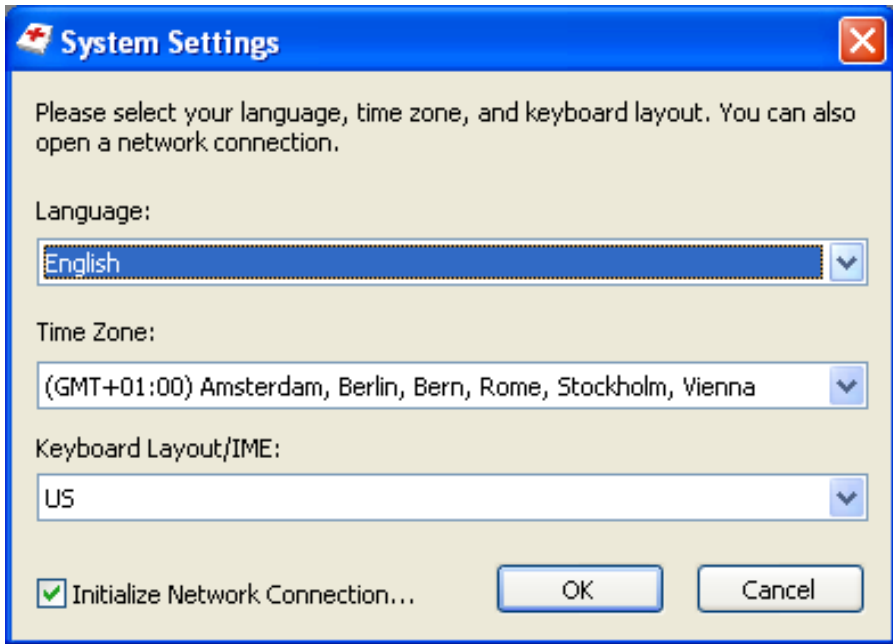
Starting the O&O Recovery CD

Booting from the CD

Please confirm that you system can be booted from the CD. If not, it may be possible to activate this startup function from your system's BIOS. For more information on making changes to those settings, please consult the documentation for your BIOS from your motherboard's manufacturer.

Insert the O&O Recovery CD in your computer's CD/DVD drive.

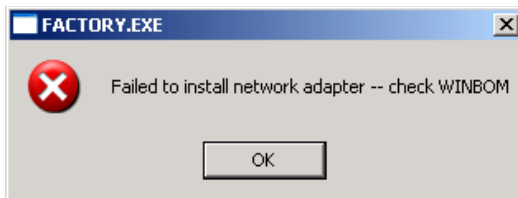
Start or restart your computer. The O&O RescueBox will be started from the O&O Recovery CD. This process could take a few moments to complete. After the software has been loaded, you will be asked to select language, time zone, country, and keyboard layout.



Selecting Your Regional Settings.

At this point it is possible to activate a network connection by selecting the option “Initializing Network Connection...”.

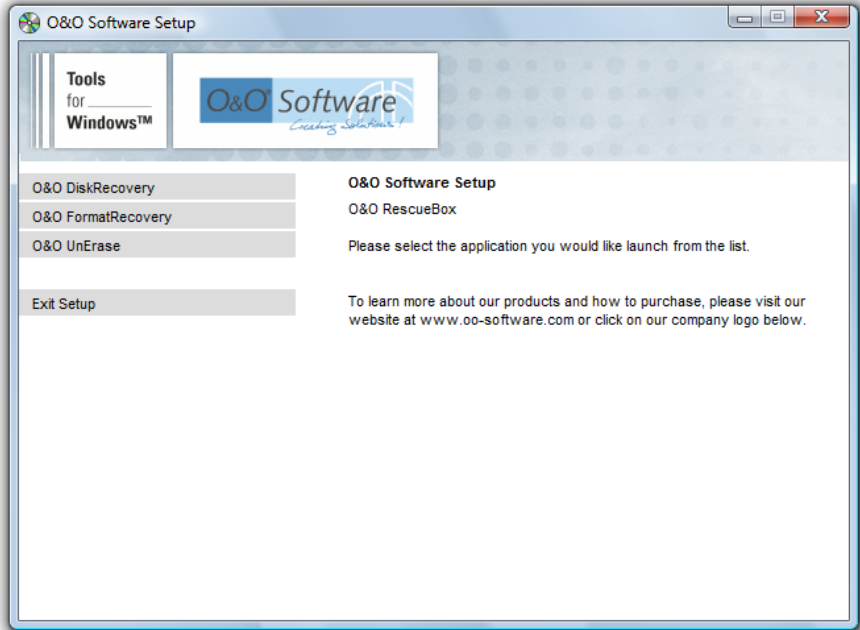
If a network connection cannot be created, it could be due to the fact that your network adapter (card) is not supported. If this is the case, the following error will appear:



Error: Network cannot be initialized.

Starting Programs under Windows

The programs from the O&O Recovery CD can also be started under Windows direct from the CD, with no need for prior installation. To do so, simply insert the O&O Recovery CD into your computers CD/DVD drive once Windows has started. Should the CD fail to start up, you should check your settings and make sure the Windows Autoplay function is activated.



