

Re: MS Train Simulator Video Problem

Source:

<http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.games/2004-10/0477.html>

From: Chuck McGarigle (*Me_at_Here.there*)

Date: 10/19/04

Date: Tue, 19 Oct 2004 13:45:57 -0400

OK, I uninstalled the NVIDIA 61.77 drivers and reverted to the "generic" NVIDIA drivers that XP originally installed, which, interestingly, weren't WHQL either. Anyway, that didn't resolve the issues: directx9 test still doesn't display properly; MS Train Sim still has video problems; Finding Nemo still has video problems. All the other games that worked before with the 61.77 drivers still work with the back-leveled driver.

I'm going to install the 61.76 WHQL drivers from NVIDIA and see if that resolves the problem. I'm starting to think that the video card itself may be at issue?!

C

```
--
*****
"For evil to triumph, all that is necessary
 is for good men to do nothing."
*****
"Nick Kritselis [MS]" <nickk@online.microsoft.com> wrote in message
news:uJplrLIseHA.3276@TK2MSFTNGP10.phx.gbl...
> Chuck,
>
> I'm going to set up a test system here in our lab and see if I can
> reproduce this issue here. This may take a few days to get information
> for you, but as soon as I have information, I'll post again.
> --
> Thanks,
> Nick Kritselis [MS]
> --
> This posting is provided "AS IS" with no warranties, and confers no
> rights.
>
>
> "Chuck McGarigle" <Me@Here.there> wrote in message
> news:_uCdnQTRd7SOkPXcRVn-sg@comcast.com...
>> Nick,
>>
>> Well, tried the install for the 3rd time and the same results. This time
>> I installed using the defaults for the program, but that didn't help any.
>> When I start the program I can tell that the startup menu is on the
>> screen, but vertically, it shows up about 8 times with a lot of screen
>> flicker - same as when I do the directx9 test in dxdiag.
>>
```

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```
>> Chuck
>>
>> --
>> *****
>> "For evil to triumph, all that is necessary
>> is for good men to do nothing."
>> *****
>>
>> "Nick Kritselis [MS]" <nickk@online.microsoft.com> wrote in message
>> news:uJlJn4WrEHA.2696@TK2MSFTNGP15.phx.gbl...
>>> Chuck,
>>>
>>> Thanks for sending the dxdiag information. Looking through the
>>> information, everything seems as it should.
>>>
>>> Since you say this is only an issue with Train Simulator, I would guess
>>> that something about your TS installation is corrupted and this is
>>> causing the lack of graphics. My advice to you would be to uninstall
>>> TS, making sure that the installation directory gets deleted from your
>>> hard drive, then re-install TS.
>>>
>>> I would recommend you check your hard drive defragmentation before
>>> re-installing, but it probably won't be a concern with all the free
>>> drive space you have. If you have installed any add-on scenary or train
>>> packs, hold off on re-installing them. Make sure the base game works
>>> before installing any add-ons.
>>>
>>> Let me know if this helps.
>>> --
>>> Thanks,
>>> Nick Kritselis [MS]
>>> --
>>> This posting is provided "AS IS" with no warranties, and confers no
>>> rights.
>>>
>>> "Chuck McGarigle" <Me@Here.there> wrote in message
>>> news:HfydnRBCUpF98_jcRVn-pg@comcast.com...
>>>> Nick,
>>>>
>>>> I cannot find a directx.log anywhere on my "C" drive.
>>>> The DXDiag contents are appended as requested. Thanks
>>>>
>>>> Chuck
>>>>
>>>> -----
>>>> System Information
>>>> -----
>>>> Time of this report: 10/7/2004, 12:13:22
>>>> Machine name: DESKTOP
>>>> Operating System: Windows XP Home Edition (5.1, Build 2600) Service
>>>> Pack 2 (2600.xpsp_sp2_rtm.040803-2158)
>>>> Language: English (Regional Setting: English)
>>>> System Manufacturer: To Be Filled By O.E.M.
>>>> System Model: To Be Filled By O.E.M.
>>>> BIOS: BIOS Date: 02/23/04 15:42:57 Ver: 08.00.09
>>>> Processor: Intel(R) Pentium(R) 4 CPU 2.80GHz (2 CPUs)
>>>> Memory: 1022MB RAM
>>>> Page File: 202MB used, 2258MB available
>>>> Windows Dir: C:\WINDOWS
>>>> DirectX Version: DirectX 9.0c (4.09.0000.0904)
>>>> DX Setup Parameters: Not found
>>>> DxDiag Version: 5.03.2600.2180 32bit Unicode
```

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```
>>>>
>>>> -----
>>>> DxDiag Notes
>>>> -----
>>>> DirectX Files Tab: No problems found.
>>>> Display Tab 1: The file nv4_disp.dll is not digitally signed,
>>>> which means that it has not been tested by Microsoft's Windows Hardware
>>>> Quality Labs (WHQL). You may be able to get a WHQL logo'd driver from
>>>> the hardware manufacturer. DirectDraw test results: All tests were
>>>> successful. Direct3D 7 test results: All tests were successful.
>>>> Direct3D 8 test results: All tests were successful. Direct3D 9 test
>>>> results: Failure at step 32 (User verification of Direct3D rendering):
>>>> HRESULT = 0x00000000 (error code)
>>>> Sound Tab 1: DirectSound test results: All tests were
>>>> successful.
>>>> Music Tab: DirectMusic test results: All tests were
>>>> successful.
>>>> Input Tab: No problems found.
>>>> Network Tab: No problems found. DirectPlay test results: All
>>>> tests were successful.
>>>>
>>>> -----
>>>> DirectX Debug Levels
>>>> -----
>>>> Direct3D: 0/4 (n/a)
>>>> DirectDraw: 0/4 (retail)
>>>> DirectInput: 0/5 (n/a)
>>>> DirectMusic: 0/5 (n/a)
>>>> DirectPlay: 0/9 (retail)
>>>> DirectSound: 0/5 (retail)
>>>> DirectShow: 0/6 (retail)
>>>>
>>>> -----
>>>> Display Devices
>>>> -----
>>>> Card name: NVIDIA GeForce2 MX/MX 400
>>>> Manufacturer: NVIDIA
>>>> Chip type: GeForce2 MX/MX 400
>>>> DAC type: Integrated RAMDAC
>>>> Device Key: Enum\PCI\VEN_10DE&DEV_0110&SUBSYS_00231545&REV_B2
>>>> Display Memory: 64.0 MB
>>>> Current Mode: 1024 x 768 (32 bit) (60Hz)
>>>> Monitor: Default Monitor
>>>> Monitor Max Res:
>>>> Driver Name: nv4_disp.dll
>>>> Driver Version: 6.14.0010.6177 (English)
>>>> DDI Version: 9 (or higher)
>>>> Driver Attributes: Final Retail
>>>> Driver Date/Size: 7/15/2004 11:42:00, 3740032 bytes
>>>> WHQL Logo'd: No
>>>> WHQL Date Stamp: None
>>>> VDD: n/a
>>>> Mini VDD: nv4_mini.sys
>>>> Mini VDD Date: 7/15/2004 11:42:00, 2459712 bytes
>>>> Device Identifier: {D7B71E3E-4250-11CF-D46E-292013C2CB35}
>>>> Vendor ID: 0x10DE
>>>> Device ID: 0x0110
>>>> SubSys ID: 0x00231545
>>>> Revision ID: 0x00B2
>>>> Revision ID: 0x00B2
>>>> Video Accel: ModeMPEG2_A ModeMPEG2_B ModeMPEG2_C ModeMPEG2_D
>>>> Deinterlace Caps: {212DC723-3235-44A4-BD29-E1652BBCC71C}:
```

