

Video for Windows 1.1 - Release Notes

Video for Windows Runtime is a Microsoft product that becomes part of your Windows operating system. Video for Windows enables you to play full motion videos within Windows. Video for Windows compatible video files have the file extension "AVI" (Audio Video Interleaved) and can be compressed in various formats. AVI video files can also feature up to two channels of sound which can be heard only on systems that have a sound card.

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Installing the Microsoft Video Runtime
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To set up the Microsoft Video Runtime:

1. Insert the runtime distribution disk into your PC's floppy drive.
2. From within Windows Program Manager, choose the Run command from the File menu.
3. From the Run dialog, enter your drive letter followed by the word SETUP. For example, if the distribution disk is in drive A:, then you would type

A:\SETUP

4. Choose OK.

This installs the Microsoft Video for Windows Runtime and updates the Media Player accessory. You can now play AVI sequences with the updated Media Player.

Files -----

This is the complete list of all files required by the Video for Windows runtime setup. After running the Video for Windows setup, the following files are put in these respective directories:

| Filename | Setup Directory |
|--------------|-----------------|
| ----- | ----- |
| acmcmps.dll | WINDOWS\SYSTEM |
| avicap.dll | WINDOWS\SYSTEM |
| avifile.dll | WINDOWS\SYSTEM |
| cleanup.reg | WINDOWS\SYSTEM |
| compobj.dll | WINDOWS\SYSTEM |
| ctl3d.dll | WINDOWS\SYSTEM |
| dispdib.dll | WINDOWS\SYSTEM |
| dva.386 | WINDOWS\SYSTEM |
| iccvid.drv | WINDOWS\SYSTEM |
| imaadpcm.acm | WINDOWS\SYSTEM |
| indeov.drv | WINDOWS\SYSTEM |
| ir_30.dll | WINDOWS\SYSTEM |
| ir21_r.dll | WINDOWS\SYSTEM |
| indeo.ini | WINDOWS\SYSTEM |
| map_win.hlp | WINDOWS\SYSTEM |
| mciavi.drv | WINDOWS\SYSTEM |
| mciole.dll | WINDOWS |
| mplayer.exe | WINDOWS |

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|--------------|----------------|
| mplayer.hlp | WINDOWS |
| mplayer.reg | WINDOWS |
| msacm.dll | WINDOWS\SYSTEM |
| msacm.driv | WINDOWS\SYSTEM |
| msadpcm.acm | WINDOWS\SYSTEM |
| msvidc.driv | WINDOWS\SYSTEM |
| msvideo.dll | WINDOWS\SYSTEM |
| ole2.dll | WINDOWS\SYSTEM |
| ole2.reg | WINDOWS\SYSTEM |
| ole2conv.dll | WINDOWS\SYSTEM |
| ole2disp.dll | WINDOWS\SYSTEM |
| ole2nls.dll | WINDOWS\SYSTEM |
| ole2prox.dll | WINDOWS\SYSTEM |
| profdisp.exe | n/a |
| storage.dll | WINDOWS\SYSTEM |
| typelib.dll | WINDOWS\SYSTEM |

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Documentation Updates
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1. You might see a "profiling display" message after installing or changing the display driver. This is normal. The system is determining the fastest method to access your display driver.
2. If you have upgraded from Video for Windows 1.0 to 1.1, and do not have an Intel Action Media II card or do not have Adobe Premiere installed on your system, you might get better performance playing your old Indeo (version 2.1) AVI files by changing the VIDC.RT21 entry in the [Drivers] section of your SYSTEM.INI file. Change the entry from INDEO.DRV to INDEOV.DRV. Refer to SYSINI.WRI for more information on how to modify your SYSTEM.INI file.

3. If your Windows 3.1 or 3.11 REG.DAT file is damaged or lost, you can restore the Video for Windows information in the file by using the following procedure:

In File Manager, double-click the following files in the SYSTEM directory of your Windows directory. Double-click the files in the following order:

1. MPLAYER.REG
2. OLE2.REG
3. CLEANUP.REG

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Troubleshooting and Performance Tips
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If Video for Windows is not functioning on your system, contact the manufacturer of your video display adapter (your SVGA card) for the latest Windows display drivers. Often, display drivers are updated on a monthly basis, so it is a good idea to call the manufacturer to ensure you have the latest drivers.