O&O RescueBox First Page

Starting Individual Data Recovery Products

By clicking on a product name in the first page, additional information about that product will appear.

Click then further on the product name in the next page to launch the desired product. To view the help product for this program, click **Show User's Guide**.



Starting Data Recovery Software

Note:
The O&O RescueBox Recovery CD is built using “Windows Preinstalled Edition”. Due to technical limitations, any computer running this operating system longer than 24 hours will be automatically rebooted without warning.

O&O UnErase

About O&O UnErase

Whether it be those accidentally deleted text documents or those great photos from your last vacation: With its Explorer-like file structure, O&O UnErase enables you to navigate through your deleted files as if they had never been deleted. With one click of the mouse you can restore single files or entire folders. Never before was the restoration of deleted files so easy and intuitive to operate. O&O UnErase can restore all data stored on drives recognized and monitored by Windows.

The online software documentation is your best source for all details regarding the operation of O&O UnErase. Access to this documentation can be made through the program group in the Start Menu or through the Help menu in O&O UnErase itself. The software's internal Help file can also be reached by hitting the F1 key while the O&O UnErase is running.



Note:

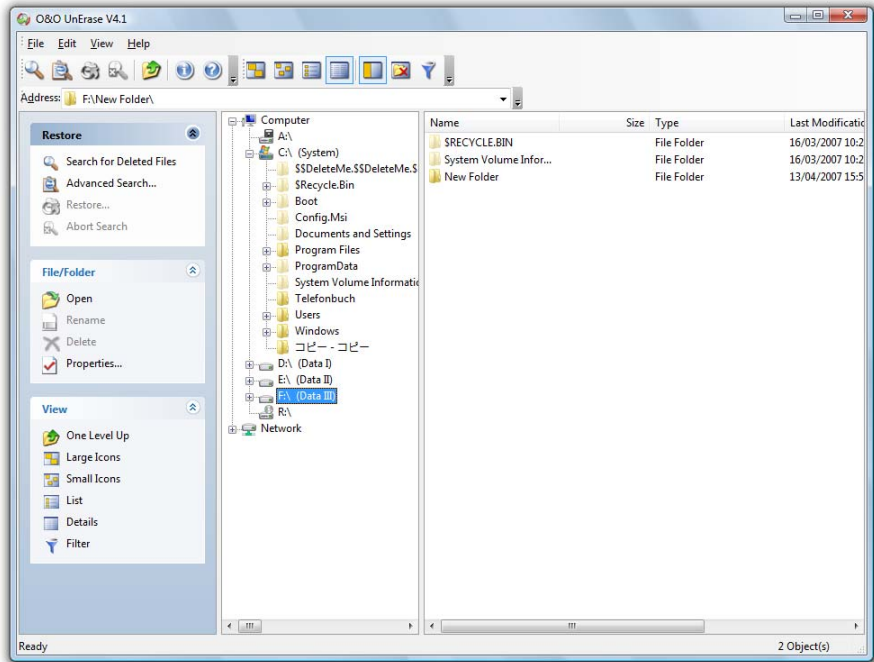
The complete O&O UnErase User's Guide can be found on the O&O RescueBox Sampler CD. To open this file, simply click on "View Userguide" in the O&O Sampler.

Main View

The Main View in O&O UnErase behaves very similarly to Windows Explorer, enabling you to easily use the program with only little or no previous knowledge.

The Main View is divided into three vertically tiled panes:

- **Frequently used commands and settings** are accessible through the pane on the left. These commands are also accessible through the Toolbar or the Context Menu.
- The **List of drives and directories** in the middle pane enables an easy navigation through existing and already-deleted files very similar to Windows Explorer.
- The **List of Folders and Files** on the right-hand side gives you all pertinent file information regarding the selected existing and deleted files.



Main View of O&O UnErase 4

Status Bar

At the very bottom of the Main View the Status Bar can be found in which the progress of all running searches and other status reports are displayed.

Toolbar

The Toolbar is the fastest way to access the most important functions of O&O UnErase. All commands, however, can be accessed through the pull-down menus at the top of the Main View. Through the View menu you can customize the composition of the Toolbar to meet your needs.



All Toolbars Including the Quick Search Bar

Displayed from left to right:

- Search for a drive on the system.
- Open the Advanced Search dialog.
- Restore deleted files.
- Cancel current search.
- Go up one level.
- View Help.
- View program information.
- Switch views.
- Tiles
- Icons
- List
- Details
- Toggle task list.
- Displays only deleted files and folders.
- Toggle Filter function.

Filter

If you would like to limit the files displayed in the file list on the right-hand side, it is possible to use the Filter function. This feature may be activated through the **View** menu or by pressing the Filter icon in the Toolbar. When activated, a series of fields will appear in which specific text may be entered to narrow down the number of files displayed. As before, it is possible here to use place holders.



File List with Activated Filter Function



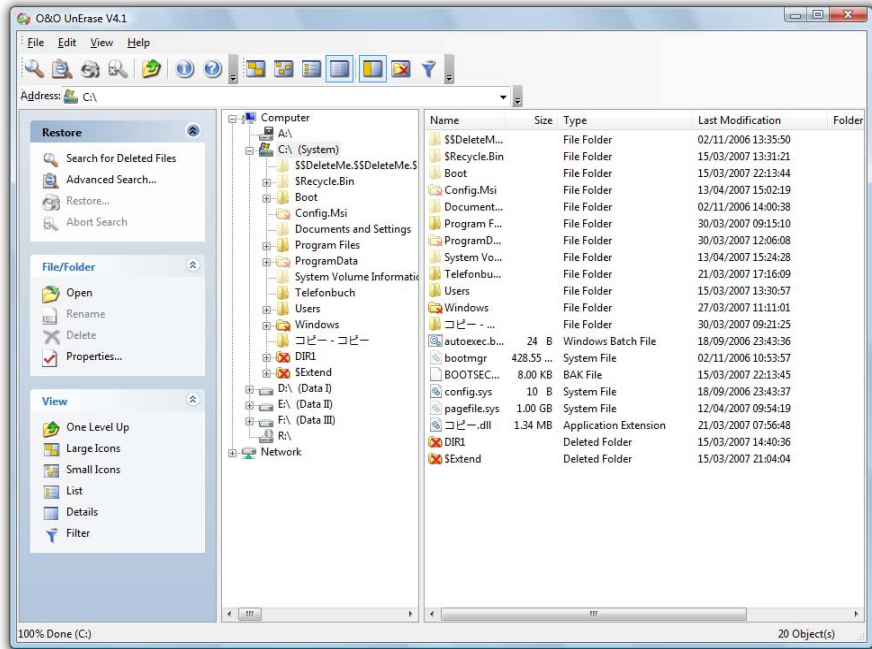
Tip:

In general, it is easier and faster to just use the Advanced Search function to find and display a specific set of files.

Searching for Deleted Files and Folders

To find deleted files and folders on a drive, please follow the directions below:

1. Select from the list of drives on the system the drive which you would like to search.
2. From the **File** menu at the top of the screen select the command **Search for deleted files**.
3. The search will now be initialized. You can follow the progress of the running search in the Status Bar at the bottom of the screen.
4. After the search is completed, the files and folders found during the search will be marked in both the list of drives and files with a red "X" or arrow.



Main View with Deleted Files and Folders



Tip:

You can also execute a **Quick Search** by way of the Search field in the Toolbar. Just enter the drive letter and the path of the directory you would like to search and press **Enter** on your keyboard.

Canceling a Search

If you would like to cancel a Search, select **Cancel search** from the **File** menu or press the corresponding icon in the Toolbar. The search will then be canceled and the files and folders that have already been found will be displayed.



'Cancel Search' Icon in the Toolbar during a Search






Tip:

Alternatively you can use the keyboard shortcut **Ctrl+Esc** to interrupt a running search.

Deleted Files and Folder Designations

The red "X" indicates a file or folder is deleted. A small "X" displayed with a folder indicates that deleted files have been found in this folder, although the folder itself is still intact.

Icon	Definition
	The folder has been completely deleted (large red "X")
	The folder contains deleted files or folders (small red "X")
	This file has been deleted and can probably be restored (red arrow).

Normally the original filenames of the deleted files can be restored. However, if this is not possible, the folders and files will be generically numbered and named by O&O UnErase.

Restoring Files and Folders

The next step after deleted files or folders have been found is to restore the ones you need (if this is possible).

1. Files and/or folders you wish to restore can be selected in either the middle or right-hand panes of the Main View.



Tip:

Please note that in the middle pane of the Main View only one single folder may be selected for restoration. In the right-hand pane it is possible to select more than one file for restoration by pressing the **Ctrl** key on the keyboard while selecting multiple files. To select all files in a specific folder, use the keyboard shortcut **Ctrl+A**.

2. Press the **Restore** icon on the Toolbar or select the corresponding heading in the Context Menu.
3. It is now possible to select where the restored files are to be saved. As your target directory, you may create a new folder or select one that already exists.
4. In order to avoid any possibility of data loss, it is advised that you save the newly restored files onto a different partition than the one where the files were originally stored. Please be aware that it is possible to store the files onto a network drive as well.

