The eComStation installation CD contains many directories and files that can be downloaded (digitally) as an ISO file that can then be turned into an actual CD copy of the full product.

Burning your eComStation ISO's on CD ROM

When you normally insert a CD ROM and view the contents with a file browser you can see the directories and the files on the CD ROM. The location of the files on the CD ROM and the names of directories and files are stored in a file system. The file system that is used very often on CD-ROM is called ISO 9660. Other well known file systems are HPFS, JFS, FAT and NTFS.

An ISO file is basically an IMAGE file that contains all directories and files you NORMALLY see in the file listing. For this reason you must burn it to a CD in "RAW" or Image mode. We can not give instructions for every CD ROM burn package on the market, since not every package uses the same terminology. With most CD ROM burn software you can choose to either assign a drive letter to your CD burner or write an ISO file to a CD ROM.

To properly create the exact copy of the original CD from the .ISO file, look for an option in your CD burning software that reads something along the lines of "Burn Image" or "Create a CD from ISO". Then locate the .ISO file that you have downloaded and burn the image onto a CD.

When you normally copy files from hard disk to a CD ROM you copy files and/or directories to the CD ROM. An ISO file however can **not** just be copied to a CD ROM as a normal file from a hard disk. If you would do that you would end with a CD ROM with only that single ISO file visible in a file listing. In addition to directories and files, CD images also contain information about the boot sector (among other characteristics) of the CD that it is cloning.

NOTE: There are other types of CD images available, such as Nero (.nrg) and CUE sheets (.cue & .bin), RSJ uses the .trk extension. All these files can be treated as ISO just the same. ISO is a widely used format and is also used to create the eComStation Installation CDs.

Save yourself a lot of time

Burn the CD's at **4** speed, not faster, this may result in problems with starting from CD ROM or installing software from CD ROM! If your CD recorder does not supporting recording a CD at 4 speed, then choose the lowest burn speed you can select.

Download:

First you need to download the ZIP files containing the eComStation ISO files. These are available for registered customers and can be downloaded as (very large) zipfiles. It is best to use a Download Manager that you are familiar with, so that the download can be resumed if the connection drops. This will help to ensure that the file is retrieved fully intact.
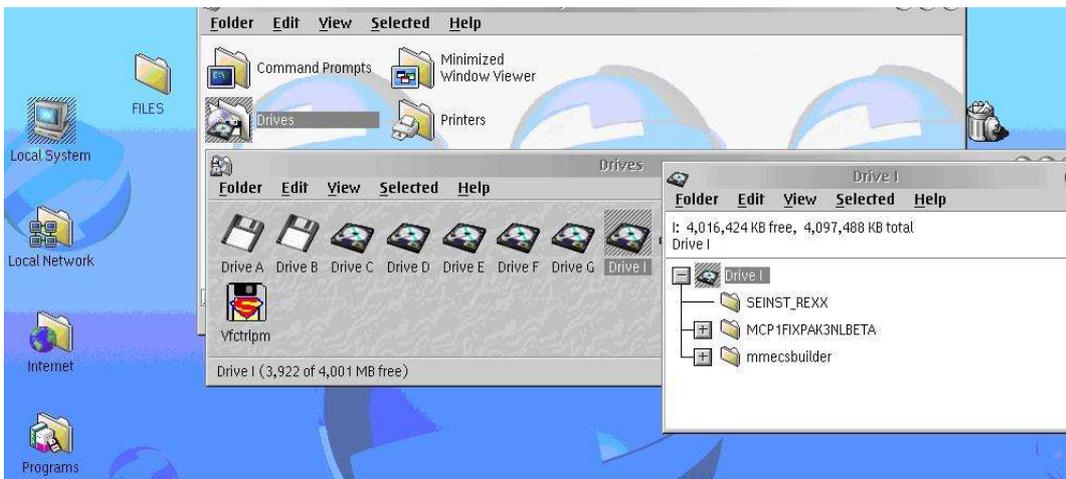
The following pages describe burning the ISO under eComStation (or OS/2) and Windows and assume you succesfully downloaded the ISO files.