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```
>>>> Format(In/Out)=(YUY2,YUY2) Frames(Prev/Fwd/Back)=(0,0,1)
>>>> Caps=VideoProcess_YUV2RGB VideoProcess_StretchX VideoProcess_StretchY
>>>> DeinterlaceTech_MedianFiltering
>>>> {335AA36E-7884-43A4-9C91-7F87FAF3E37E}:
>>>> Format(In/Out)=(YUY2,YUY2) Frames(Prev/Fwd/Back)=(0,0,0)
>>>> Caps=VideoProcess_YUV2RGB VideoProcess_StretchX VideoProcess_StretchY
>>>> DeinterlaceTech_BOBVerticalStretch
>>>> {212DC723-3235-44A4-BD29-E1652BBCC71C}:
>>>> Format(In/Out)=(UYVY,UYVY) Frames(Prev/Fwd/Back)=(0,0,1)
>>>> Caps=VideoProcess_YUV2RGB VideoProcess_StretchX VideoProcess_StretchY
>>>> DeinterlaceTech_MedianFiltering
>>>> {335AA36E-7884-43A4-9C91-7F87FAF3E37E}:
>>>> Format(In/Out)=(UYVY,UYVY) Frames(Prev/Fwd/Back)=(0,0,0)
>>>> Caps=VideoProcess_YUV2RGB VideoProcess_StretchX VideoProcess_StretchY
>>>> DeinterlaceTech_BOBVerticalStretch
>>>> {212DC723-3235-44A4-BD29-E1652BBCC71C}:
>>>> Format(In/Out)=(YV12,0x32315659) Frames(Prev/Fwd/Back)=(0,0,1)
>>>> Caps=VideoProcess_YUV2RGB VideoProcess_StretchX VideoProcess_StretchY
>>>> DeinterlaceTech_MedianFiltering
>>>> {335AA36E-7884-43A4-9C91-7F87FAF3E37E}:
>>>> Format(In/Out)=(YV12,0x32315659) Frames(Prev/Fwd/Back)=(0,0,0)
>>>> Caps=VideoProcess_YUV2RGB VideoProcess_StretchX VideoProcess_StretchY
>>>> DeinterlaceTech_BOBVerticalStretch
>>>> {212DC723-3235-44A4-BD29-E1652BBCC71C}:
>>>> Format(In/Out)=(NV12,0x3231564e) Frames(Prev/Fwd/Back)=(0,0,1)
>>>> Caps=VideoProcess_YUV2RGB VideoProcess_StretchX VideoProcess_StretchY
>>>> DeinterlaceTech_MedianFiltering
>>>> {335AA36E-7884-43A4-9C91-7F87FAF3E37E}:
>>>> Format(In/Out)=(NV12,0x3231564e) Frames(Prev/Fwd/Back)=(0,0,0)
>>>> Caps=VideoProcess_YUV2RGB VideoProcess_StretchX VideoProcess_StretchY
>>>> DeinterlaceTech_BOBVerticalStretch
>>>> Registry: OK
>>>> DDraw Status: Enabled
>>>> D3D Status: Enabled
>>>> AGP Status: Enabled
>>>> DDraw Test Result: All tests were successful.
>>>> D3D7 Test Result: All tests were successful.
>>>> D3D8 Test Result: All tests were successful.
>>>> D3D9 Test Result: Failure at step 32 (User verification of Direct3D
>>>> rendering): HRESULT = 0x00000000 (error code)
>>>>
>>>> -----
>>>> Sound Devices
>>>> -----
>>>> Description: SoundMAX Digital Audio
>>>> Default Sound Playback: Yes
>>>> Default Voice Playback: Yes
>>>> Hardware ID: PCI\VEN_8086&DEV_24D5&SUBSYS_80F31043&REV_02
>>>> Manufacturer ID: 1
>>>> Product ID: 100
>>>> Type: WDM
>>>> Driver Name: smwdm.sys
>>>> Driver Version: 5.12.0001.3630 (English)
>>>> Driver Attributes: Final Retail
>>>> WHQL Logo'd: Yes
>>>> Date and Size: 6/2/2003 13:42:14, 578304 bytes
>>>> Other Files:
>>>> Driver Provider: Analog Devices
>>>> HW Accel Level: Full
>>>> Cap Flags: 0xF5F
>>>> Min/Max Sample Rate: 100, 48000
>>>> Static/Strm HW Mix Bufs: 33, 32
```

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```
>>>> Static/Strm HW 3D Bufs: 33, 32
>>>>           HW Memory: 0
>>>>           Voice Management: Yes
>>>> EAX(tm) 2.0 Listen/Src: Yes, Yes
>>>>   I3DL2(tm) Listen/Src: Yes, Yes
>>>> Sensaura(tm) ZoomFX(tm): Yes
>>>>           Registry: OK
>>>>           Sound Test Result: All tests were successful.
>>>>
>>>> -----
>>>> Sound Capture Devices
>>>> -----
>>>>           Description: SoundMAX Digital Audio
>>>> Default Sound Capture: Yes
>>>> Default Voice Capture: Yes
>>>>           Driver Name: smwdm.sys
>>>>           Driver Version: 5.12.0001.3630 (English)
>>>> Driver Attributes: Final Retail
>>>>           Date and Size: 6/2/2003 13:42:14, 578304 bytes
>>>>           Cap Flags: 0x41
>>>>           Format Flags: 0xCCC
>>>>
>>>> -----
>>>> DirectMusic
>>>> -----
>>>>           DLS Path: C:\WINDOWS\SYSTEM32\drivers\GM.DLS
>>>>           DLS Version: 1.00.0016.0002
>>>>           Acceleration: n/a
>>>>           Ports: Microsoft Synthesizer, Software (Not Kernel Mode),
>>>> Output, DLS, Internal, Default Port
>>>>           SoundMAX Digital Audio, Software (Kernel Mode),
>>>> Output, DLS, Internal
>>>>           Microsoft MIDI Mapper [Emulated], Hardware (Not Kernel
>>>> Mode), Output, No DLS, Internal
>>>>           SoundMAX WDM MIDI [Emulated], Hardware (Not Kernel
>>>> Mode), Output, No DLS, Internal
>>>>           Microsoft GS Wavetable SW Synth [Emulated], Hardware
>>>> (Not Kernel Mode), Output, No DLS, Internal
>>>>           Registry: OK
>>>>           Test Result: All tests were successful.
>>>>
>>>> -----
>>>> DirectInput Devices
>>>> -----
>>>>           Device Name: Mouse
>>>>           Attached: 1
>>>>           Controller ID: n/a
>>>> Vendor/Product ID: n/a
>>>>           FF Driver: n/a
>>>>
>>>>           Device Name: Keyboard
>>>>           Attached: 1
>>>>           Controller ID: n/a
>>>> Vendor/Product ID: n/a
>>>>           FF Driver: n/a
>>>>
>>>>           Poll w/ Interrupt: No
>>>>           Registry: OK
>>>>
>>>> -----
>>>> USB Devices
>>>> -----
```

