

PC Playback Software Users Guide



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Introduction

The PC playback utility allows the viewing and authentication of image sequences recorded using Dedicated Micros digital hard disk recorder products.

The PC Playback software can be used to view images recorded to tape (HP DDS, Ecrix), disk (Zip[®] or Jaz[®]), or files recorded using the 'File export' function.

Requirements

PC playback requires the following specification of PC:

- Intel Pentium PC or equivalent (233 minimum, PII 400MHz or above recommended)
- Windows 95, 98, Me, 2000*, XP
- Video card capable of 24-bit colour display at 800x600
- 5Mb Free hard disk space for software installation (additional space is required for holding image files)

* PC Playback is not compatible with Windows 2000 Server

Playing back images

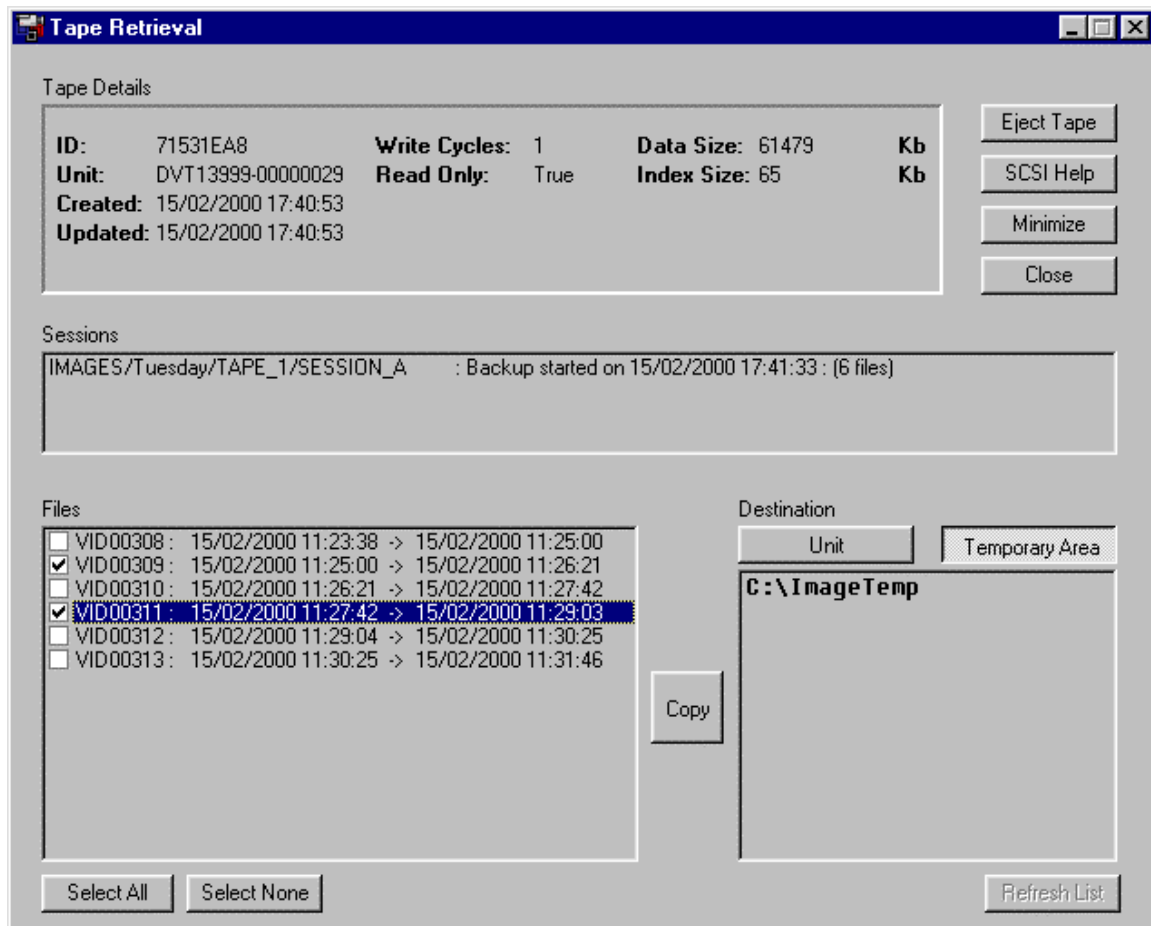
The method of playing back images differs slightly depending whether the images are played back from a tape, Zip[®] or Jaz[®], or from an exported file.