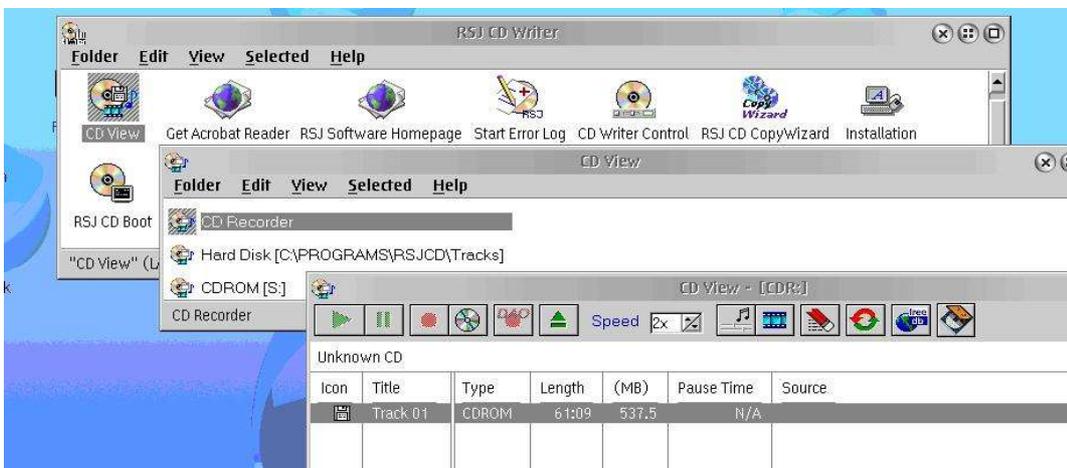# Creating eComStation install CD's under OS/2 /eComStation with RSJ

Before you start the download of the eComStation images make certain you have enough diskspace. Each ZIP file requires between 400 to 550 MB of diskspace. In addition, the ISO file also needs to be unzipped. (An ISO file for a CD has a maximum size of 650 MB).
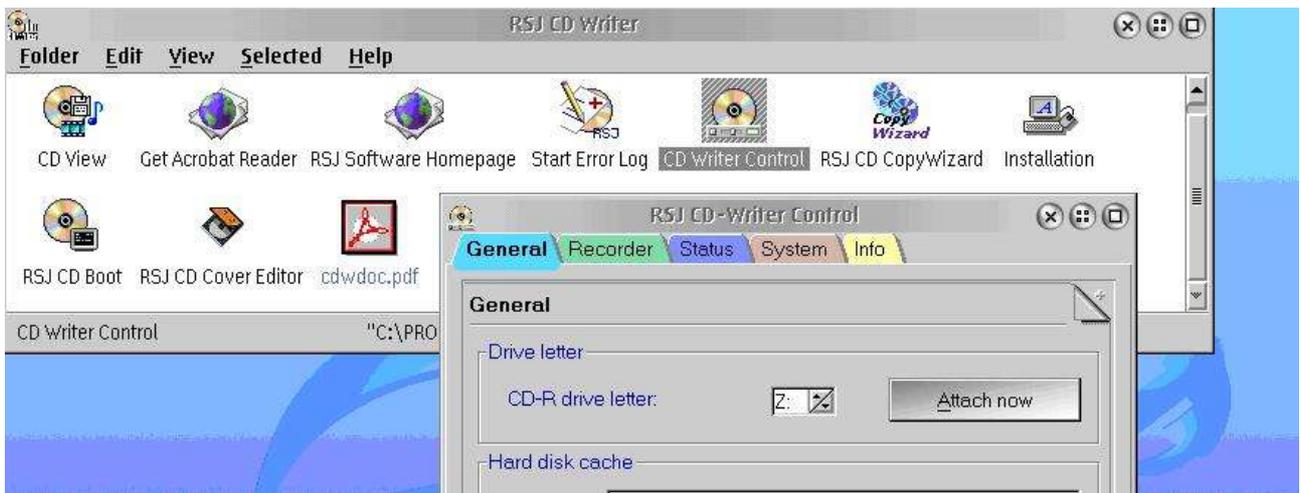
The following instructions apply only if you have installed the commercial CD ROM burn software RSJ for OS/2/eComStation (this is available from www.rsj.de)

From your Desktop open the folder "Local System" and "Drives", select the proper "Drive ?" and the folder (directory) that contains the ISO images. (On an OS/2 System the folder Local System is called "OS/2 System".

From your Desktop, open the folder that RSJ created. Open the "CD VIEW" folder and then open "CD recorder". Drag and Drop the ISO file in the "CD VIEW CDR" window. Drag and drop means that you select the ISO file in the orginal folder and press the right mouse button. Hold the mouse button and drag it to the "CD VIEW CDR" window. Release the mouse button. On an OS/2 System the folder Local System is called "OS/2 System". Set the burn speed to 4x and press the red button (third button from the right as shown in the picture below). It will take about 15 minutes for a CD to be recorded. When its finished, press the button next to the record button to finalize the CD ROM.

To burn an ISO with RSJ you should ***never*** give your CD burner a drive letter and copy the ISO file to this drive letter.