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```
>>>> + USB Root Hub
>>>> | Vendor/Product ID: 0x8086, 0x24D4
>>>> | Matching Device ID: usb\root_hub
>>>> | Service: usbhub
>>>> | Driver: usbhub.sys, 8/4/2004 02:08:42, 57600 bytes
>>>> | Driver: usbd.sys, 3/31/2003 08:00:00, 4736 bytes
>>>>
>>>> -----
>>>> Gameport Devices
>>>> -----
>>>>
>>>> -----
>>>> PS/2 Devices
>>>> -----
>>>> + Standard 101/102-Key or Microsoft Natural PS/2 Keyboard
>>>> | Matching Device ID: *pnp0303
>>>> | Service: i8042prt
>>>> | Driver: i8042prt.sys, 8/4/2004 02:14:36, 52736 bytes
>>>> | Driver: kbdclass.sys, 8/4/2004 01:58:32, 24576 bytes
>>>> |
>>>> + Terminal Server Keyboard Driver
>>>> | Matching Device ID: root\rdp_kbd
>>>> | Upper Filters: kbdclass
>>>> | Service: TermDD
>>>> | Driver: termdd.sys, 8/4/2004 04:01:07, 40840 bytes
>>>> | Driver: kbdclass.sys, 8/4/2004 01:58:32, 24576 bytes
>>>> |
>>>> + Microsoft PS/2 Mouse
>>>> | Matching Device ID: *pnp0f03
>>>> | Service: i8042prt
>>>> | Driver: i8042prt.sys, 8/4/2004 02:14:36, 52736 bytes
>>>> | Driver: mouclass.sys, 8/4/2004 01:58:32, 23040 bytes
>>>> |
>>>> + Terminal Server Mouse Driver
>>>> | Matching Device ID: root\rdp_mou
>>>> | Upper Filters: mouclass
>>>> | Service: TermDD
>>>> | Driver: termdd.sys, 8/4/2004 04:01:07, 40840 bytes
>>>> | Driver: mouclass.sys, 8/4/2004 01:58:32, 23040 bytes
>>>>
>>>> -----
>>>> DirectPlay Service Providers
>>>> -----
>>>> DirectPlay8 Modem Service Provider - Registry: OK, File: dpnet.dll
>>>> (5.03.2600.2180)
>>>> DirectPlay8 Serial Service Provider - Registry: OK, File: dpnet.dll
>>>> (5.03.2600.2180)
>>>> DirectPlay8 IPX Service Provider - Registry: OK, File: dpnet.dll
>>>> (5.03.2600.2180)
>>>> DirectPlay8 TCP/IP Service Provider - Registry: OK, File: dpnet.dll
>>>> (5.03.2600.2180)
>>>> Internet TCP/IP Connection For DirectPlay - Registry: OK, File:
>>>> dpwsockx.dll (5.03.2600.2180)
>>>> IPX Connection For DirectPlay - Registry: OK, File: dpwsockx.dll
>>>> (5.03.2600.2180)
>>>> Modem Connection For DirectPlay - Registry: OK, File: dpmodemx.dll
>>>> (5.03.2600.2180)
>>>> Serial Connection For DirectPlay - Registry: OK, File: dpmodemx.dll
>>>> (5.03.2600.2180)
>>>>
>>>> DirectPlay Voice Wizard Tests: Full Duplex: Not run, Half Duplex: Not
>>>> run, Mic: Not run
```

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```
>>>> DirectPlay Test Result: All tests were successful.
>>>> Registry: OK
>>>>
>>>> -----
>>>> DirectPlay Adapters
>>>> -----
>>>> DirectPlay8 Serial Service Provider: COM1
>>>> DirectPlay8 Serial Service Provider: COM2
>>>> DirectPlay8 TCP/IP Service Provider: Local Area Connection - IPv4 -
>>>>
>>>> -----
>>>> DirectPlay Voice Codecs
>>>> -----
>>>> Voxware VR12 1.4kbit/s
>>>> Voxware SC06 6.4kbit/s
>>>> Voxware SC03 3.2kbit/s
>>>> MS-PCM 64 kbit/s
>>>> MS-ADPCM 32.8 kbit/s
>>>> Microsoft GSM 6.10 13 kbit/s
>>>> TrueSpeech(TM) 8.6 kbit/s
>>>>
>>>> -----
>>>> DirectPlay Lobbyable Apps
>>>> -----
>>>>
>>>> -----
>>>> Disk & DVD/CD-ROM Drives
>>>> -----
>>>> Drive: C:
>>>> Free Space: 70.3 GB
>>>> Total Space: 78.2 GB
>>>> File System: NTFS
>>>> Model: Maxtor 6Y080L0
>>>>
>>>> Drive: D:
>>>> Free Space: 1.6 GB
>>>> Total Space: 7.3 GB
>>>> File System: NTFS
>>>> Model: Maxtor 91536U2
>>>>
>>>> Drive: G:
>>>> Free Space: 3.7 GB
>>>> Total Space: 3.7 GB
>>>> File System: NTFS
>>>> Model: Maxtor 91536U2
>>>>
>>>> Drive: H:
>>>> Free Space: 3.4 GB
>>>> Total Space: 3.6 GB
>>>> File System: NTFS
>>>> Model: Maxtor 91536U2
>>>>
>>>> Drive: F:
>>>> Model: LITE-ON DVDRW SOHW-1213S
>>>> Driver: c:\windows\system32\drivers\cdrom.sys, 5.01.2600.2180
>>>> (English), 8/4/2004 01:59:52, 49536 bytes
>>>>
>>>> -----
>>>> System Devices
>>>> -----
>>>> Name: Intel(R) 82875P Processor to PCI to CSA bridge - 257B
>>>> Device ID: PCI\VEN_8086&DEV_257B&SUBSYS_00000000&REV_02\3&267A616A&0&18
```

