
data saver

Recovery Guide

datasaver and datasaver PRO

Recovery Guide

If you are:

an ordinary user using the DataSaver to protect your computer, please refer to the User's Guide.

trying to recover some files and folders you may have lost, or to recover a crashed computer, this Recovery Guide is for you.

an Administrator, managing the DataSaver for your users, please refer to the Administrator's Guide.

For updates and additional information, please visit the DataSaver website at <http://www.datasaver.biz>

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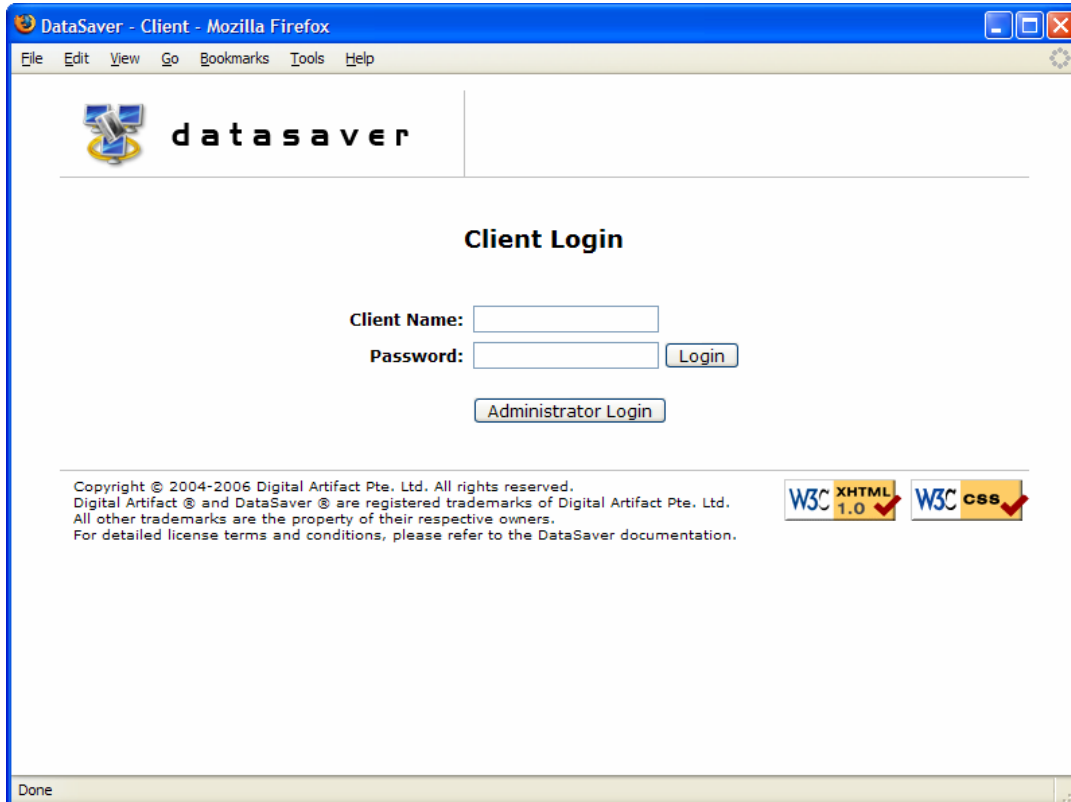
PART I

Logging into the DataSaver Web GUI

Connect to your DataSaver

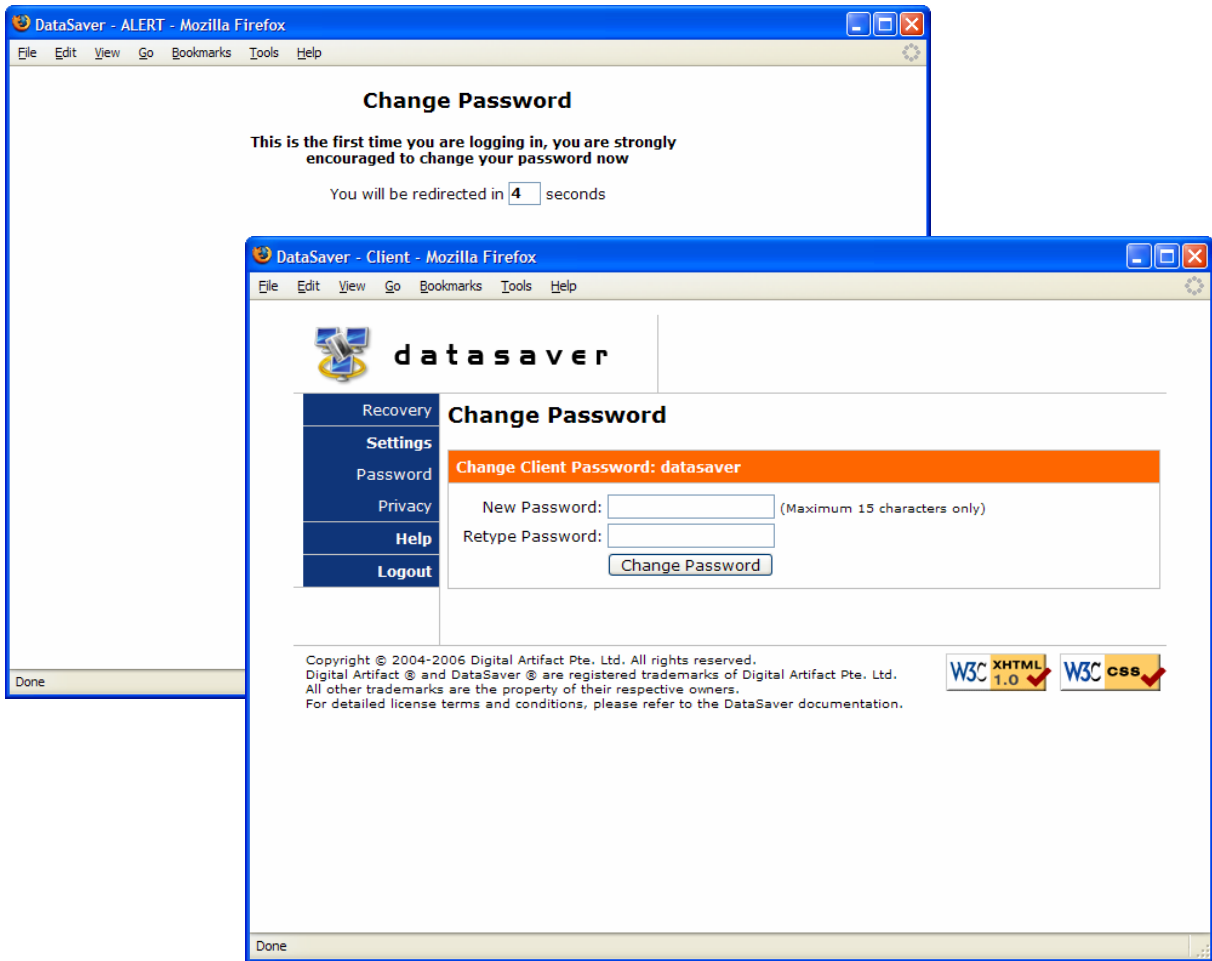
Connecting to your DataSaver can be done by running your favorite web browser (e.g. Microsoft Internet Explorer or Mozilla Firefox), and key in your DataSaver's IP address. You must use this method if you are trying to connect to your DataSaver from outside your office. Please contact your Administrator to find out the correct DataSaver IP address.

