# Exascend Data Recovery Tool User Guide

EXASCEND

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Software version: Windows 2.0.9.0, MacOS 2.0.8.0

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## **1** Introduction

The software currently only supports disk repair and data recovery for disks owned by the company. If a disk data is lost due to mistaken deletion or formatting, the disk can be recovered.

## **2 System Requirements**

Windows10 64-bit

MacOS 10.13+

## **3 Instructions**

#### 3.1 Main interface



DISK REPAIR: Click this button if the disk fails and cannot be accessed MIS DELETE: Click this button if data is lost due to mistaken deletion MIS FORMAT: Click this button if data is lost due to mistaken formatting

Click the Copyright information at the bottom of the page to go to the company's official website.

#### 3.2 Disk Repair



Disk repair currently is only supported on Windows, please wait future updates for MacOS.

The software will only refresh and obtain disks when entering the disk repair interface. If you want to refresh the disks, click back and then enter the page again to obtain the latest disks status.

1. Before use, put the required repair files in the "fwb" directory at the same level as the software.



Click the Repair button to start disk repair, and wait for the progress bar to reach 100%.
 The repair is complete and a prompt will appear.



#### 3.3 MisDelete & MisFormat

1. Click the MIS DELETE button on the main interface if data is lost due to mistaken deletion. Click the MIS FORMAT button on the main interface if data is lost due to mistaken formatting.



2. After entering the disk and partition selection page, click the top drop-down box to select the disk that needs to be restored, and all partitions of the disk will be listed below.

EXASCEND Data Recov	ery Tool-V2.0.9.0	- 🗆 X				
		< back				
<ul> <li>\.\PhysicalDrive0 1024GB/953Gil</li> <li>\.\PhysicalDrive1 960GB/894GiB</li> </ul>	B 35EE554P EXPA3M001TB-WP 70B3_ t10m t10p 123445689086	D585_102B_4040.				
Status: D Size: 1024GB/953GiB	Status:	Р 14MB/300MiB				
Status: P Size: 104MB/100MiB		s: P 134MB/128MiB				
Status: P Size: 214GB/200GiB	Status: Size: 49	P 14GB/460GiB				
File System Type	File Structure	Scan method				
O ext2/ext3/ext4 File System		<ul> <li>Free: Scan for file from unallocated space only</li> <li>Whole: Extract files from whole partition</li> </ul>				
Destination to save the recovered file File Format		Browse				
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3. Select the partition to be restored.

EXASCEND Data R	ecovery Tool-V2.0	).9.0			-		×
							< back
\\.\PhysicalDrive0 1024GB/953G	iB 35EE554P EXPA3	M001TB-WP 70	)B3 D585	5 102B 4040.			-
Status: D Size: 1024GB/953GiB			Status: P Size: 314MB/300MiB				
Status: P Size: 104MB/100MiB			Status: F Size: 13	р 4MB/128MiB			
Status: P Size: 214GB/200GiB			Status: P Size: 494GB/460GiB				
File System Type	Status: P Size ·214GB/200GiB			Scan method			
O ext2/ext3/ext4 File System FAT/NTFS/HFS+/ReiserFS/ SysType: NTFS Name: [Windows]		e structure		<ul> <li>Free: Scan for file from unallocated space only</li> <li>Whole: Extract files from whole partition</li> </ul>			only
Destination to save the recovered file						Br	owse
File Format							
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4. Select whether restore file structure or not. Note: restore file structure is only support mis deleted files, mis format isn't supported right now.

	very Tool-V2.0.9.0		- 🗆 X		
		< back			
\\.\PhysicalDrive0 1024GB/953GiB 35	EE554P EXPA3M001TB-WP 70B3	D585	5 102B 4040.		
Status: D Size: 1024GB/953GiB	Si Si	tatus: f ize: 31	р 4MB/300MiB		
Status: P Size: 104MB/100MiB	Status: P Size: 104MB/100MiB Size: 13		р 4MB/128MiB		
Status: P Size: 214GB/200GiB	St.	tatus: f ize: 49	o 4GB/460GiB		
File System Type	File Structure		Scan method		
O ext2/ext3/ext4 File System • FAT/NTFS/HFS+/ReiserFS/	<ul> <li>○ ext2/ext3/ext4 File System</li> <li>○ FAT/NTFS/HFS+/ReiserFS/</li> </ul>		<ul> <li>Free: Scan for file from unallocated space only</li> <li>Whole: Extract files from whole partition</li> </ul>		
Destination to save the recovered file			Browse		
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5. Click the Browse button to select a path to save the recovered data. To avoid overwriting data, do not select the partition that is currently being restored to save data. It is also recommended to choose a drive letter with a capacity larger than the partition being restored to save the recovered data.