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```
>>>> Driver: C:\WINDOWS\system32\DRIVERS\pci.sys, 5.01.2600.2180
>>>> (English), 8/4/2004 02:07:46, 68224 bytes
>>>>
>>>> Name: Intel(R) 82875P Processor to AGP Controller - 2579
>>>> Device ID: PCI\VEN_8086&DEV_2579&SUBSYS_00000000&REV_02\3&267A616A&0&08
>>>> Driver: C:\WINDOWS\system32\DRIVERS\AGP440.SYS, 5.01.2600.2180
>>>> (English), 8/4/2004 02:07:41, 42368 bytes
>>>>
>>>> Name: Intel(R) 82875P Memory Controller Hub - 2578
>>>> Device ID: PCI\VEN_8086&DEV_2578&SUBSYS_00000000&REV_02\3&267A616A&0&00
>>>> Driver: n/a
>>>>
>>>> Name: Intel(R) 82801EB USB Universal Host Controller - 24DE
>>>> Device ID: PCI\VEN_8086&DEV_24DE&SUBSYS_80A61043&REV_02\3&267A616A&0&EB
>>>> Driver: C:\WINDOWS\system32\drivers\usbuhci.sys, 5.01.2600.2180
>>>> (English), 8/4/2004 02:08:37, 20480 bytes
>>>> Driver: C:\WINDOWS\system32\drivers\usbport.sys, 5.01.2600.2180
>>>> (English), 8/4/2004 02:08:42, 142976 bytes
>>>> Driver: C:\WINDOWS\system32\usbui.dll, 5.01.2600.2180 (English),
>>>> 8/4/2004 03:56:46, 74240 bytes
>>>> Driver: C:\WINDOWS\system32\drivers\usbhub.sys, 5.01.2600.2180
>>>> (English), 8/4/2004 02:08:42, 57600 bytes
>>>>
>>>> Name: Standard Enhanced PCI to USB Host Controller
>>>> Device ID: PCI\VEN_8086&DEV_24DD&SUBSYS_80A61043&REV_02\3&267A616A&0&EF
>>>> Driver: C:\WINDOWS\system32\drivers\usbuhci.sys, 5.01.2600.2180
>>>> (English), 8/4/2004 02:08:37, 26624 bytes
>>>> Driver: C:\WINDOWS\system32\drivers\usbport.sys, 5.01.2600.2180
>>>> (English), 8/4/2004 02:08:42, 142976 bytes
>>>> Driver: C:\WINDOWS\system32\usbui.dll, 5.01.2600.2180 (English),
>>>> 8/4/2004 03:56:46, 74240 bytes
>>>> Driver: C:\WINDOWS\system32\drivers\usbhub.sys, 5.01.2600.2180
>>>> (English), 8/4/2004 02:08:42, 57600 bytes
>>>> Driver: C:\WINDOWS\system32\hccoin.dll, 5.01.2600.2180 (English),
>>>> 8/4/2004 03:56:42, 7168 bytes
>>>>
>>>> Name: Intel(R) 82801EB Ultra ATA Storage Controllers
>>>> Device ID: PCI\VEN_8086&DEV_24DB&SUBSYS_80A61043&REV_02\3&267A616A&0&F9
>>>> Driver: C:\WINDOWS\system32\DRIVERS\pciide.sys, 5.01.2600.0000
>>>> (English), 8/17/2001 13:51:52, 3328 bytes
>>>> Driver: C:\WINDOWS\system32\DRIVERS\pciidex.sys, 5.01.2600.2180
>>>> (English), 8/4/2004 01:59:41, 25088 bytes
>>>> Driver: C:\WINDOWS\system32\DRIVERS\atapi.sys, 5.01.2600.2180
>>>> (English), 8/4/2004 01:59:42, 95360 bytes
>>>>
>>>> Name: Intel(R) 82801EB USB Universal Host Controller - 24D7
>>>> Device ID: PCI\VEN_8086&DEV_24D7&SUBSYS_80A61043&REV_02\3&267A616A&0&EA
>>>> Driver: C:\WINDOWS\system32\drivers\usbuhci.sys, 5.01.2600.2180
>>>> (English), 8/4/2004 02:08:37, 20480 bytes
>>>> Driver: C:\WINDOWS\system32\drivers\usbport.sys, 5.01.2600.2180
>>>> (English), 8/4/2004 02:08:42, 142976 bytes
>>>> Driver: C:\WINDOWS\system32\usbui.dll, 5.01.2600.2180 (English),
>>>> 8/4/2004 03:56:46, 74240 bytes
>>>> Driver: C:\WINDOWS\system32\drivers\usbhub.sys, 5.01.2600.2180
>>>> (English), 8/4/2004 02:08:42, 57600 bytes
>>>>
>>>> Name: SoundMAX Integrated Digital Audio
>>>> Device ID: PCI\VEN_8086&DEV_24D5&SUBSYS_80F31043&REV_02\3&267A616A&0&FD
>>>> Driver: n/a
>>>>
>>>> Name: Intel(R) 82801EB USB Universal Host Controller - 24D4
>>>> Device ID: PCI\VEN_8086&DEV_24D4&SUBSYS_80A61043&REV_02\3&267A616A&0&E9
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```
>>>> Driver: C:\WINDOWS\system32\drivers\usbuhci.sys, 5.01.2600.2180
>>>> (English), 8/4/2004 02:08:37, 20480 bytes
>>>> Driver: C:\WINDOWS\system32\drivers\usbport.sys, 5.01.2600.2180
>>>> (English), 8/4/2004 02:08:42, 142976 bytes
>>>> Driver: C:\WINDOWS\system32\usbui.dll, 5.01.2600.2180 (English),
>>>> 8/4/2004 03:56:46, 74240 bytes
>>>> Driver: C:\WINDOWS\system32\drivers\usbhub.sys, 5.01.2600.2180
>>>> (English), 8/4/2004 02:08:42, 57600 bytes
>>>>
>>>> Name: Intel(R) 82801EB SMBus Controller - 24D3
>>>> Device ID: PCI\VEN_8086&DEV_24D3&SUBSYS_80A61043&REV_02\3&267A616A&0&FB
>>>> Driver: n/a
>>>>
>>>> Name: Intel(R) 82801EB USB Universal Host Controller - 24D2
>>>> Device ID: PCI\VEN_8086&DEV_24D2&SUBSYS_80A61043&REV_02\3&267A616A&0&E8
>>>> Driver: C:\WINDOWS\system32\drivers\usbuhci.sys, 5.01.2600.2180
>>>> (English), 8/4/2004 02:08:37, 20480 bytes
>>>> Driver: C:\WINDOWS\system32\drivers\usbport.sys, 5.01.2600.2180
>>>> (English), 8/4/2004 02:08:42, 142976 bytes
>>>> Driver: C:\WINDOWS\system32\usbui.dll, 5.01.2600.2180 (English),
>>>> 8/4/2004 03:56:46, 74240 bytes
>>>> Driver: C:\WINDOWS\system32\drivers\usbhub.sys, 5.01.2600.2180
>>>> (English), 8/4/2004 02:08:42, 57600 bytes
>>>>
>>>> Name: Intel(R) 82801EB LPC Interface Controller - 24D0
>>>> Device ID: PCI\VEN_8086&DEV_24D0&SUBSYS_00000000&REV_02\3&267A616A&0&F8
>>>> Driver: C:\WINDOWS\system32\DRIVERS\isapnp.sys, 5.01.2600.0000
>>>> (English), 8/17/2001 13:58:02, 35840 bytes
>>>>
>>>> Name: Intel(R) 82801EB PCI Bridge - 244E
>>>> Device ID: PCI\VEN_8086&DEV_244E&SUBSYS_00000000&REV_C2\3&267A616A&0&F0
>>>> Driver: C:\WINDOWS\system32\DRIVERS\pci.sys, 5.01.2600.2180
>>>> (English), 8/4/2004 02:07:46, 68224 bytes
>>>>
>>>> Name: Intel(R) PRO/1000 CT Network Connection
>>>> Device ID:
>>>> PCI\VEN_8086&DEV_1019&SUBSYS_80F71043&REV_00\4&3B3CB9B1&0&0818
>>>> Driver: C:\WINDOWS\system32\DRIVERS\e1000325.sys, 7.00.0037.0000
>>>> (English), 5/20/2003 15:36:44, 121856 bytes
>>>> Driver: C:\WINDOWS\system32\Prounstl.exe, 7.00.0005.0000 (English),
>>>> 3/3/2003 04:26:52, 118784 bytes
>>>> Driver: C:\WINDOWS\system32\e1000325.din, 9/2/2002 13:34:38, 2725
>>>> bytes
>>>> Driver: C:\WINDOWS\system32\IntelNic.dll, 2.04.0000.0000 (English),
>>>> 12/28/2002 17:00:02, 24064 bytes
>>>> Driver: C:\WINDOWS\system32\e1000msg.dll, 2/10/2003 21:58:50, 126976
>>>> bytes
>>>>
>>>> Name: VIA OHCI Compliant IEEE 1394 Host Controller
>>>> Device ID:
>>>> PCI\VEN_1106&DEV_3044&SUBSYS_808A1043&REV_80\4&2E98101C&0&18F0
>>>> Driver: C:\WINDOWS\system32\DRIVERS\ohci1394.sys, 5.01.2600.2180
>>>> (English), 8/4/2004 02:10:08, 61056 bytes
>>>> Driver: C:\WINDOWS\system32\DRIVERS\1394bus.sys, 5.01.2600.2180
>>>> (English), 8/4/2004 02:10:06, 53248 bytes
>>>> Driver: C:\WINDOWS\system32\DRIVERS\nic1394.sys, 5.01.2600.2180
>>>> (English), 8/4/2004 01:58:29, 61824 bytes
>>>> Driver: C:\WINDOWS\system32\DRIVERS\arp1394.sys, 5.01.2600.2180
>>>> (English), 8/4/2004 01:58:29, 60800 bytes
>>>> Driver: C:\WINDOWS\system32\DRIVERS\enum1394.sys, 5.01.2600.0000
>>>> (English), 8/17/2001 09:46:40, 6400 bytes
>>>>
```

microsoft.public.windowsxp.games: Re: MS Train Simulator Video Problem