1. If your computer uses the double buffering feature of MS-DOS 6, AVI files may play slowly on your computer. If your CONFIG.SYS file contains command that starts SMARTDRV with the DOUBLE_BUFFERING parameter, add the /L switch to the SMARTDrive command in your AUTOEXEC.BAT file.

If adding the /L switch doesn't increase the playback speed enough, try removing the DOUBLE_BUFFERING parameter altogether. Before you remove DOUBLE_BUFFERING parameter, consult your Windows documentation or MS-DOS Help to determine whether your computer needs the parameter to run correctly.

2. Those using Videola Card may see the video player screen turn purple, violet or solid red during playback. Contact Orchid Technologies when this occurs.
3. Those using a Cirrus adaptor (or any adaptor that uses a Cirrus chip) may run into a "General Protection Fault in Module CIRRUS.CPK" or other crashes during video playback. Contact Cirrus for an update of thier drivers when this occurs.
4. Switching between greater than 236-color palettes and other palettes can cause the colors shown by MCI.AVI.DRV in an AVI sequence to look wrong.
5. Current 16-bit color drivers may have performance problems because they do not yet directly support 16-bit DIBs and must translate from 24-bit.
6. If you use older versions of Windows Sound System and other drivers, the audio may be out of synch with the video. Obtain updated Windows Sound System drivers from the Windows Driver Library (WDL). (For more information about the WDL, contact Microsoft Product Support.) For third-party drivers, contact your audio board manufacturer's technical support department to get an updated driver.
7. In some cases, AVI files compressed with the Indeo compressor may load a bit slowly if Indeo hardware is present.
8. If your computer uses the ET4000 chipset, runs a VGA driver, and full-screen playback does not work correctly, add the following line to the [386Enh] section of your SYSTEM.INI file:

 SysVMInSecondBank=FALSE
9. If you need the SVGA256.DRV driver, obtain it from the Windows Driver Library (WDL). For more information about the WDL, contact Microsoft Product Support.
10. If you use a Sound Blaster Pro driver, and use Media Player to play certain AVI files with a 16-bit, 22khz file format, the files will play incorrectly. The audio will play first, and then the video will play. To fix this problem, contact your sound board manufacturer for an updated driver.
11. Some Turtle Beach drivers play 44 khz stereo MSADPCM files incorrectly. If you are having problems playing these files, contact Turtle Beach for an updated driver.
12. If you install the Microsoft Multimedia Pack after installing Video for Windows, you need to update the Media Player information in the registry. To do so, carry out the following procedure:
 1. Start File Manager and switch to the Multimedia Pack CD drive.
 2. In the root of that drive, double-click the MPLAYER.REG file.
13. Versions of ATI's video accelerator prior to 2.1 do not work well with Video for Windows version 1.1. Installing the accelerator software after installing Video for Windows can overwrite Video for Windows version 1.1 components with components from the previous version. Avoid installing any version of the video accelerator unless it is specifically noted to be compatible with Video for Windows version 1.1.

The vidc.rlec=ativdacc.driv entry in the [installable compressors] section of the SYSTEM.INI file can cause problems when playing large RLE-compressed movies. Remove this entry from the SYSTEM.INI file.

Certain programs that create Indeo 3.2 compressed AVI files (such as PhotoMorph), will not function properly with older versions of ATI drivers. For updated drivers, contact ATI Technologies Inc.

14. If you are able to play some video files and not others, it is possible the video files you are not able to play were encoded using a video compression whose driver is not installed on your system.
15. Video files can be played back full screen using the Windows Media Player using the Configure option in the Device menu.
16. Video playback is limited by disk access speed, bus width, and processor speed. It is feasible that larger uncompressed video files will exceed the data transfer rate of your system resulting in sluggish playback or no playback at all.

The latest version of the Video for Windows Runtime is available on CompuServe ("GO WINMM") in the "Video for Windows" library.