EXASCEND Data Recov	-		×					
						< back		
\\.\PhysicalDrive0 1024GB/953GiB 35	EE554P EXPA3M001TB-WP 70	)B3 D589	5 102B 4040.			-		
Status: D Size: 1024GB/953GiB		Status: P Size: 314MB/300MiB						
Status: P Size: 104MB/100MiB	Status: P Size: 104MB/100MiB		Status: P Size: 134MB/128MiB					
Status: P Size: 214GB/200GiB		Status: I Size: 49	o 4GB/460GiB					
File System Type	File Structure		Scan method					
O ext2/ext3/ext4 File System ● FAT/NTFS/HFS+/ReiserFS/ ● Recover file structure			<ul> <li>Free: Scan for file from unallocated space only</li> <li>Whole: Extract files from whole partition</li> </ul>			only		
Destination to save the recovered file File Format					Br	owse		
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6. The file system type and Free/Whole are related to the partition and disk file system selected. It is recommended to keep the default value to avoid incomplete data recovery. The File Format in the lower-left corner is for the user to select the file type to be restored (please keep the default configuration).

EXASCEND Data Recov	ery Tool-V2.0.9.0			-		×	
						< back	
\\.\PhysicalDrive0 1024GB/953GiB 35	EE554P EXPA3M001TB-WP 70B3	3_D585_	102B_4040.				
Status: D Size: 1024GB/953GiB		Status: P Size: 314MB/300MiB					
Status: P Size: 104MB/100MiB	Status: P Size: 104MB/100MiB		Status: P Size: 134MB/128MiB				
Status: P Size: 214GB/200GiB			GB/460GiB				
File System Type	File Structure	S	Scan method				
O ext2/ext3/ext4 File System ● FAT/NTFS/HFS+/ReiserFS/ ● Recover file structure			<ul> <li>Free: Scan for file from un</li> <li>Whole: Extract files from</li> </ul>	nallocati whole p	ed space artition	e only	
Destination to save the recovered file File Format	can				В	rowse	
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7. Click Scan to start scanning and recovering data.

EXASCEND Data Recov	rery Tool-V2.0.9.0	- 🗆 X				
		< back				
\\.\PhysicalDrive0 1024GB/953GiB 35	EE554P EXPA3M001TB-WP 70B3 D58	5 102B 4040.				
Status: D Size: 1024GB/953GiB		Status: P Size: 314MB/300MiB				
Status: P Size: 104MB/100MiB	Status:	Р !4MB/128MiB				
Status: P Size: 214GB/200GiB	Status: Size: 49	P 14GB/460GiB				
File System Type	File Structure	Scan method				
O ext2/ext3/ext4 File System • FAT/NTFS/HFS+/ReiserFS/	• Recover file structure	<ul> <li>Free: Scan for file from unallocated space only</li> <li>Whole: Extract files from whole partition</li> </ul>				
Destination to save the recovered file	D:/	Browse				
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8.	The softwa	are will ente	r the da	ta recovery	progress	page.
-					1 3	1 0

EX	Data Recovery Tool-V2.0.9.0				×	
					< back	:
00:00:22	0%	sto	op 2242	236/1875	385008	
file formats	file path	size				
✓ txt (22)						
	D://recup dir.1/f0100466.txt	1 KB				
	D://recup_dir.1/f0100468.txt	1 KB				
	D://recup_dir.1/f0100470.txt	1 KB				
	D://recup_dir.1/f0100472.txt	2 KB				
	D://recup_dir.1/f0100844.txt	1 KB				
	D://recup_dir.1/f0101038.txt	1 KB				
	D://recup_dir.1/f0101716.txt	1 KB				
	D://recup_dir.1/f0102852.txt	1 KB				
	D://recup_dir.1/f0102856.txt	1 KB				
	D://recup_dir.1/f0104400.txt	4 KB				
	D://recup_dir.1/f0104408.txt	1 KB				
_	D://recup_dir.1/f0104410.txt	1 KB				
	D://recup_dir.1/f0104416.txt	2 KB				
	D://recup_dir.1/f0104788.txt	1 KB				
	D://recup_dir.1/f0104792.txt	1 KB				
	D://recup_dir.1/f0235800.txt	4 KB				
	D://recup_dir.1/f0235808.txt	1 KB				
	D://recup_dir.1/f0235810.txt	1 KB				
	D://recup_dir.1/f0235816.txt	2 KB				
		1 1/10				
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Note:

1. the software only supports the recovery of deleted files or files deleted permanently and after quick formatting. If the disk has been low-level formatted, the files cannot be recovered.

2. The software cannot guarantee that all data can be recovered. After recovery, file names, formats, and sizes may change or become unavailable. Currently, most image files can be recovered, but for large files or large numbers of files, there is a higher probability that the recovered data will be incomplete.

3. Known recoverable file formats:

Image formats: bmp, webp, emf, eps, gif, icc, ico, jpg, png, psd, swf, tif, wmf, ani. Video formats: 3g2, 3gp, avi, flv, m4v, mkv, mov, mp4, mpg, ogg, swf, vob, wmv.

4. During the recovery process, you can check the recovery status by going to the path where the recovered data is stored.

5. If the disk where the recovered files are stored becomes full during the recovery process, a prompt will appear for the user to select a new path to continue storing the data that needs to be recovered.

#### 3.4 Recycle Bin

The function is not currently implemented yet.