```
>>>> Name: NVIDIA GeForce2 MX/MX 400
>>>> Device ID:
>>>> PCI\VEN_10DE&DEV_0110&SUBSYS_00231545&REV_B2\4&1A99067F&0&0008
>>>> Driver: C:\WINDOWS\system32\DRIVERS\nv4_mini.sys, 6.14.0010.6177
>>>> (English), 7/15/2004 11:42:00, 2459712 bytes
>>>> Driver: C:\WINDOWS\system32\nvsvc32.exe, 6.14.0010.6177 (English),
>>>> 7/15/2004 11:42:00, 114755 bytes
>>>> Driver: C:\WINDOWS\system32\nvcod.dll, 1.00.0000.0015 (English),
>>>> 7/15/2004 11:42:00, 32256 bytes
>>>> Driver: C:\WINDOWS\system32\nvcodins.dll, 1.00.0000.0015 (English),
>>>> 7/15/2004 11:42:00, 32256 bytes
>>>> Driver: C:\WINDOWS\system32\nv4_disp.dll, 6.14.0010.6177 (English),
>>>> 7/15/2004 11:42:00, 3740032 bytes
>>>> Driver: C:\WINDOWS\system32\nvogln.dll, 6.14.0010.6177 (English),
>>>> 7/15/2004 11:42:00, 5222400 bytes
>>>> Driver: C:\WINDOWS\system32\nvcpl.dll, 6.14.0010.6177 (English),
>>>> 7/15/2004 11:42:00, 4112384 bytes
>>>> Driver: C:\WINDOWS\system32\nvmctray.dll, 6.14.0010.6177 (English),
>>>> 7/15/2004 11:42:00, 81920 bytes
>>>> Driver: C:\WINDOWS\system32\nvddi.dll, 6.14.0010.6177 (English),
>>>> 7/15/2004 11:42:00, 81920 bytes
>>>> Driver: C:\WINDOWS\system32\nvnt4cpl.dll, 6.14.0010.6177 (English),
>>>> 7/15/2004 11:42:00, 241664 bytes
>>>> Driver: C:\WINDOWS\help\nvcpl.hlp, 7/15/2004 11:42:00, 154770 bytes
>>>> Driver: C:\WINDOWS\help\nvwcpln.hlp, 7/15/2004 11:42:00, 51281 bytes
>>>>
>>>> Name: RAID Controller
>>>> Device ID:
>>>> PCI\VEN_105A&DEV_3373&SUBSYS_80F51043&REV_02\4&2E98101C&0&20F0
>>>> Driver: n/a
>>>>
>>>> -----
>>>> DirectX Components
>>>> -----
>>>> ddraw.dll: 5.03.2600.2180 English Final Retail 8/4/2004 03:56:42
>>>> 266240 bytes
>>>> ddrawex.dll: 5.03.2600.2180 English Final Retail 8/4/2004 03:56:42
>>>> 27136 bytes
>>>> dxapi.sys: 5.01.2600.0000 English Final Retail 3/31/2003 08:00:00
>>>> 10496 bytes
>>>> d3d8.dll: 5.03.2600.2180 English Final Retail 8/4/2004 03:56:41
>>>> 1179648 bytes
>>>> d3d8thk.dll: 5.03.2600.2180 English Final Retail 8/4/2004 03:56:41 8192
>>>> bytes
>>>> d3d9.dll: 5.03.2600.2180 English Final Retail 8/4/2004 03:56:41
>>>> 1689088 bytes
>>>> d3dim.dll: 5.01.2600.0000 English Final Retail 3/31/2003 08:00:00
>>>> 436224 bytes
>>>> d3dim700.dll: 5.03.2600.2180 English Final Retail 8/4/2004 03:56:41
>>>> 825344 bytes
>>>> d3dramp.dll: 5.01.2600.0000 English Final Retail 3/31/2003 08:00:00
>>>> 590336 bytes
>>>> d3drm.dll: 5.01.2600.0000 English Final Retail 3/31/2003 08:00:00
>>>> 350208 bytes
>>>> d3dxof.dll: 5.01.2600.0000 English Final Retail 3/31/2003 08:00:00
>>>> 47616 bytes
>>>> d3dpmesh.dll: 5.01.2600.0000 English Final Retail 3/31/2003 08:00:00
>>>> 34816 bytes
>>>> dplay.dll: 5.00.2134.0001 English Final Retail 3/31/2003 08:00:00
>>>> 33040 bytes
>>>> dplayx.dll: 5.03.2600.2180 English Final Retail 8/4/2004 03:56:42
>>>> 229888 bytes
```

microsoft.public.windowsxp.games: Re: MS Train Simulator Video Problem

