

ERS 2000, Emergency Recovery System

For Windows 2000 (FAT/FAT32) only

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Registration

Support shareware, please pay the low registration fee.
(Shipping not included).

ERS 2000 features gets disabled after thirty trials:

Pricing:

ERS 2000 \$25 US\$ that is single user

2 to 9 licenses @ \$22

10 to 24 licenses @ \$20

24 to 50 licenses @ \$17

50 to 100 licenses @ \$15

Contact us for over 100 licenses.

Government, schools, colleges and large institutes contact publisher
and non profit organizations for special pricing.

Shipping and handling:(applies only if you can't download software)

ERS 2000 on CD

US \$11 Within USA and Canada, one time mailing.

US \$13 all other countries, one time mailing.

Credit Card: Credit cards are processed through a high security,
reputable Credit Card processing agency, linked from ERS homepage
<http://www.mslm.com>

Checks made from outside the US has to say "Payable to a US bank" on it.
If you pay by check, cashiers check or money order, please make them
payable to:

Theodore Fattaleh
1834 S Bentley Av. #202
West Los Angeles, CA 90025
USA

<http://www.mslm.com>

Email addresses are.(If you get returned mail, please try a
different address.)

Email addresses are:

twf@flash.net

2000@msn.com

2000ted@csi.com

Upon registration, you get the disabled functions of ERS 2000 enabled.

E-mail support, Major update notifications of ERS 2000, and other
news will be sent via E-mail to our subscriber list.

Name: _____

Your real name exactly as you want it to appear in the About
Window, for technical reasons initials cannot be accepted.

Address: _____

Your E-mail address: _____

IMPORTANT: If you don't hear from us in a few days, be sure to send an E-mail, because a few folks mistakenly send a wrong E-mail **address**.

ERS 2000, Emergency Recovery System

Features and Instructions:

ERS 2000 does two Windows main files backups, three Registry, all Profiles NTuser.dat and boot files backups, two vital files backups and the "Document And Settings" directory backup included in the Windows backup. ERS2000 is for Win 2000 (FAT/FAT32), there is no ERS for Win2000 NTFS at the time being. ERS 2000 needs few Win95 or Win98 MS-DOS files to be placed in the ERS2000 directory in order to backup and restore.

NOTE: Please read the [Backup and Restore section](#) of this Help file about backup and restore summary check list.

Windows main files Backups:

Windows main files backup is made from within the Windows environment and get zipped in the Ers2000\Zipped folder. Windows main files don't include the Registry files.

Click either the Windows #1 or the Windows #2 button to make the backup. Depending on size and speed of computer, it will take about 3 to 12 minutes. Restore batch files get created and placed in the Ers2000 directory, Win1.bat for Windows #1 and Win2.bat for Windows #2. Restore has to be done from the ERS Boot Disk.

Files with long file names has to be resotored in the Windows environment, Click "Tools\Restore Files with Long files Names" to run it. Internet Explorer, Outlook Express and the Common Files directory backup also have to be restored in the Windows environment.

Note: Ers 2000 doesn't backup the whole Windows directory and subdirectories. **But restoring from the new Windows backups and restoring from one of the registry backups to a none existing Windows directory is like installing Windows and you will be able to start Windows.**

Tip: If Windows is corrupted beyond repair, then rename the WinNT directory to WinNT1 while in the ERS Boot disk, then restore from Windows then restore from Registry backups.

Document And Settings Directory Backups

Click "Options\Backup Documents and Settings with Windows backup". It will backup the Documents and Settings directory **excluding** Profiles registry files, Recent directory, Cookies directory, Local Setting directory Address Book (*.wab and *.wa~ files) and Outlook Express mail (*.dbx files). This backup includes all items in the StartMenu, Desktop and Favorites. Restore this backup from the Windows environment, Click "Tools\Restore Files with Long files Names". Be careful restoring from this backup replacing newer settings.

Internet Explorer, Outlook Express and the Common Files directory Backup

They get backed up with Winddows backup, it is important to backup these directories in case they get over written by upgrades, service packs or by other applications. Restore this backup from the Windows environment, Click

"Tools\Restore Files with Long files Names".