You should now be presented with a login screen. Key in your Client Name and Password. If you do not know your Client Name or Password, please contact your Administrator.



Remember, client names and passwords are case sensitive.

If this is your first time logging into the DataSaver, you will be prompted to change your password.



You can also click on the **Password** button on the menu bar on the left to change your password later.

Remember to change your password to protect your information.

Once you have logged into the DataSaver, click on **Recovery** button on the menu bar on the left to start recovering files and folders.

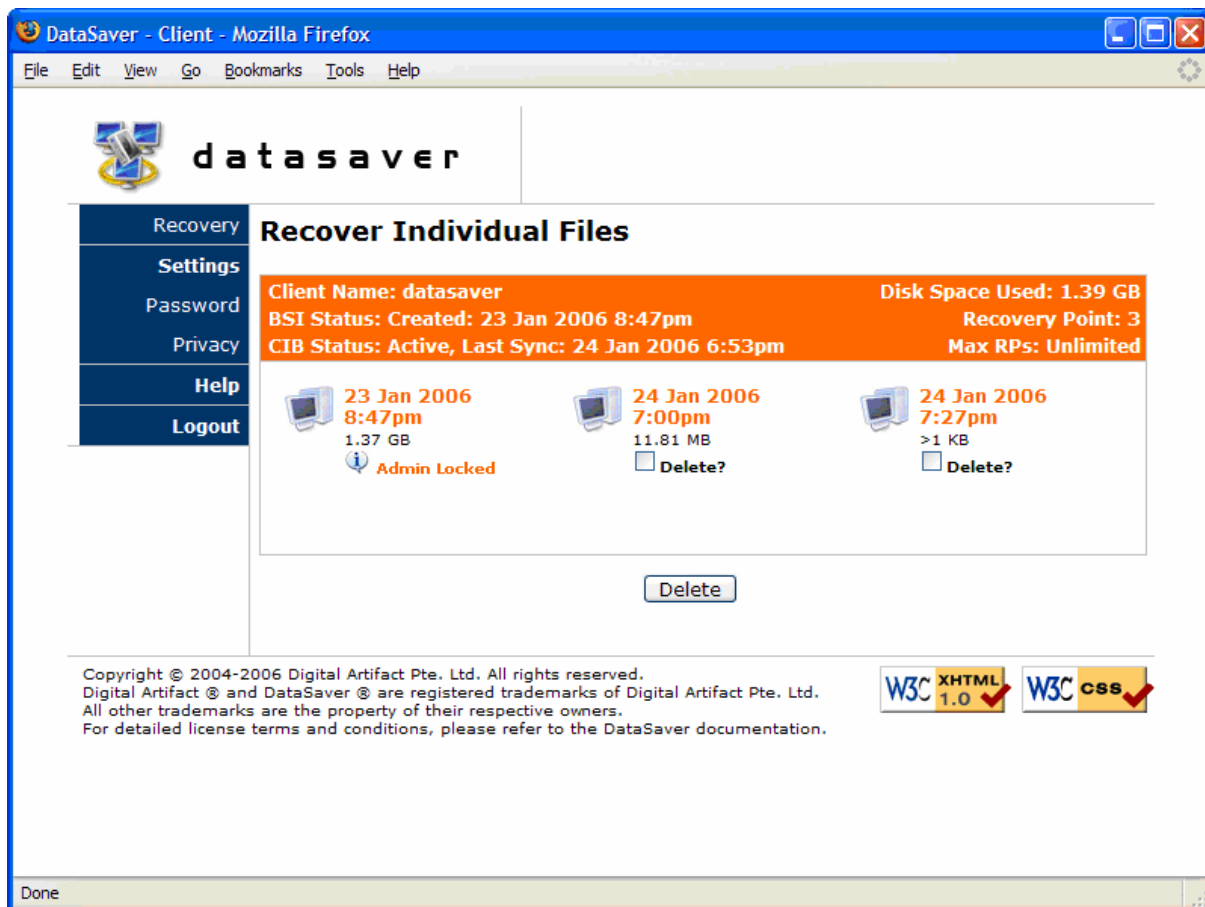
When you have finished, always remember to click on the Logout button.

PART II

Recovering Some Files and Folders

Viewing Your Recovery Points

The DataSaver will display a list of all your own Recovery Points.



If you have files that are opened and changes have not yet been saved while a Recovery Point/Snapshot is being created, some data loss or corruption may occur. Such data loss and corruption may result in the Recovery Point being corrupted and unusable. These files/data are still captured by the Recovery Point but cannot be guaranteed to be totally free of data corruption. This corruption may be a result of file writes that are incomplete or unwritten data buffered in applications. Such data loss and corruption (is similar to that after a system failure or power outage and also known as “crash-consistent” state) may result in the Recovery Point being corrupted and unusable. Recovery Points are at “crash-consistent” state.

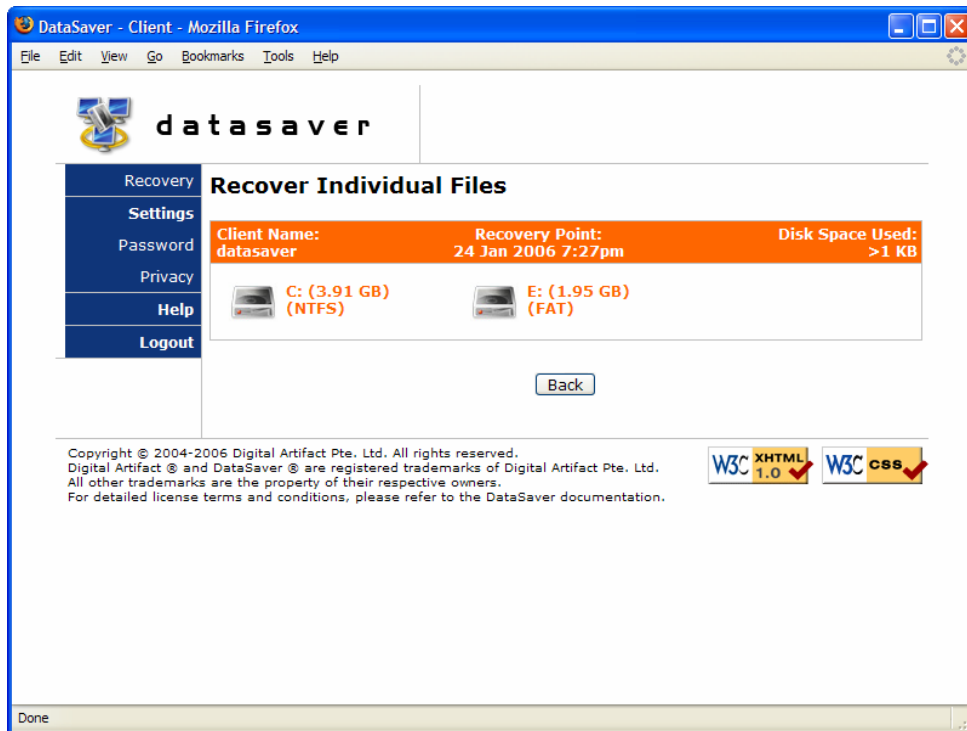
It is highly recommended that you save your work often and regularly to ensure all data are captured properly in the Recovery Points.

Some Recovery Points may be locked by the Administrator, and you will not be allowed to delete these Recovery Points. Please check with your Administrator if you are unsure.

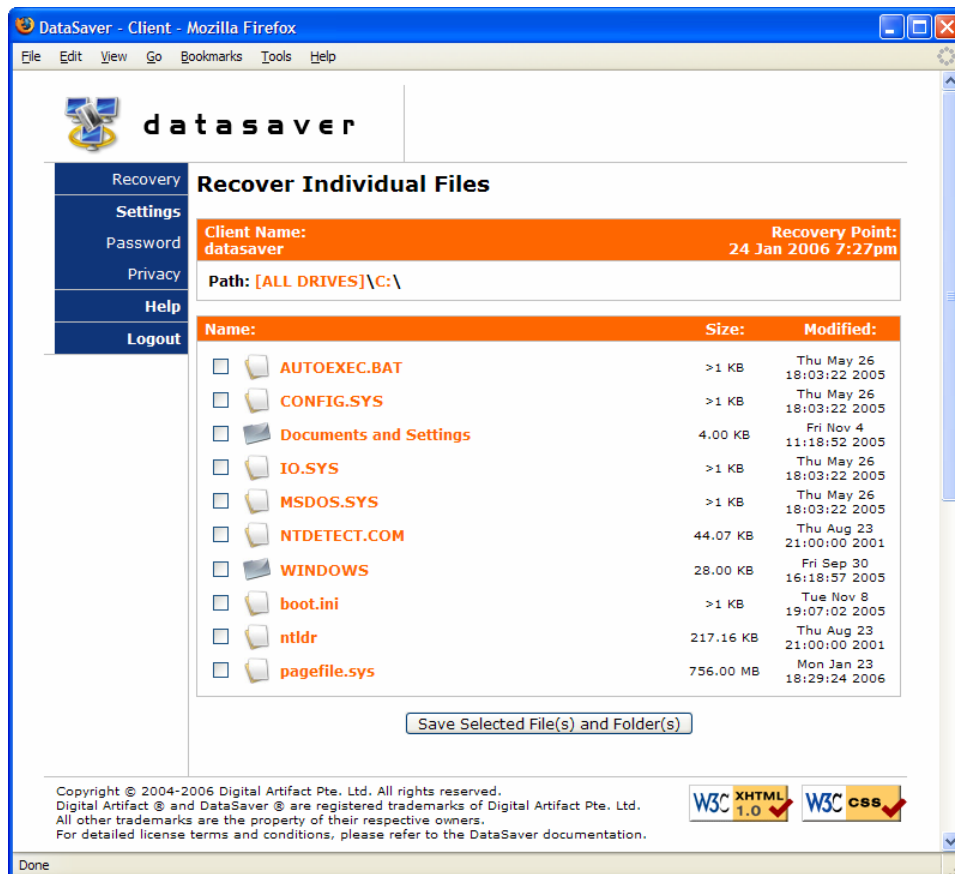
Click on any one of the Recovery Points to recover files or folders from it.

If your last Recovery Point seems rather old or outdated, you can click on the Perform Snapshot Now button to create a new Recovery Point with the newest and latest changes in your computer.

Upon accessing one of your Recovery Points, the DataSaver will display the drives inside of it. Click on the disk drive you wish to browse.



You can then browse the drive and view the files and folders inside. This is also where you can restore files and folders to your computer.



Use the **Path** bar at the top to navigate from folder to folder.

Path: [ALL DRIVES]\C:\Documents and Settings\demo\My Documents\

Click once on a folder to see the files and sub-folders within it.

 **My Pictures**

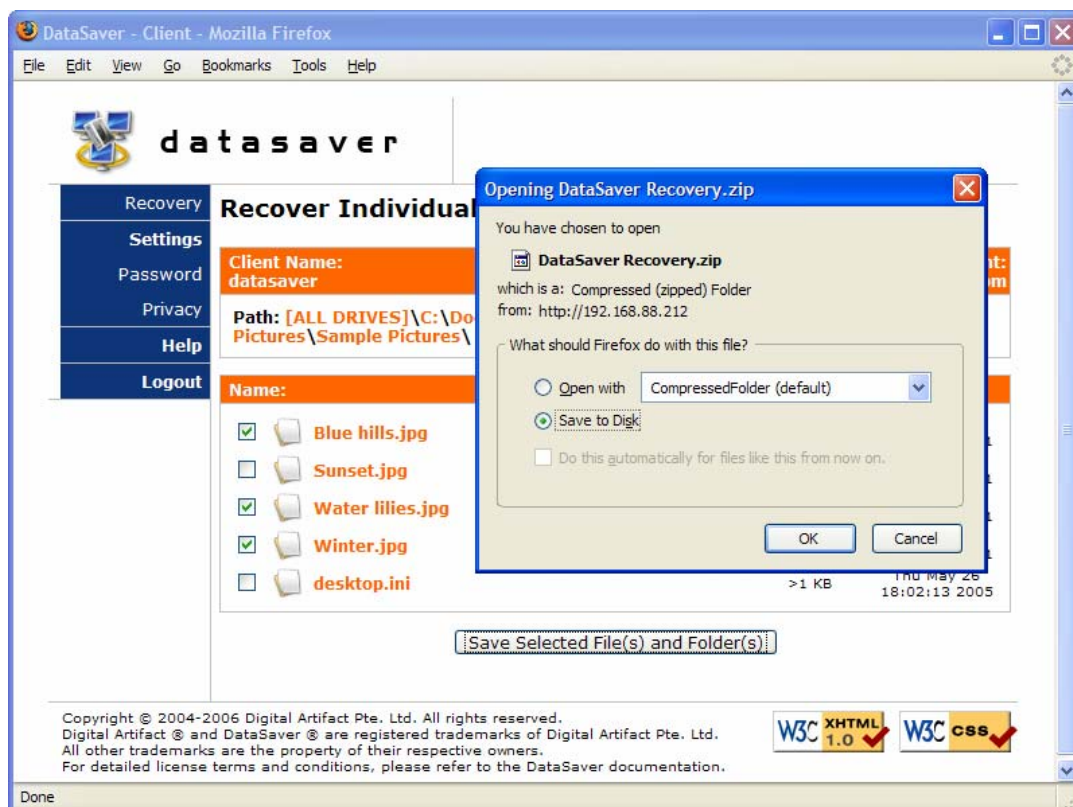
To recover a single file, just click once on the file name.

 **DataSaver Administrator's Guide.pdf**

However, to recover a folder or multiple files, mark the checkboxes next to the files and folders you wish to recover and then click once on the **Save Selected File(s) and Folder(s)** button.

 **DataSaver**  **My Pictures**

The DataSaver will then prompt you to save your files and folders as a compressed zip file to your computer.



PART III

Recover an Entire System

Booting a Crashed Computer

If your computer has crashed and is unable to boot, you can use the DataSaver's Zero-to-Everything Recovery to recover and restore the entire system from scratch.

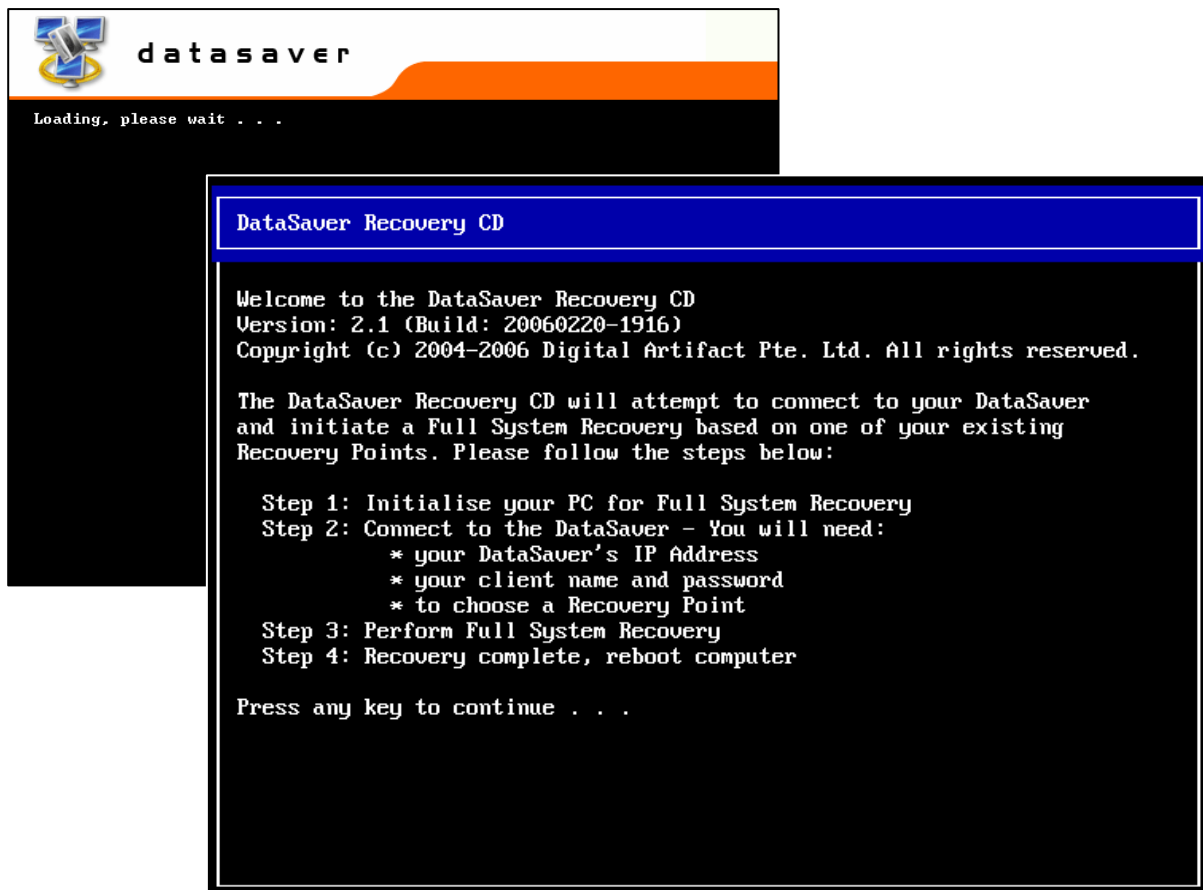
First, you should prepare the following information before you begin the recovery:

- Your DataSaver's IP Address – Check with your Administrator if you are unsure
- Your Client Name
- Your Password

Insert the DataSaver Recovery CD into your computer's CDROM drive and boot the CDROM.

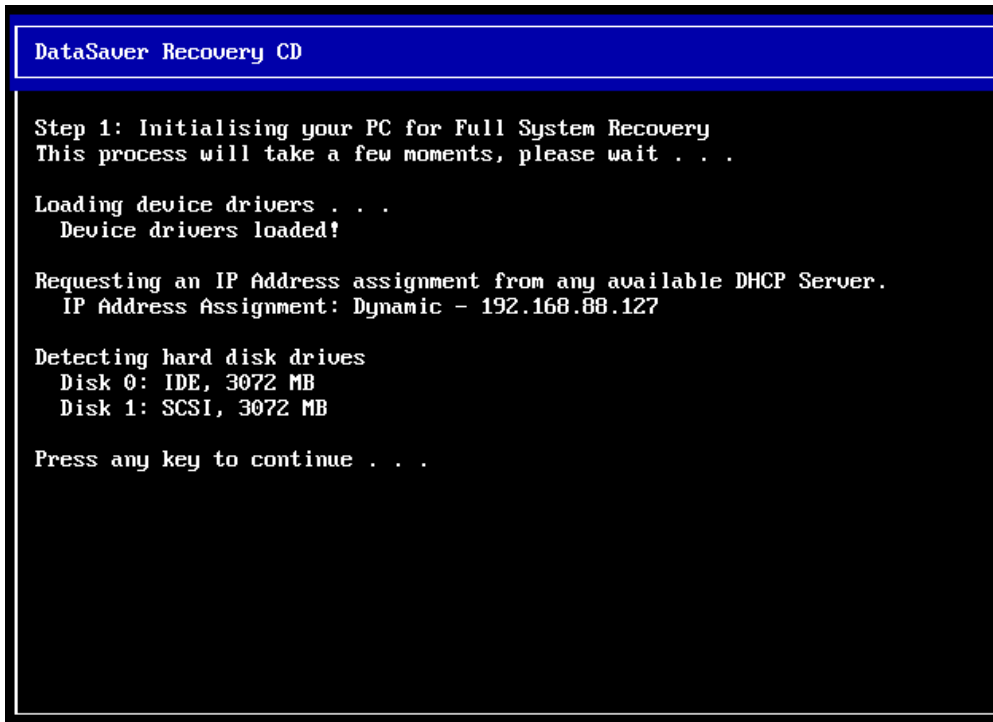
Always keep several copies of the DataSaver Recovery CD within easy reach for use in an emergency. If you cannot locate your DataSaver Recovery CD, you may download a new one from the DataSaver website.

After the DataSaver Recovery CD has successfully booted, you will see an introductory screen.



After you have read the introduction, press a key to continue.

The DataSaver Recovery CD will now initialize your computer in preparation for Zero-to-Everything Recovery.

A screenshot of the DataSaver Recovery CD boot screen. The title bar at the top is blue and contains the text "DataSaver Recovery CD". The main area is black with white text. The text reads: "Step 1: Initialising your PC for Full System Recovery", "This process will take a few moments, please wait . . .", "Loading device drivers . . .", "Device drivers loaded!", "Requesting an IP Address assignment from any available DHCP Server.", "IP Address Assignment: Dynamic - 192.168.88.127", "Detecting hard disk drives", "Disk 0: IDE, 3072 MB", "Disk 1: SCSI, 3072 MB", and "Press any key to continue . . .".

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DataSaver Recovery CD

Step 1: Initialising your PC for Full System Recovery
This process will take a few moments, please wait . . .

Loading device drivers . . .
Device drivers loaded!

Requesting an IP Address assignment from any available DHCP Server.
IP Address Assignment: Dynamic - 192.168.88.127

Detecting hard disk drives
Disk 0: IDE, 3072 MB
Disk 1: SCSI, 3072 MB

Press any key to continue . . .
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The DataSaver Recovery CD will attempt to obtain an IP Address automatically from your network. However, if it is unable to, it will prompt you for a Static or Fixed IP Address which you will need to obtain from your Administrator.

Your computer must have a valid IP Address in order to communicate with the DataSaver. If you are unsure, please contact your Administrator.

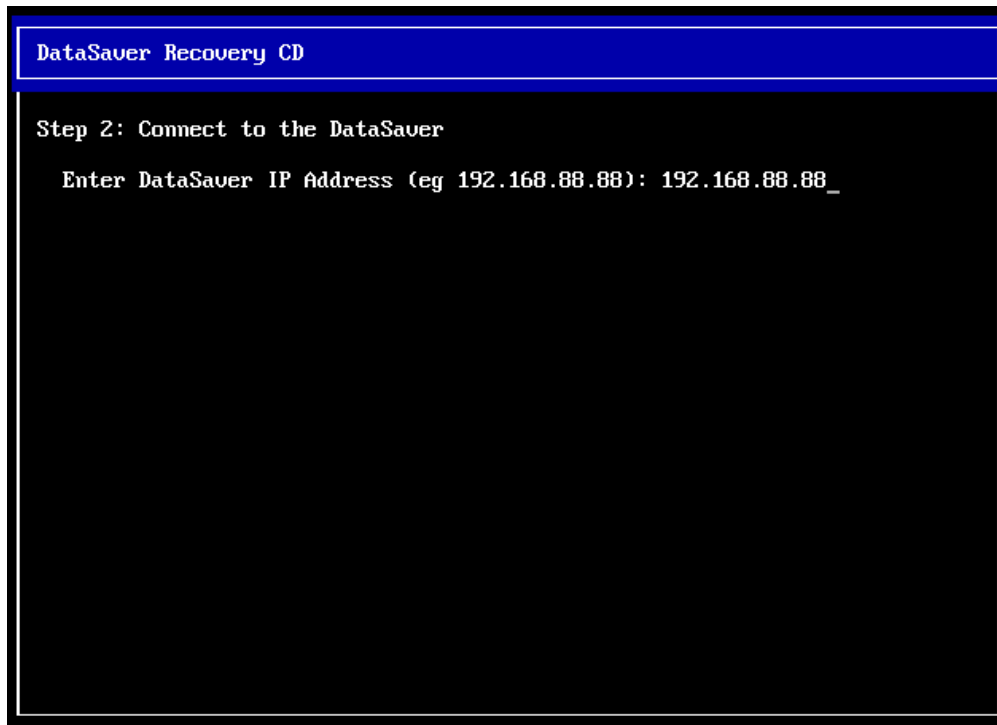
The DataSaver Recovery CD will also display a list of hard disk drives it has detected in your computer. You should check that the list of hard disk drives detected is accurate.

Remember that your disk drive must always be equal or larger in size than the disk drives when you created your backup. The recovery will not continue if there is not enough disk space / capacity.

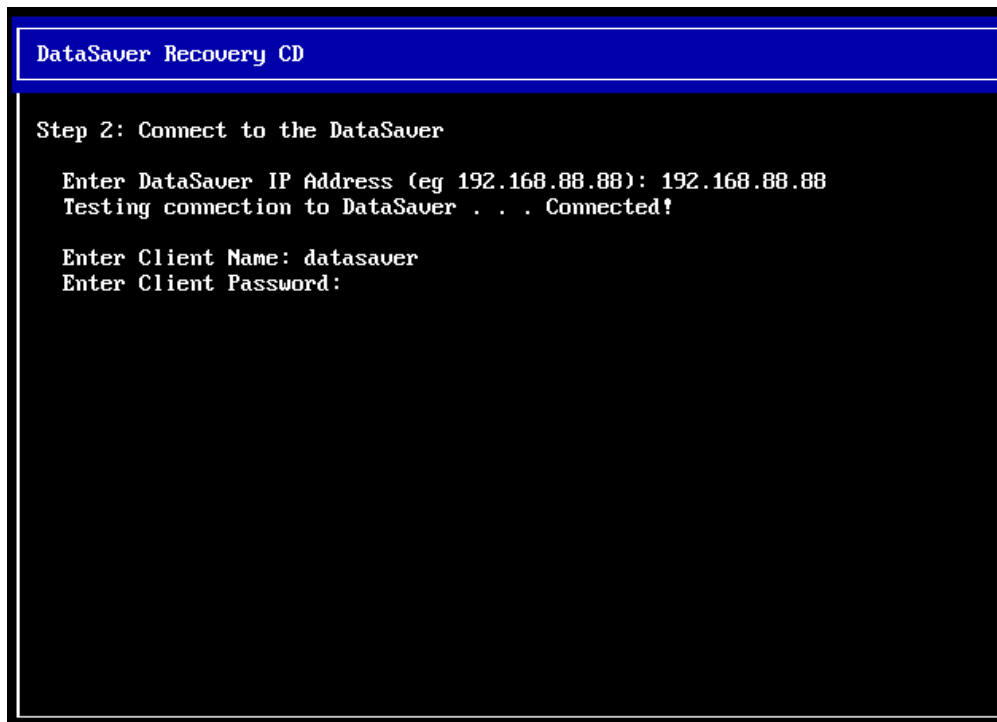
If you have a valid IP Address and the list of hard disk drives is correct, press a key to continue.

Connecting to the DataSaver

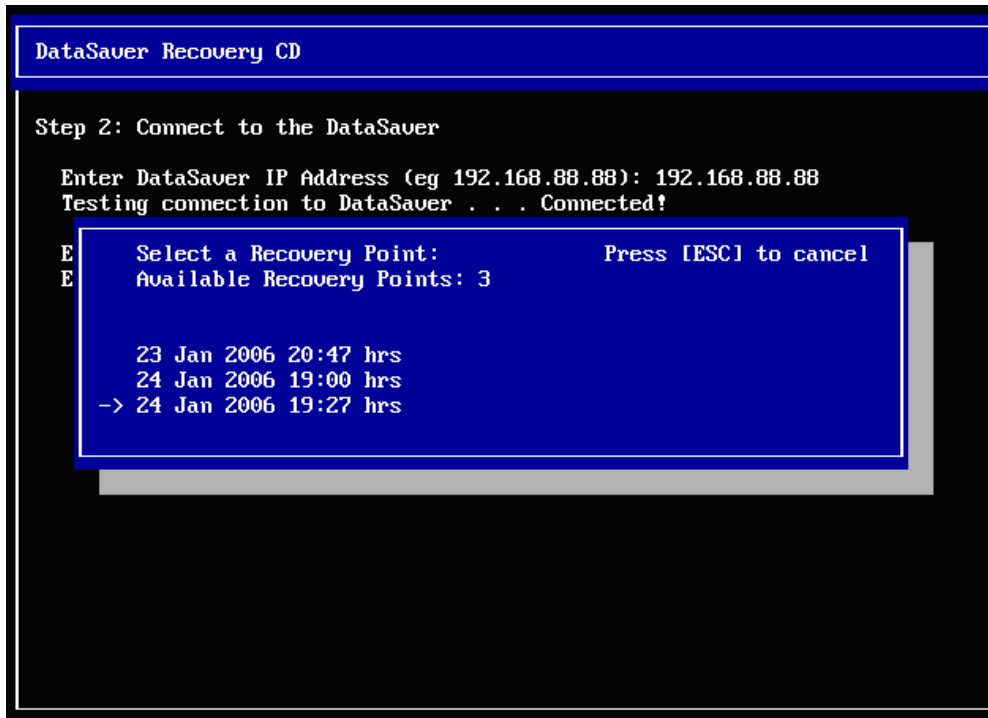
You will now be prompted to enter the IP Address of the DataSaver.



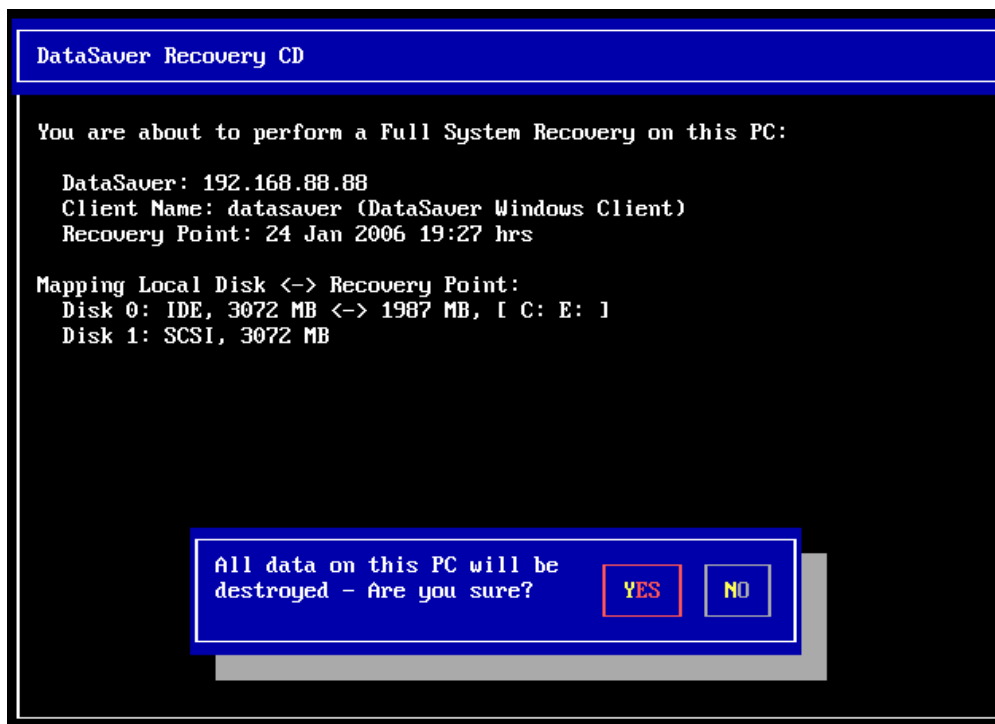
If the DataSaver can be found, you will then be prompted to enter your Client Name and Password.



If you have entered a valid Client Name and Password, you will then be prompted to select a Recovery Point. Use the Up and Down arrow keys to move the cursor up and down.

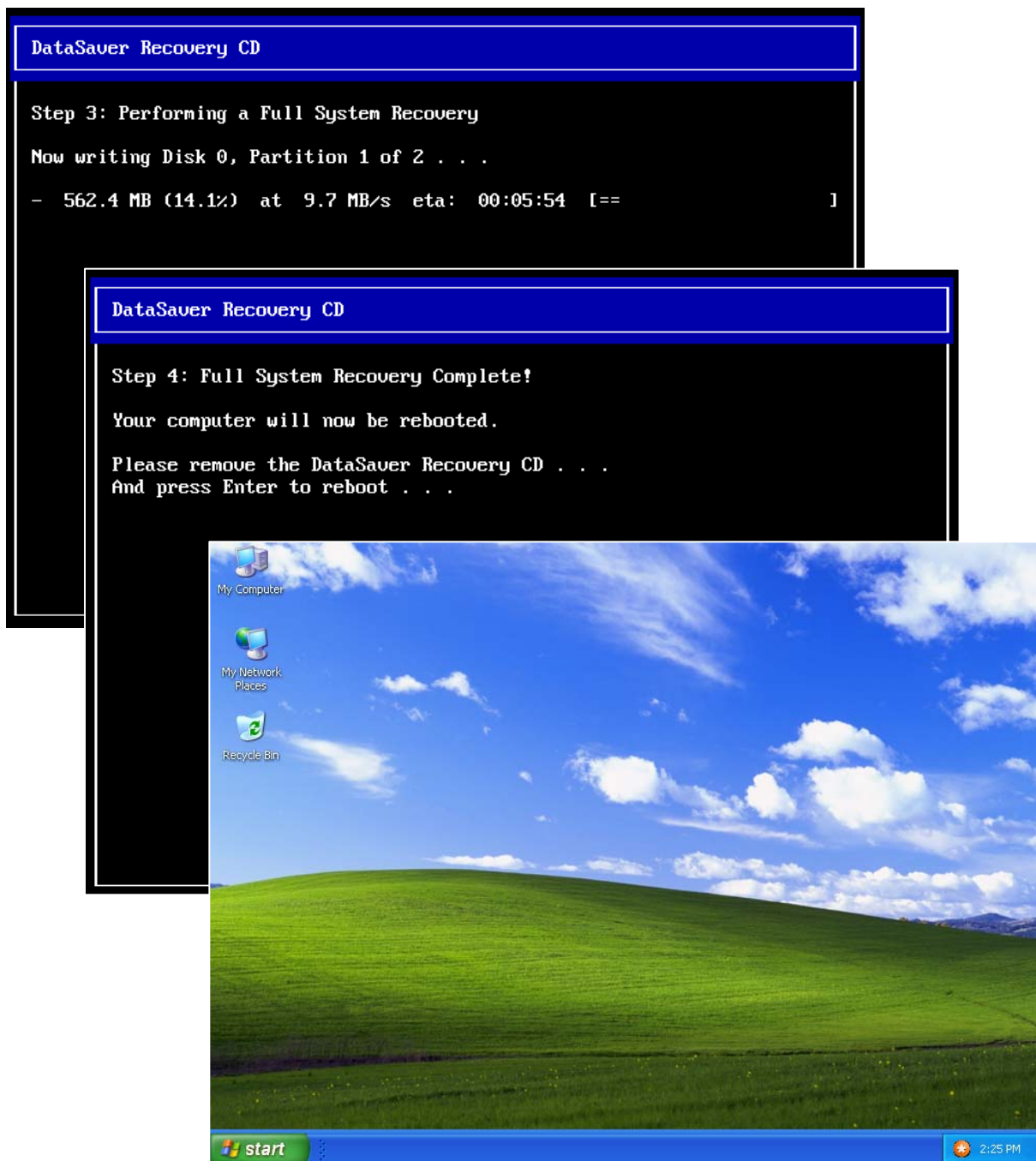


Once you have found the Recovery Point that you wish to restore, press the **Enter** key. You will then be presented with a confirmation screen. Please check to make sure the details are correct. If they are, select **Yes**.



If your computer has any existing data on it, it will be erased!

Zero-to-Everything Recovery will now begin. It may take some time to complete, depending on how much data you have. It will run automatically and will have no further prompts until it is complete.



When the recovery is complete, remove the DataSaver Recovery CD from the CDROM drive and press the **Enter** key to reboot the computer. Your normal system, software, programs, files, folders and settings should have been completely restored and you can get back to work.

After completing a Zero-to-Everything Recovery and restoring an entire system, you must create a new Base System Image to start your backup again. After the Base System Image has been completed, Continuous Incremental Backup will then continue to protect your computer.

Digital Artifact

preserve

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