```
>>>> dpmodemx.dll: 5.03.2600.2180 English Final Retail 8/4/2004 03:56:42
>>>> 23552 bytes
>>>> dpwsock.dll: 5.00.2134.0001 English Final Retail 3/31/2003 08:00:00
>>>> 42768 bytes
>>>> dpwsockx.dll: 5.03.2600.2180 English Final Retail 8/4/2004 03:56:42
>>>> 57344 bytes
>>>> dplaysvr.exe: 5.03.2600.2180 English Final Retail 8/4/2004 03:56:48
>>>> 30208 bytes
>>>> dpnsvr.exe: 5.03.2600.2180 English Final Retail 8/4/2004 03:56:48
>>>> 18432 bytes
>>>> dpnet.dll: 5.03.2600.2180 English Final Retail 8/4/2004 03:56:42
>>>> 375296 bytes
>>>> dpnlobby.dll: 5.03.2600.2180 English Final Retail 8/4/2004 03:56:03
>>>> 3584 bytes
>>>> dpnaddr.dll: 5.03.2600.2180 English Final Retail 8/4/2004 03:56:03 3584
>>>> bytes
>>>> dpvoice.dll: 5.03.2600.2180 English Final Retail 8/4/2004 03:56:42
>>>> 212480 bytes
>>>> dpvsetup.exe: 5.03.2600.2180 English Final Retail 8/4/2004 03:56:48
>>>> 83456 bytes
>>>> dpvvox.dll: 5.03.2600.2180 English Final Retail 8/4/2004 03:56:42
>>>> 116736 bytes
>>>> dpvacm.dll: 5.03.2600.2180 English Final Retail 8/4/2004 03:56:42
>>>> 21504 bytes
>>>> dpnhpast.dll: 5.03.2600.2180 English Final Retail 8/4/2004 03:56:42
>>>> 35328 bytes
>>>> dpnhupnp.dll: 5.03.2600.2180 English Final Retail 8/4/2004 03:56:42
>>>> 60928 bytes
>>>> dpserial.dll: 5.00.2134.0001 English Final Retail 3/31/2003 08:00:00
>>>> 53520 bytes
>>>> dinput.dll: 5.03.2600.2180 English Final Retail 8/4/2004 03:56:42
>>>> 159232 bytes
>>>> dinput8.dll: 5.03.2600.2180 English Final Retail 8/4/2004 03:56:42
>>>> 181760 bytes
>>>> dimap.dll: 5.01.2600.0000 English Final Retail 3/31/2003 08:00:00
>>>> 44032 bytes
>>>> diactfrm.dll: 5.01.2600.0000 English Final Retail 3/31/2003 08:00:00
>>>> 394240 bytes
>>>> joy.cpl: 5.03.2600.2180 English Final Retail 8/4/2004 03:56:57
>>>> 68608 bytes
>>>> gcdef.dll: 5.01.2600.0000 English Final Retail 3/31/2003 08:00:00
>>>> 76800 bytes
>>>> pid.dll: 5.03.2600.2180 English Final Retail 8/4/2004 03:56:44
>>>> 35328 bytes
>>>> dsound.dll: 5.03.2600.2180 English Final Retail 8/4/2004 03:56:42
>>>> 367616 bytes
>>>> dsound3d.dll: 5.03.2600.2180 English Final Retail 8/4/2004 03:56:42
>>>> 1294336 bytes
>>>> dswave.dll: 5.03.2600.2180 English Final Retail 8/4/2004 03:56:42
>>>> 19456 bytes
>>>> dsdmo.dll: 5.03.2600.2180 English Final Retail 8/4/2004 03:56:42
>>>> 181760 bytes
>>>> dsdmopr.dll: 5.03.2600.2180 English Final Retail 8/4/2004 03:56:42
>>>> 71680 bytes
>>>> dmusic.dll: 5.03.2600.2180 English Final Retail 8/4/2004 03:56:42
>>>> 104448 bytes
>>>> dmband.dll: 5.03.2600.2180 English Final Retail 8/4/2004 03:56:42
>>>> 28672 bytes
>>>> dmcompos.dll: 5.03.2600.2180 English Final Retail 8/4/2004 03:56:42
>>>> 61440 bytes
>>>> dmime.dll: 5.03.2600.2180 English Final Retail 8/4/2004 03:56:42
>>>> 181248 bytes
```

microsoft.public.windowsxp.games: Re: MS Train Simulator Video Problem

```
>>>> dmloader.dll: 5.03.2600.2180 English Final Retail 8/4/2004 03:56:42
>>>> 35840 bytes
>>>> dmstyle.dll: 5.03.2600.2180 English Final Retail 8/4/2004 03:56:42
>>>> 105984 bytes
>>>> dmsynth.dll: 5.03.2600.2180 English Final Retail 8/4/2004 03:56:42
>>>> 103424 bytes
>>>> dmscript.dll: 5.03.2600.2180 English Final Retail 8/4/2004 03:56:42
>>>> 82432 bytes
>>>> dx7vb.dll: 5.03.2600.2180 English Final Retail 8/4/2004 03:56:42
>>>> 619008 bytes
>>>> dx8vb.dll: 5.03.2600.2180 English Final Retail 8/4/2004 03:56:42
>>>> 1227264 bytes
>>>> dxdiagn.dll: 5.03.2600.2180 English Final Retail 8/4/2004 03:56:42
>>>> 2113536 bytes
>>>> mfc40.dll: 4.01.0000.6140 English Final Retail 3/31/2003 08:00:00
>>>> 924432 bytes
>>>> mfc42.dll: 6.02.4131.0000 English Final Retail 8/4/2004 03:56:42
>>>> 1028096 bytes
>>>> wsock32.dll: 5.01.2600.2180 English Final Retail 8/4/2004 03:56:46
>>>> 22528 bytes
>>>> amstream.dll: 6.05.2600.2180 English Final Retail 8/4/2004 03:56:41
>>>> 70656 bytes
>>>> devenum.dll: 6.05.2600.2180 English Final Retail 8/4/2004 03:56:42
>>>> 59904 bytes
>>>> dxmasf.dll: 6.04.0009.1125 English Final Retail 8/4/2004 03:56:42
>>>> 498205 bytes
>>>> mciqtz32.dll: 6.05.2600.2180 English Final Retail 8/4/2004 03:56:42
>>>> 35328 bytes
>>>> mpg2spllt.ax: 6.05.2600.2180 English Final Retail 8/4/2004 03:56:57
>>>> 148992 bytes
>>>> msdmo.dll: 6.05.2600.2180 English Final Retail 8/4/2004 03:56:43
>>>> 14336 bytes
>>>> encapi.dll: 5.03.2600.2180 English Final Retail 8/4/2004 03:56:42
>>>> 20480 bytes
>>>> gasf.dll: 10.00.0000.3646 English Final Retail 8/11/2004 01:45:04
>>>> 221184 bytes
>>>> qcap.dll: 6.05.2600.2180 English Final Retail 8/4/2004 03:56:44
>>>> 192512 bytes
>>>> qdv.dll: 6.05.2600.2180 English Final Retail 8/4/2004 03:56:44
>>>> 279040 bytes
>>>> qdvd.dll: 6.05.2600.2180 English Final Retail 8/4/2004 03:56:44
>>>> 385024 bytes
>>>> qedit.dll: 6.05.2600.2180 English Final Retail 8/4/2004 03:56:44
>>>> 562176 bytes
>>>> qedwipes.dll: 6.05.2600.2180 English Final Retail 8/4/2004 03:56:24
>>>> 733696 bytes
>>>> quartz.dll: 6.05.2600.2180 English Final Retail 8/4/2004 03:56:44
>>>> 1287680 bytes
>>>> strmdll.dll: 4.01.0000.3928 English Final Retail 8/4/2004 03:56:45
>>>> 246302 bytes
>>>> iac25_32.ax: 2.00.0005.0054 English Final Retail 6/23/2000 14:06:08
>>>> 192000 bytes
>>>> ir41_32.ax: 4.51.0016.0003 English Final Retail 8/4/2004 03:56:57
>>>> 848384 bytes
>>>> ir41_qc.dll: 4.30.0062.0002 English Final Retail 8/4/2004 03:56:42
>>>> 120320 bytes
>>>> ir41_qcx.dll: 4.30.0064.0001 English Final Retail 8/4/2004 03:56:42
>>>> 338432 bytes
>>>> ir50_32.dll: 5.2819.0015.0056 English Final Retail 6/23/2000 10:36:48
>>>> 745984 bytes
>>>> ir50_qc.dll: 5.00.0063.0048 English Final Retail 8/4/2004 03:56:42
>>>> 200192 bytes
```

microsoft.public.windowsxp.games: Re: MS Train Simulator Video Problem