Playing back images from a tape

Important: Ensure that Tape drive is connected and is switched on when the PC is started up.

In order to view images stored on tape the images must first be copied to the local hard drive of this PC. To copy images to your PC:

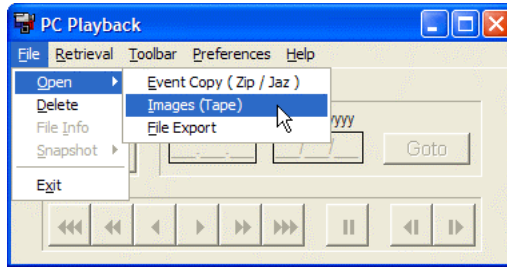
1. Attach the tape drive unit to the PC (Install a SCSI card and relevant drivers first if necessary)
2. Install and run the PC playback software if it is not currently installed.
3. Click on **Retrieval** -> **Tape** in the menu option.
4. Insert a tape into the tape drive, the tape index is automatically generated displaying a list of available files along with the time ranges contained within them. An example can be seen below:



Tip: If your tape drive is not detected use the SCSI Help screen to reset the SCSI Device.

5. Select the required files to be transferred by checking the boxes in the list. Clicking the first item in a section and then holding down the SHIFT key when selecting the last item can make multiple selections. Using the CTRL key will clear items in the same way.
6. Select a destination for the files to be copied to (either a temporary area or a unit directory from the list). Units can be added from the **Preferences** -> **Unit Admin** menu option.

7. Click on the **Copy** button to transfer data files to your chosen directory.
8. Open the files by clicking on the **File -> Open -> Images (Tape)** option, as below:

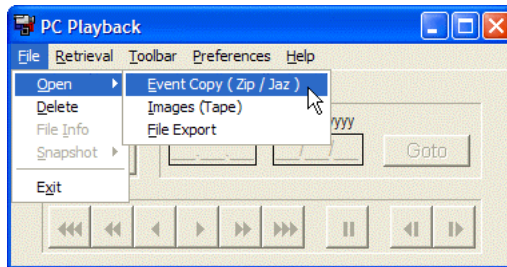


9. Select a folder and click on the required file to be played.

Playing back images from a Zip® or Jaz® disk

Images can be played back directly from a Zip® or Jaz® disk. To play back from the disk:

1. Attach the Zip® or Jaz® drive unit to the PC (Install relevant drivers if necessary)
2. Install and run the PC playback software if it is not currently installed.
3. Click on **File -> Event Copy (Zip/Jaz)** option in the menu, as below:

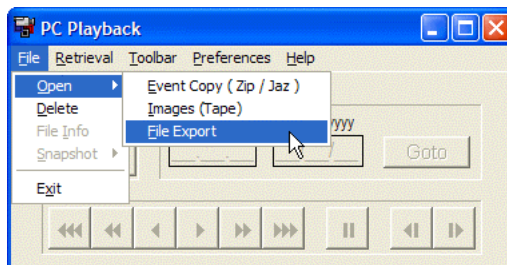


4. Select a folder and click on the required file to be played.

Playing back images copied using the 'File Export' function

Images can be copied from the digital recorder onto a PC's hard disk using the 'File Export' function of the Network Viewing Software. These images may have been stored on another media such as CD-RW. Images can be replayed directly from the external media, but it is advisable that the images are copied to your hard disk for smooth playback.