Registry , all Profiles NTuser.dat and Boot files Backups:

As most of you know that you can't copy the Registry files while in the Windows 2000 environment, so backup and restore has to be done from a MS-DOS prompt.

But before making the backup and restore, ERS 2000 has to make the backup and restore batch files in the Windows environment.

Open Ers2000.exe and click the "Make Registry Backup And Restore batch files" button.

It will create 9 batch files:

3 Registry, all Profiles NTuser.dat and boot files **backup** batch files called:

Backsys1.bat

Backsys2.bat

Backsys3.bat

3 Registry, all Profiles NTuser.dat and boot files **restore** batch files called:

Restsys1.bat

Restsys2.bat

Restsys3.bat

Recreates restore windows restore batch files Win1.bat and Win2.bat.

Recreates restore windows restore batch files Vitals1.bat and Vitals2.bat.

Lastly, it creates **Ers2000.bat** and Ers.bat, **type Ers2000** at the command prompt, Ers2000.bat will popup and give you instructions on how to backup and restore. Ers.bat and Ers2000.bat are the same.

Every time **profiles are changed** and you want to make a backup, then a fresh set of Batch files has to be made before backing up.

Note that the Profiles directory has been placed in "C:\Documents and Settings" directory in Win2000.

Vitals1 and Vitals2:

Are backups of about 157(more in the future) Windows essential files which are most likely to get over written or corrupted, backing up these files could save you a Windows re-install or a format of the hard drive, keep them current and keep only one backup. After you install a new program do another backup in Vitals2, wait few days then delete the older one.

You will find these backups in the Zipped directory

The letter S in Vitals1 stands for files backed up from Windows\System directory.

The W in Vitalw1 stands for files backed up from the Windows directory.

The 1 stands for backup #1 and 2 stands for backup #2.

Virus attack backups

Click Options\Virus Attack Backup or find ViruBack in the StartMenu and read Help in the ViruBack Help menu.

Backup and Restore:

As explained earlier, Windows files backup are made from within the Windows environment.

To restore the Windows backups or backup and restore the registry,

have to be done from the ERS boot disk.
ERS 2000 needs the aid of some of Win95 or Win98 MS-DOS files:

Command.com
Attrib.exe
Choice.com
Deltree.exe
Edit.com
Io.sys
Xcopy.exe
Xcopy32.exe
Xcopy32.mod(If using Win98 only MS-DOS files)

All these files except Io.sys have to be copied to the Ers2000 directory,
without these files ERS 2000 backup and restore can't be carried out.

An ERS 2000 or Win95/98 (preferably Win98 to recognize FAT32) boot disk
has to be made either in ERS or from a Win98 computer.
ERS 2000 has to add files to the Win98 bootdisk, so click
Options\Make ERS bootdisk to add the files or format disk..
(Please read below on how to prepare and make the ERS boot disk)

Restart computer while ERS boot disk is in the floppy boot drive and type:
ERS2000.bat
It will change directory to the Ers2000 directory. if it didn't change directory
then change to the drive Ers2000 installed in and type:
CD Ers2000

There, if the ERS 2000 instruction page didn't popup then type ERS.
It will give you instructions on how to backup and restore.
Type:
Backsys1, Backsys2 or Backsys3 to backup the Registry files.
Type
Restsys1, Restsys2 or Restsys3 to restore from desired Registry backup.
Type
Win1 or Win2 to restore from Windows #1 or #2 backups.
Type
Vitals1 or Vitals2 to restore from Vitals #1 or #2 backups.

Please **print** this page and save it.

NOTE: You may need to add the .bat extension to the backup and
restore commands.

NOTE: Every time you open Ers2000.exe it recreates a fresh Ers2000.bat,
make a habit to open Ers2000.exe every time you make new backup.

NOTE:

If ERS 2000 is installed in a **non** English Win2000 and profile names
have extended non English characters á, ú etc. then ERS 2000 will give
error in MS-DOS backing up and restoring profiles NTUser.dat, because
MS-DOS doesn't recognize extended non English characters.
It will be best to change profile names to names without the
non-English characters."

ERS Boot Disk:

- Before making the ERS bootdisk, be sure to click the "Make Backup and Restore batch files" button.
- In order for the ERS 2000 boot disk to work:
 - 1) DON'T use a Win2000 formatted floppy, use either ERS 2000 or Win95/98 only to format the floppy.
 - 2) DON'T use third party formatting tools and formatting with MS-DOS will NOT work with Win95 or Win98 bootdisk files.
- Copy the following files to the Ers2000 directory first.
 - Use only Win95/98 files.
 - If using Win98 MS-DOS files then Xcopy32.mod would be needed.
 - Command.com
 - Attrib.exe
 - Choice.com
 - Deltree.exe
 - Edit.com
 - IO.sys
 - Xcopy.exe
 - Xcopy32.exe
 - Xcopy32.mod(Win98 only)

LEGEND:

Where C:\ is mentioned, its considering "C" is the boot drive.

Where Windows is mentioned, its considering WinNT is the Win 2000 Windows Directory.

ERS 2000 runs in NEC computers that uses A as the boot drive and would recognize the Windows directory no matter what name it is called.

Also would recognize the StartMenu in any language.

Also recognize all Profiles.

Where Registry or critical is mentioned, it means the Registry files, all Profiles NTuser.dat files and boot files.

How About NTFS ?

How About NTFS

As most of you know, there is no good utility to run commands at the Command Prompt in a NTFS partition. Even though there are many solutions to backup and restore W2K system, but I am not happy with any of them. Until I find a good way to do backup and restore: Here are few steps that you can use to backup and restore.

1) The best method is install another instance of W2K in another partition, do the backup and restore from the other instance of W2K.

You can use any zipping software to zip backups or best use MinuteMan Data Backup

<http://www.mslm.com/minman.htm>

Actually it is better to use MinuteMan because it excludes most files that gives zipping errors.

2) Install Microsoft Recovery Console, to do that:

Click Start\Run and type

`winnt32.exe /cmdcons`

and follow instructions on the screen.

Click Start\Help and type Recovery Console in the Index query, read all instructions and commands.

The most one that you can use is the "Copy" command, unfortunately you can't use wild cards, so you have to copy each registry file by itself.

Recovery Console has limited functions but better than nothing.

3) Use Microsoft Backup and Restore, not the best but better than nothing.

Click Start\Programs\Accessories\System Tools\Backup.

Click the button to make a W2K boot disk and be sure to select to backup registry files.

The boot disk is made only to boot the computer just in case boot files were lost or corrupted, it boots you to the boot menu only.

Open W2K help and type Emergency Recovery in the Index query.

Backup and Restore

ERS 2000 Backup and Restore check list:

1) ERS 2000 needs the aid of some of Win95 or Win98(preferred) MS-DOS files:
Command.com
Attrib.exe
Choice.com
Deltree.exe
Edit.com
Io.sys
Xcopy.exe
Xcopy32.exe
Xcopy32.mod(Win98 only)

All these files except have to be copied to the Ers2000 directory, without these files ERS 2000 backup and restore can't be carried out. If you have Win95 or 98 installed in the same computer then be sure to use the same MS-DOS files version as Win95/98.

2) Click on the "Make Backup and Restore batch files" button to make the backup and restore batch files.
Every time profiles are changed and you need to make a backup, then a fresh set of Batch files has to be made.

3) Click Options\Make ERS Bootdisk and insert the
Either format floppy using ERS formatting tool or a Win98 bootdisk in floppy drive, then click appropriate drive button so ERS 2000 will copy necessary files to the bootdisk.

4) After you make a Registry backup from the boot disk then you should go back to Windows and open ERS 2000, every time Ers2000.exe is opened it recreates Ers2000.bat.
This is important to reflect backups time and date.

Backup and Restore:

1) Make Windows backups from within Windows, restore it from MS-DOS.

2) Backup and restore the Registry from the Boot Disk:
Start computer while ERS 2000 boot disk in drive, once booted, type ERS2000 or type ERS2000.BAT. It will change directory to the Ers2000 directory and it will display all backup and restore commands. If it didn't change directory then change to the drive Ers2000 installed in and type:
CD ERS2000
Type ERS2000.bat
If ERS2000 instruction page didn't popup then type ERS.
Type:
Backsys1, Backsys2 or Backsys3 to backup the Registry files.
Type
Restsys1, Restsys2 or Restsys3 to restore from desired Registry backup.