Creating eComStation install CD's under Windows

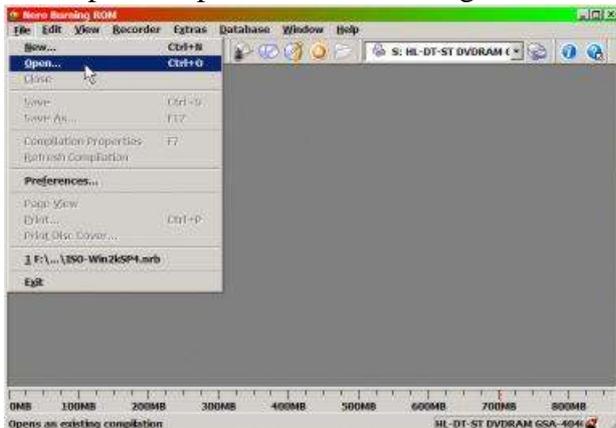*This is a short description on how to create eComStation installation CD's under Windows.*
This section was written by Robert Traynor (BobT), november 2003.

Using Nero 6 You can use Nero (www.nero.com) to burn the *.ISO or (RSJ) *.TRK files to CD-rom blank disk. **Both *.ISO and *.TRK files will be treated by Nero as one and the same.**
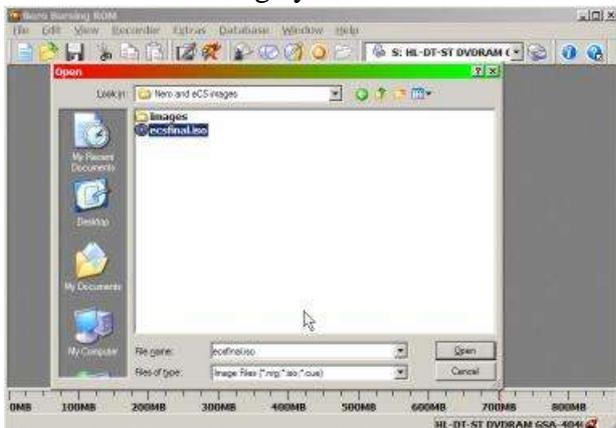

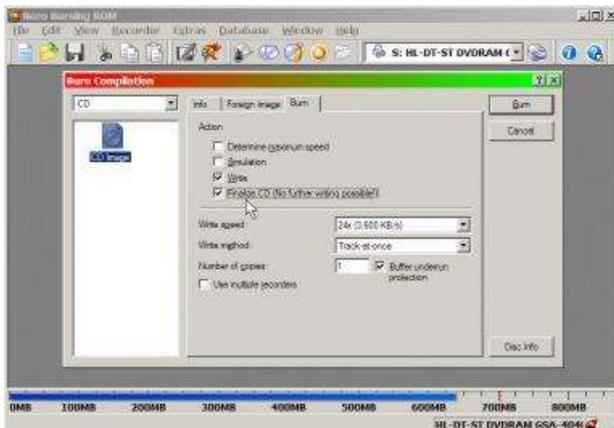Run Nero 6 and Cancel the Wizard interface or Cancel the manual Interface as shown below.

File-Open and point to the ISO image.

Locate the ISO image you wish to burn out to the CD Blank disk.

Make sure you have the setting ticked to "**Finalize**" the CD. There are **NO** other settings you can or should change.

Possible problems

Usually Nero will complain if the ISO image is badly corrupted, but minor corruptions can be ignored. If you cannot see the resulting cd, check it after a reboot.

If after the reboot there are still no files visible on the CD, you might have a windows problem with another program interfering with the burning by Nero 6, a faulty cd burner, a faulty ISO image or even faulty or inappropriate cd blanks.
The list of possible problems is endless.

One example of interfering programs is **Easy CD Creator** by Roxio and **Nero**. These cannot be installed in the same Windows installation together. Either use one or the other. Both programs will burn ISO /images to an empty CD recordable.
The CD disk MUST be a new and completely **BLANK** before you start.

Checking the ISO with WinISO You can open the ISO image in a program like WinISO which is available in a trial mode with some restrictions and available from www.winiso.com

About the unregistered version of WinISO:
The limit of unregistered version are as following:

- Can not extract a file greater than 3MB.
- Can not convert an image greater than 100MB.

- Can not save an image greater than 100MB.
- Can not save an image greater than 100MB as new file.

If the ISO opens under **WinISO** and you can view some of the files inside then it would at least indicate that the ISO was likely to be ok.

TRK versus ISO:

A *.TRK file is to all intents and purposes a *.ISO, the only real difference between trk and iso is that trk has a 40-byte header at the beginning of the *.trk file which contains information specific to RSJ CD writer.

To load either type of file in Nero 6, just put a * in the entryfield and it should load. If you wish to change a *.trk file to a pure *.iso file then you can use a small utility to do so. This utility can be found at Hobbes: http://hobbes.nmsu.edu/pub/os2/apps/mmedia/cd/cd-r/trk2iso.zip

There are both Win32 windows and OS/2 versions in the same zip file.

Conclusion:

It is entirely possible to create installation CD's of eComStation under Windows. Hopefully thes small instructions makes it easier for you to do so.