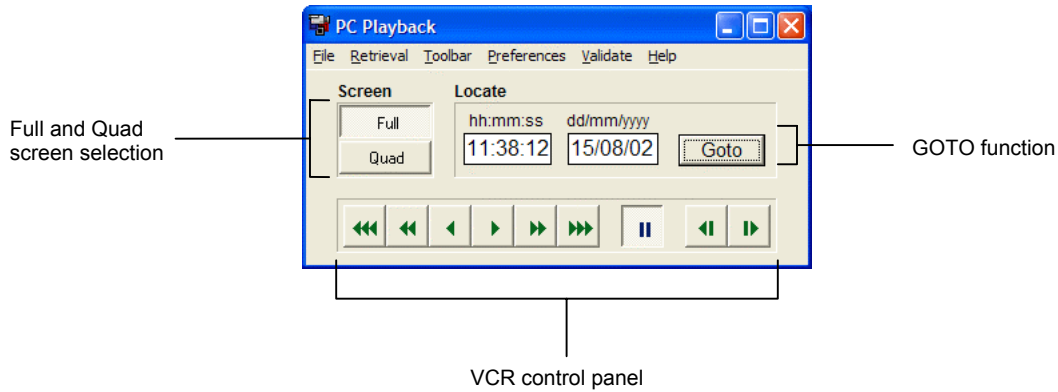
1. Insert the CD into the CD-ROM drive (if applicable)
2. Install and run the PC playback software if it is not currently installed.
3. Click on **File -> File Export** option in the menu, as below:



4. Select a folder and click on the required file to be played.

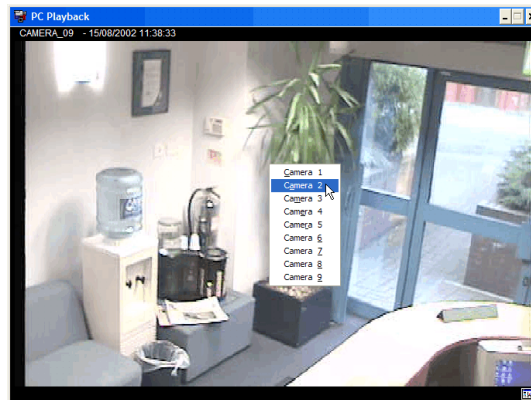
Controlling image playback

Once the image file has been loaded it is possible to playback the images as if you were using a VCR, goto a particular time and date, or view in full or quad screen:



Selecting cameras

Right click on the video window to display a drop-down list of available cameras. Click on the required camera to display that camera in the video window.



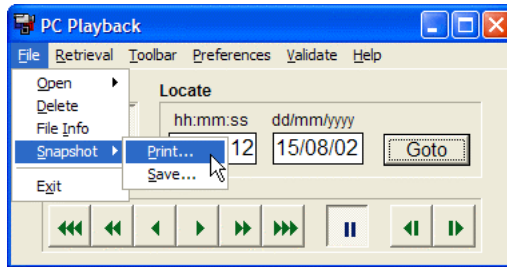
Adjusting the video window size

Move the mouse pointer to the bottom right hand corner of the video window, the pointer should change to allow a diagonal resize (↘). Drag the video window to the required size.

Other options

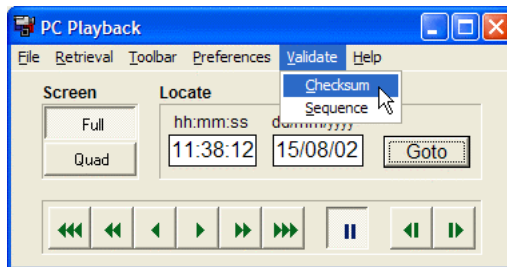
Saving or printing a snapshot image

It is possible to save a paused image as a JPEG or bitmap (BMP) image for emailing or printing at a later date. Alternatively, you can print the paused image directly using the print option as below:



Validating the images for authenticity

It is possible to validate the images for authenticity. This ensures the images have not been tampered with after they were taken from the digital recorder. There are two types of validation: Checksum – checks if the individual images have been tampered with, and Sequence – check if the sequence of the images has been tampered with, i.e. a sequence of images removed. To validate the images, click on **Validate -> Checksum** or **Validate -> Sequence** as below:



Displaying the PC Playback software as a toolbar

The PC Playback Software can be displayed as a toolbar if required. Click on the Toolbar menu option to display the toolbar:

