SoftPEG Tips
CompCore Multimedia Inc.
SoftPEG(TM) MPEG Software Decoder
Version 2.1

Thank you for installing the latest version of the CompCore SoftPEG(TM) MPEG Software Decoder.
This version of the software contains many new features and functionality. Please read this entire document to get the most out of the CompCore SoftPEG(TM) MPEG Software Decoder.

This version of the CompCore SoftPEG(TM) 2.1 MPEG Software Decoder contains the final release for **Windows 95** and Windows 3.1x.

Some of the functionality differences that you will notice between the Windows 3.1 version and the **Windows 95** version is that there is no longer support for VGA adapters using DCI and no longer support for CD-i (Green Book Format) CD-ROM VideoCD's under the Windows 95 32 bit CD ROM File System. Also keep in mind that **Windows 95** requires alot more resources than Windows 3.1x, which means that you may need to upgrade your system to achieve the same performance with the CompCore SoftPEG(TM) MPEG Software Decoder as you did on Windows 3.1x.

Here are a few of the ways to lessen the impact on performance when using **Windows 95** -

1. We recommend running on a Pentium 90 Mhz system or higher for better overall system performance.

2. Make sure you have at LEAST 8 megabytes of system memory with 16 megabytes being the preferred amount of installed memory.

3. Make sure you are using a PERMANENT swap file and not a TEMPORARY swap file for virtural memory management or let Windows 95 manage this automatically.

4. Make sure you have set up your CD ROM correctly using the 'File System Properties' for 'CD ROM' in the 'System Properties' control panel. We recommend using a SCSI quad speed CD ROM drive versus an E-IDE quad speed CD ROM drive for better performance. If you are using an E-IDE CDROM drive, make sure that the CDROM drive is connected to its own E-IDE port on the system board or adapter card and NOT daisy-chained to the E-IDE hard drive. You will need to have a separate IDE cable for this type of configuration.

5. Make sure you have installed the DirectDraw drivers if your VGA adapter supports them. We recommend using a VGA adapter that supports color space conversion and hardware scaling in conjuction with the DirectDraw drivers.

6. Increase the amount of CPU Utilization from the device configuration panel when accessing SoftPEG(TM) from a 16 bit application. The CPU Utilization control slider has no effect when SoftPEG(TM) is accessed from a 32 bit application.

The MPEG DV MCI functionality has been enhanced as well. One of the new additions was an extentsion to the SET item TIME FORMAT function to return the current byte position of the current frame. The format of the command is "SET item TIME FORMAT BYTES". Other commands have also been added or enhanced, please contact **CompCore Multimedia Inc.** for more information.

In our commitment to offer the latest in state-of-the-art MPEG tools we are pleased to include a copy of the **CompCore Multimedia Inc. CD Vision VideoCD 2.0 Player**. This player, which runs

on both Windows 3.1x and **Windows 95**, allows for the playback of VideoCD 2.0 interactive video CD's as well as VideoCD 1.1 CD's, MPEG ISO 9660 CD's and standard MPEG files. The player allows you to have all of capabilities of a standalone VideoCD 2.0 player on your PC desktop plus more.

In SoftPEG(TM) Version 2.1 we have added a new feature called CD16. CD16 allows the user to play any type of Digtial VIdeo CDROM disc (including CD-i), that was playable with the Windows 3.1x using the same hardware configuration and 16 bit CDROM File System (CDFS).

Please note that we are adding this support functionality **ONLY** for compatibity purposes and it is **NOT OFFICIALLY** supported or endorsed by the Microsoft Corporation or by CompCore Multimedia Inc. This support functionality is subject to change in the future.

The example below describes the Windows 95 16 CDFS installation using an ADAPTEC SCSI controller in conjuction with an SCSI CDROM drive. These steps will vary depending on the users particular hardware and software configuration.

STEP 1. Make **backup** copies of the **CONFIG.SYS, AUTOEXEC.BAT** and **IOS.INI** files.

STEP 2. Edit the **CONFIG.SYS** file and make sure the following lines exist -

```
DEVICE=C:\SCSI\ASPI8DOS /D
DEVICE=C:\SCSI\ASPICD.SYS /D:ASPICD0
```

STEP 3. Edit the **AUTOEXEC.BAT** file and make sure the following line exist -

```
C:\WIN95\COMMAND\MSCDEX.EXE /D:ASPICD0
```

NOTE: Make sure to use the Windows 95 version of MSCDEX.EXE.

STEP 4. Edit the C:WIN95**IOS.INI** file and **MOVE** the following line from the **[SafeList]** section of the file to the **[CDUnsafe]** section of the file -

```
aspicd.sys      ;     adaptec PM driver exists
```

STEP 5. Make sure to save all changes to the modifed files and restart the system.

STEP 6. Verify the 16 bit CDFS is being used by using the double-clicking on the "Control Panel" icon located in the "My Computer" program group to display the "Control Panel" program goup. Then double-click on the "System" icon to display the "System Properties" dialog box. The click on the "Performance" tab to display the "Performance status" information. Make sure that the CDROM drive (e.g. drive D:) is "Drive D: using MS-DOS compatibility mode file system".

NOTE: The drive letters and directories will vary depending on the users software configuration.

We welcome your comments and suggestions and can be reached via the Internet by sending EMAIL to "mpeg@compcore.com". We can also be reached by fax at 408-567-0586.

CompCore Multimedia Inc. in now on the Internet, please visit our Web page at "www.compcore.com" for the latest information on **CompCore Multimedia Inc.** news.