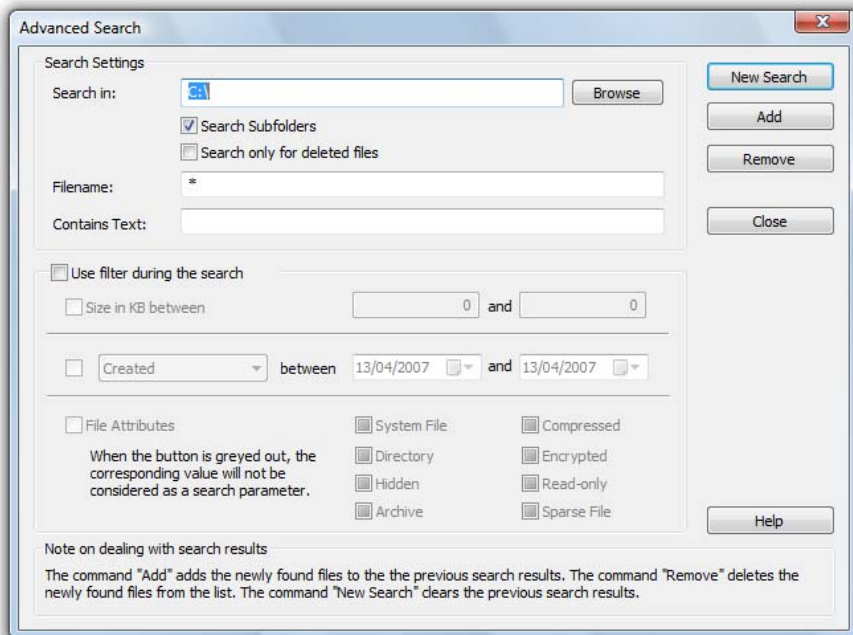


Tip:

It is also possible to simply drag-and-drop deleted files and folders you would like to restore into a directory displayed in the Main View. The restoration of the deleted files will automatically follow.

Advanced Searches

With the O&O UnErase's Advanced Search function, you possess a powerful tool for quickly and securely finding deleted files. Through a series of user-defined search parameters, it is possible to considerably increase the precision of your search results.



Advanced Search Dialog

Search Settings

The search settings dialog enables you to define the drive or folder to be searched. If you would like to also search subfolders, select the option with the same name.

It is also a possibility to expand the search to include files that have not been deleted. To do so, please uncheck the option **Only search for deleted files**. If this option remains selected, only deleted files will appear in the search results.

Filename

In the field called **Filename**, you can either enter an exact filename or a filename containing a placeholder. For example, **"*.BMP"** would indicate you only wanted to search for Bitmap images.

Letter capitalizations are not considered in by the search function. You can use the special characters "*" and "?". "*", however, can be used for multiple characters, whereas "?" may only stand for a single character.

Contained Text

An especially powerful option is searching for text contained in the file. If you are looking for a file but only can remember a fragment of its name or contents, then this could be very useful to you.

Using the Filter When Searching

In order to customize your search further, it is possible to use the Filter function.

File Size

Here you can limit the size of the files that are to be searched. Just enter a range in Kbytes in which the desired file might fit.

Date

This option allows you to enter a range of dates pertaining to the file and defining how that date range is to be applied during the search:

- **Created** – Date when the file was first created
- **Modified** – Date when the file was last saved
- **Accessed** – Date when the file was last accessed

File Attributes

The search can also be narrowed down to looks for specific attributes of the desired file. You can select from three options regarding each specific attribute:

- **Marked (Checked)** – The file must exhibit this attribute.
- **Unmarked (Empty)** – The file may not exhibit this attribute.
- **Marked Green** – This attribute will not be considered as a search parameter.

Running an Advanced Search

To Run an Advanced Search you have three options:

- **New Search** – A search will be initialized and all previous search results will be lost.
- **Add** – The search will be initialized and the search results will be added to the search results already displayed.
- **Remove** – The search will be initialized and those search results found will be filtered out of the list of search results already displayed.

You may repeat the search function as many times as you like, adding or removing the results from the displayed list of search results as you go. While the search is running, the search dialog box will remain closed.

When you not long would like to run a search, you can close the search dialog by pressing the **Close** button.

O&O FormatRecovery

About O&O FormatRecovery

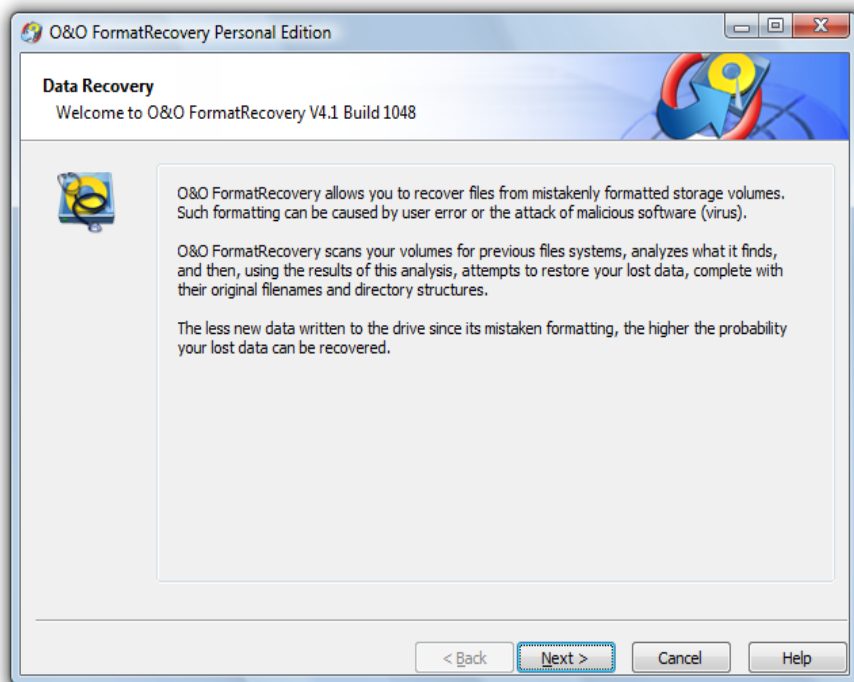
It's happened to the best of us: your hard disk is mistakenly formatted and important files can be deleted and presumed lost forever. Whether the result of a computer virus, a software error, or user error, this can be devastating. Important documents and business data aside, in the age of digital photography the loss of an 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. Even when Windows does not offer a viable solution for the recovery of lost data (i.e. the Recycle Bin), there still is hope with O&O FormatRecovery, an easy and secure way to recover data you had thought was deleted. 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.

The online software documentation is your best source for all details regarding the operation of O&O FormatRecovery. Access to this documentation can be made through the program group in the Start Menu or through the Help menu in O&O FormatRecovery itself. The software's internal Help file can also be reached by hitting the F1 key while the O&O FormatRecovery is running.

Note:

The complete O&O FormatRecovery User's Guide can be found on the O&O RescueBox Sampler CD. To open this file, simply click on "View Userguide" in the O&O Sampler.



O&O FormatRecovery Startup Dialog Box


Selecting a Drive

Select the drive where you would like to scan for deleted data. It is possible to select a partition (e.g. C: or D:) or an entire hard disk drive. In addition you can select any storage media, from USB sticks memory cards for digital cameras. Clicking **Next** will conclude the drive selection dialog.

By default, the unpartitionable areas of a hard drive, or those located past the partitioned areas of the disk, are hidden.

If you would like to add drives after O&O FormatRecovery has been loaded (e.g. USB stick or digital camera), click on **Update Drives**. The newly connected hardware will be loaded and displayed in the list of drives.

Drives can be scanned for previous partitions and files systems. This is necessary is, for example, if a partition has been deleted or a volume has been reformatted with a different files system. To start the analysis of your storage volumes, click **Analyze Drive**.

 **Note:**
Regardless of the size of the storage volume, this analysis could take some time.

Data Recovery Settings

After the drive has been selected, you have the opportunity to select some options that will affect the precision and duration of the scanning process. In most cases, the default settings are sufficient and do not require any modification.

Restore Empty Folders

With this option, you can have folders restored, even if they do not contain any data. This allows for the restoration of complicated directory structures containing multiple intertwined folders.


Restore Empty Files

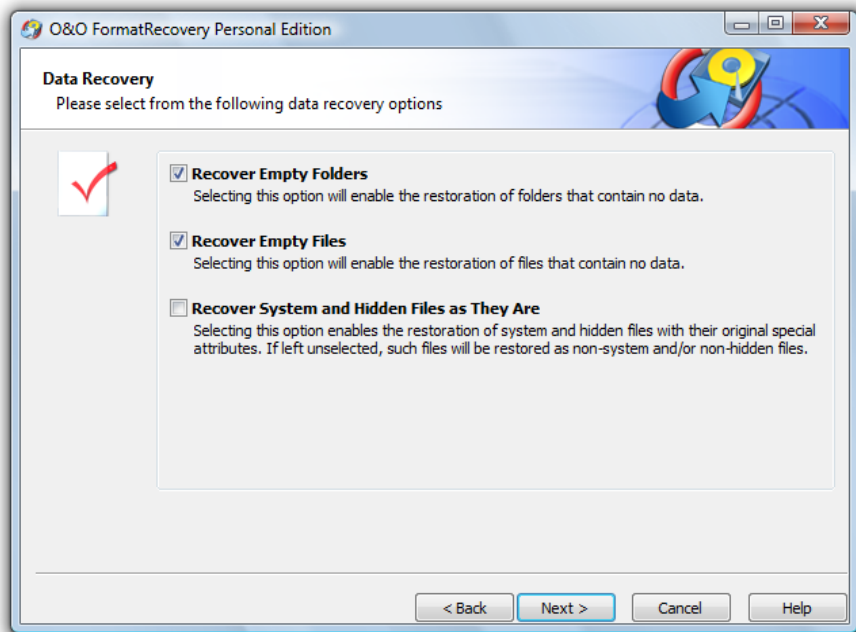
With this option, you can have files restored, even if they do not contain any data.

Restore system and hidden files as they are

This option allows for the restoration of system files and hidden files with their original attributes intact.

When this option is not selected, these files would be restored as “normal” files (Not system files, and not hidden).

 **Note:**
Please consult your folder options in Windows when modifying this setting. It is possible that files will not be visible after they have been restored.



Selection Data Recovery Options

Additional Recovery Settings

Drive Errors

This option allows you to instruct the software to ignore areas of the storage volume where drive errors have occurred.

Automatically Saving Files After They Are Found

If you would like to execute an unsupervised scan, it is possible to instruct O&O FormatRecovery to save and restore all of the scan results automatically. 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 of the software.

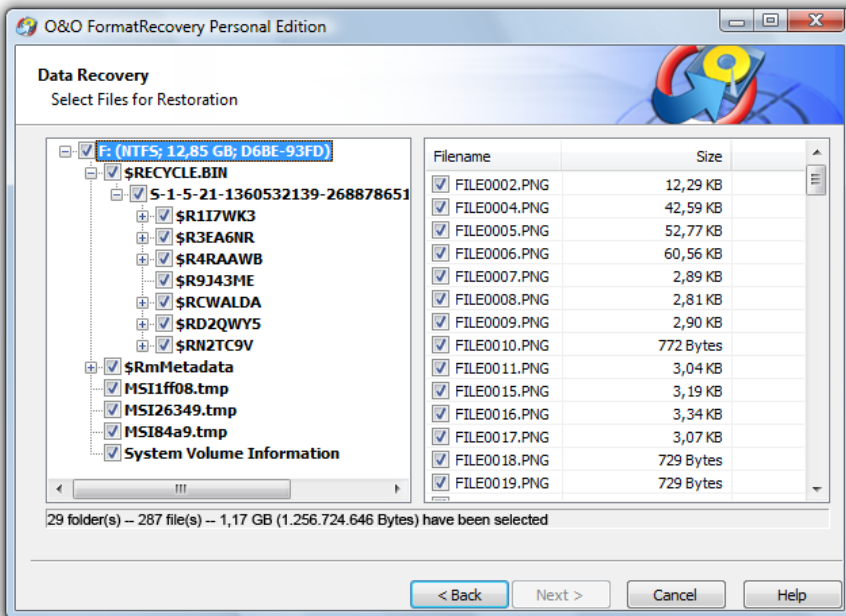
Running and Interrupting a Scan

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

O&O FormatRecovery can be Minimized in to the System Tray. Pressing Cancel will interrupt the scan. 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.

Selecting Files for Restoration

After the scan has been completed, all found files, regardless of their respective save locations, are displayed on the left-hand side. When you are finished selecting the files for restoration, click Next to continue. Click the check-box next to the drive's letter to have all of the contained files restored. In some circumstances, the sorting and listing of a large number of files can take some time.



Selecting Files

**Note:**

All found files on the scanned drive are displayed here in the list. These consists of all files and folders visible to Windows. This list does not indicate, however, whether specific files or folder restorable or not.

Selecting a Target Folder

To recover selected files you need to enter a saving location. By default your 'My Documents' folder, but any folder, including network folders, may be selected for this. O&O FormatRecovery 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.

Please note that you will not be able to save the recovered files onto the same partition where the deleted data was originally located. Also do not forget to make sure you have enough storage capacity on disk to facilitate the newly recovered files.

Click Next to initiate the recovery of data.

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. By default, the report will have the filename "oofr_report.rtf".

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 FormatRecovery 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.

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

O&O FormatRecovery 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.

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 FormatRecovery will be closed.

O&O DiskRecovery

About 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.

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. Even when Windows does not offer a viable solution for the recovery of lost data (i.e. the Recycle Bin), there is hope with O&O DiskRecovery, an easy and secure way to recover data you had thought were lost. O&O DiskRecovery intensely combs storage volumes for lost data and can restore files other software programs cannot.

The online software documentation is your best source for all details regarding the operation of O&O DiskRecovery. Access to this documentation can be made through the program group in the Start Menu or through the Help menu in O&O DiskRecovery itself. The software's internal Help file can also be reached by hitting the F1 key while the O&O DiskRecovery is running.



Note:

The complete O&O DiskRecovery User's Guide can be found on the O&O RescueBox Sampler CD. To open this file, simply click on "View Userguide" in the O&O Sampler.

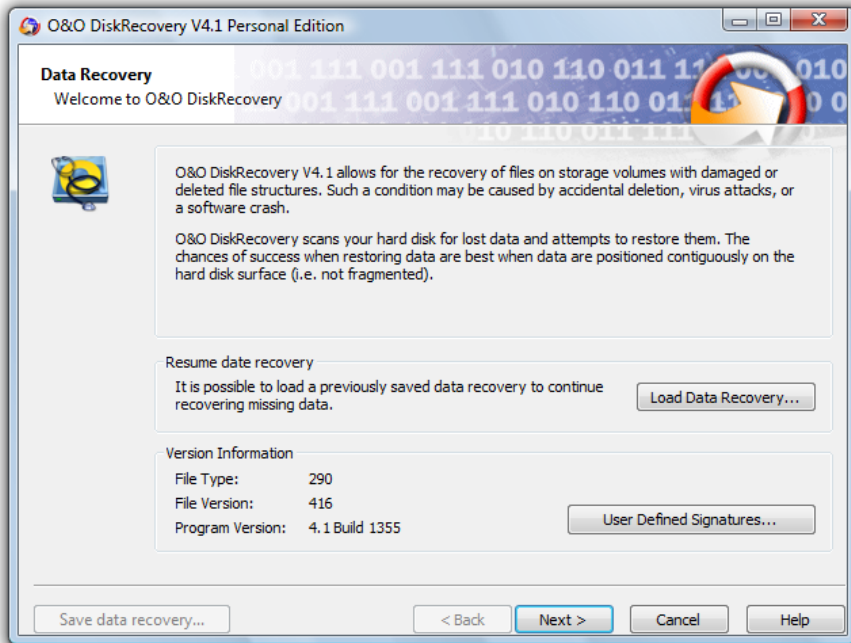
Starting O&O DiskRecovery

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

- Select **Load Data Recovery** and select the data recovery file. Such a file generally has the extension DRD.
- The data recovery information will be loaded and you will then be able to continue with your saved settings.

If the data volume on which you would like to recover data is not present on your system, an error message will appear.



O&O DiskRecovery Startup Dialog Box

Selecting a Drive

Select the drive where you would like to scan for deleted data. It is possible to select a partition (e.g. C: or D:) or an entire hard disk drive. In addition you can select any storage media, from USB sticks memory cards for digital cameras. Clicking **Next** will conclude the drive selection dialog.

By default, the unpartitionable areas of a hard drive, or those located past the partitioned areas of the disk, are hidden. To reverse this, unselect the option **Hide unpartitionable areas**.

Differing from unpartitionable areas, unpartitioned areas on the hard disk can also exist under some circumstances. Although these areas on the disk cannot be accessed by Windows, O&O DiskRecovery is able to scan these regions. These areas are listed in the list of partitions as RAW or "unpartitioned".

If you would like to add drives after O&O DiskRecovery has been loaded (e.g. USB stick or digital camera), click on **Update Drives**. The newly connected hardware will be loaded and displayed in the list of drives.

O&O DiskRecovery Scan Settings

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. If a device, such as a hard drive or USB stick, has been selected and not a partition, the options **O&O SmartScan** and **O&O RawScan** are supported and cannot be selected. However, the default settings are generally sufficient for most cases and therefore probably do not need to be changed.

Maximum Scan Depth for Recovering Data (O&O DeepScan)

Activate this option when you are scanning for especially small files. Please note that the O&O DeepScan requires more time to be completed.

Ignoring Existing Files (O&O SmartScan)

A common problem that occurs with data recovery is that not only deleted files are recovered. In addition, existing files are recovered which can mean tedious work for you when you have to filter through those files that already exist on your system. The O&O SmartScan takes over this job for you so that only deleted files are found and restored. This can greatly accelerate the data recovery process, depending on the settings.

Please note that this option is only available when scanning partitions and not entire devices.

Leaving Out the File System During the Scan (O&O RawScan)

If the partition on which you would like to recover data has been formatted (possibly with another file system), O&O DiskRecovery can be triggered to not scan the file system. This can increase the duration of the scan.

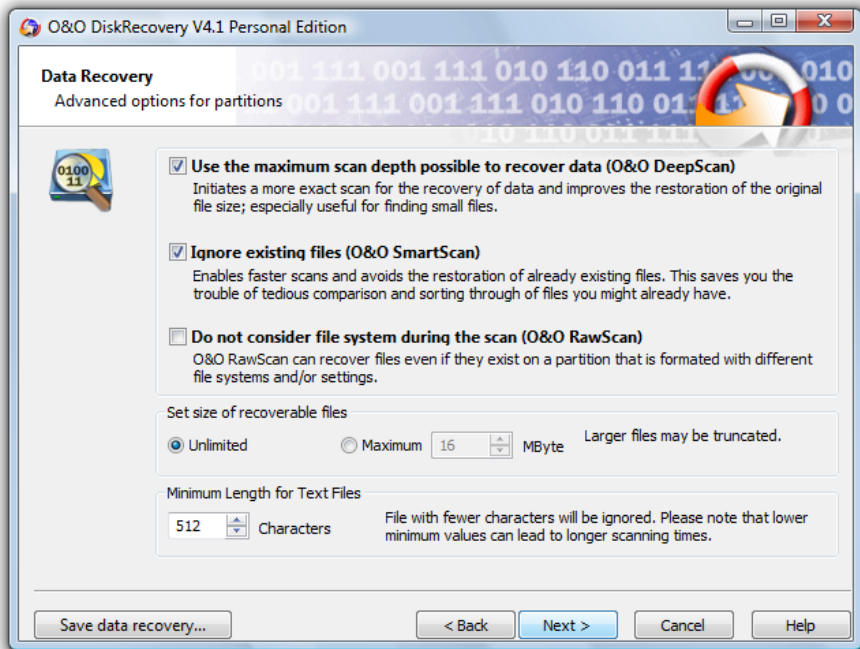
Please note that this option is only available when scanning partitions and not entire devices.

Limiting the Scan to File of a Specific Size

This function limits the scanning sequence to notice only files to 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. Please note that the minimum value is 16 characters; the smaller the value, the longer the scan duration.



Defining the Scan Settings

Running and Interrupting a Scan

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. Pressing **Cancel** will interrupt the scan. 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.

Selecting Files for Restoration

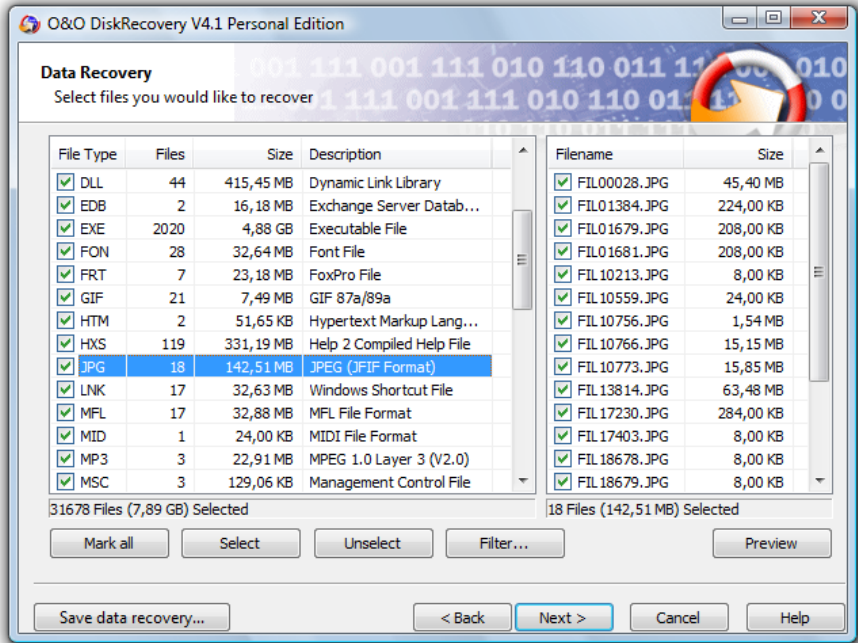
After the scan has been completed, the files found will be displayed in two lists; the list to the left displaying the types of files found, the one on the right showing the actual files of this type found. By selecting a specific file type on the left, the corresponding list on the right will change. 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.



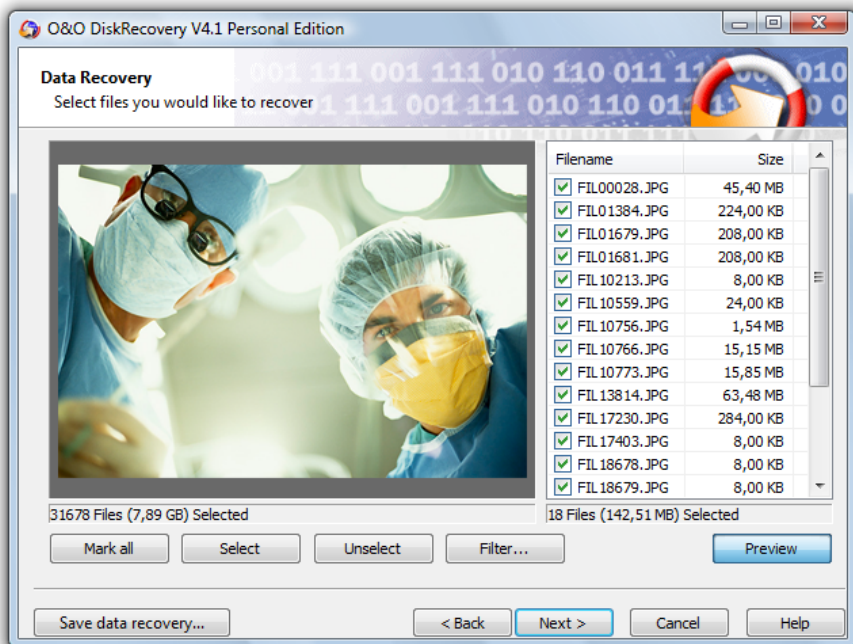
Note:

In the Personal Edition the maximum number of files that may be restored in a single data recovery is 100. 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.



Selecting Files

For many image and text files, it is possible to view an preview before they are restored. The preview must be activated. First select to the left a file type group and then click the **Preview** button. 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. The preview will appear in the space to the left of the file list.



Preview (Image File)

To deactivate the preview function, simply click the **Preview** button one more time.

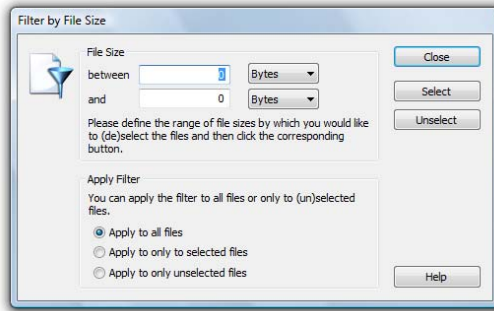
Note:

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.

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.

The command **Select** highlights all corresponding files for restoration. **Unselect**, in contrast, removes those highlights.



Applying a filter

Selecting a Target Folder

To recover selected files you need to enter a saving location. By default your 'My Documents' folder, 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.

Please note that you will not be able to save the recovered files onto the same partition where the deleted data was originally located. Also do not forget to make sure you have enough storage capacity on disk to facilitate the newly recovered files.

Click **Next** to initiate the recovery of data.

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. By default, the report will have the filename "DiskRecoveryReport.rtf".

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.

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.

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.

Support and Contact

Technical Support

To receive more information about O&O RescueBox, please visit our website, 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 offer the most common problems and questions regarding our products.

All registered customers receive installation and product support free of charge for the first 90 days after registration. When contacting our support department, please do not forget to have your registration code ready.

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