Type

Win1 or Win2 to restore from Windows #1 or #2 backups.

Type

Vitals1 or Vitals2 to restore from Vitals #1 or #2 backups.

You may need to add the .bat extension to these commands.

Tip: If Windows is corrupted beyond repair, then rename the WinNT directory to WinNT1 while in the ERS Boot disk, restore from Windows then restore from Registry backups.

Files with long file names

Have to be restored in the Windows environment, Click "Tools\Restore Files with Long files Names" to run it.

Document And Settings Directory Backups

Restore this backup from the Windows environment, Click "Tools\Restore Files with Long files Names".

Internet Explorer, Outlook Express and the Common Files directory Backup

They get backed up with Windows backup, it is important to backup these directories in case they get over written by upgrades, service packs or by other applications.

Restore this backup from the Windows environment, Click "Tools\Restore Files with Long files Names".

Delete Windows System Files

Added a delete batch file to delete all files in the Windows, Windows\System, Windows\System32, Windows\Fonts, "Windows\System32\Drivers", "Windows\System32\Drivers\Etc" and Windows\Inf directories.

The batch file is made after Windows backup is made.

It is useful to remove new corrupted hardware drivers or hardware software that were added to the Windows directory and a restore from Windows backup wouldn't help. Also good to remove added junk after trying out and uninstalling software redeeming wasted hard disk space. The batch file is made after a Windows backup, strongly recommend to use it after testing a Windows restore to be sure all backup are there.

The batch file name is DelSys.bat, find it in the ERS2000 directory.

Note: Screen Savers are excluded from being backed up, if you selected to delete files in the above directories then you will find a copy of all screen savers in Ers2000\ScrBack\Sys and Ers2000\ScrBack\Win directories, copy Screen savers in the Ers2000\ScrBack\Win directory to WinNT and copy Screen savers in the Ers2000\ScrBack\Sys directory to WinNT\System32.

THE LEGAL AGREEMENT

NO LIABILITY FOR CONSEQUENTIAL DAMAGES

In no event shall the publisher, the author, nor their suppliers be liable for any damages whatsoever (including, without limitation, damages for loss of business profits, business interruption, loss of business information, or any other pecuniary loss) arising out of the use of, or inability to use this product, even if being advised of the possibility of such damages.

Although some state jurisdictions do not allow the exclusion or limitation of liability for consequential or incidental damages, the above limitation still apply to you. It is your responsibility to read the `readme.txt` file before installing.

ERS 2000, Emergency Recovery System

ERS 2000

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Theodore Fattaleh author, programmer and publisher.
All Program Names are Registered Trademarks of their
Respective Owner.

<http://www.mslm.com>

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Install, Reinstall and Uninstall

Windows 2000 FAT/FAT32 Only

INSTALLATION

ERS 2000 is for FAT/FAT32 partition only.

There are two installation to be made, the ERS VB6run and the ERS 2000.

Run Setup.exe and select to install the VB6run first, when done run Setup.exe again and select to install ERS 2000.

ERS 2000 installs in any drive with no path option because it has to be accessed from a DOS environment that doesn't recognize long file names.

Reinstall and Updates

Download the about 125 KB and unzip to a temporary directory.

Run ERSSetup.exe and select the "Reinstall" button if you are reinstalling to a previous installation.

Take care to see that the correct drive to the previous installation is selected and shown in the drive window.

When reinstalling, don't delete the previous {older} Ers2000 directory. Merely selecting the "Reinstall" command, it will update and replace all files and recreate any missing files or folders.

UNINSTALL:

Open the ERS2000 directory and run Remove.exe, then delete the entire Ers2000 directory.

UNINSTALLING the VB6run:

Not recommended

To Un-install, go to the Control Panel Add/Remove Programs, scroll down to VB6run and click uninstall. Suggest not to uninstall the VB6run because it will be needed to run other programs programmed with Visual Basic 6.0.