```
>>>> ir50_gcx.dll: 5.00.0064.0048 English Final Retail 8/4/2004 03:56:42
>>>> 183808 bytes
>>>> ivfsrc.ax: 5.11.0015.0056 English Final Retail 6/22/2000 18:11:56
>>>> 145408 bytes
>>>> mswebdvd.dll: 6.05.2600.2180 English Final Retail 8/4/2004 03:56:44
>>>> 204288 bytes
>>>> ks.sys: 5.03.2600.2180 English Final Retail 8/4/2004 02:15:21
>>>> 140928 bytes
>>>> ksproxy.ax: 5.03.2600.2180 English Final Retail 8/4/2004 03:56:57
>>>> 130048 bytes
>>>> ksuser.dll: 5.03.2600.2180 English Final Retail 8/4/2004 03:56:42 4096
>>>> bytes
>>>> stream.sys: 5.03.2600.2180 English Final Retail 8/4/2004 02:08:02
>>>> 48640 bytes
>>>> mspclock.sys: 5.03.2600.2180 English Final Retail 8/4/2004 01:58:38
>>>> 5376 bytes
>>>> mspqm.sys: 5.01.2600.2180 English Final Retail 8/4/2004 01:58:40 4992
>>>> bytes
>>>> mskssrv.sys: 5.03.2600.2180 English Final Retail 8/4/2004 01:58:41 7552
>>>> bytes
>>>> swenum.sys: 5.03.2600.2180 English Final Retail 8/4/2004 01:58:41 4352
>>>> bytes
>>>> mpeg2data.ax: 6.05.2600.2180 English Final Retail 8/4/2004 03:56:57
>>>> 118272 bytes
>>>> msvidctl.dll: 6.05.2600.2180 English Final Retail 8/4/2004 03:56:43
>>>> 1428480 bytes
>>>> vbisurf.ax: 5.03.2600.2180 English Final Retail 8/4/2004 03:56:57
>>>> 30720 bytes
>>>> msyuv.dll: 5.03.2600.2180 English Final Retail 8/4/2004 03:56:44
>>>> 17408 bytes
>>>> wstdecod.dll: 5.03.2600.2180 English Final Retail 8/4/2004 03:56:46
>>>> 50688 bytes
>>>>
>>>> -----
>>>> DirectShow Filters
>>>> -----
>>>>
>>>> DirectShow Filters:
>>>> WMAudio Decoder DMO,0x00800800,1,1,,
>>>> WMAPro over S/PDIF DMO,0x00600800,1,1,,
>>>> WMSpeech Decoder DMO,0x00600800,1,1,,
>>>> WMVideo Advanced Decoder DMO,0x00800001,1,1,,
>>>> Mpeg4s Decoder DMO,0x00800001,1,1,,
>>>> WMV Screen decoder DMO,0x00800001,1,1,,
>>>> WMVideo Decoder DMO,0x00800001,1,1,,
>>>> Mpeg43 Decoder DMO,0x00800001,1,1,,
>>>> Mpeg4 Decoder DMO,0x00800001,1,1,,
>>>> WMT MuxDeMux Filter,0x00200000,0,0,wmm2filt.dll,2.01.4026.0000
>>>> InterVideo Audio Processor Fx,0x00400000,1,1,Auprocofx.ax,
>>>> InterVideo Video Decoder,0x00700000,2,4,IVIVIDEO.ax,5.03.0005.0028
>>>> Video Resize,0x00200000,1,1,ezrgb24.ax,1.00.0000.0000
>>>> Full Screen Renderer,0x00200000,1,0,quartz.dll,6.05.2600.2180
>>>> InterVideo Stream Buffer
>>>> Filter,0x00200000,1,2,SmBuffer.ax,3.00.0085.0000
>>>> InterVideo Audio Encoder,0x00200000,1,1,iviaenc.ax,3.00.0086.0000
>>>> InterVideo Demux,0x00200000,1,2,IVidemxx.ax,3.00.0086.0000
>>>> CyberLink DVD Navigator,0x00600000,0,3,CLNAVX.ax,5.00.0000.1031
>>>> DV Muxer,0x00400000,0,0,qdv.dll,6.05.2600.2180
>>>> Color Space Converter,0x00400001,1,1,quartz.dll,6.05.2600.2180
>>>> WM ASF Reader,0x00400000,0,0,qasf.dll,10.00.0000.3646
>>>> Screen Capture filter,0x00200000,0,1,wmpsrcwp.dll,10.00.0000.3646
>>>> AVI Splitter,0x00600000,1,1,quartz.dll,6.05.2600.2180
```

microsoft.public.windowsxp.games: Re: MS Train Simulator Video Problem

```
>>>> WMT AudioAnalyzer,0x00200000,1,1,wmm2filt.dll,2.01.4026.0000
>>>> VGA 16 Color Ditherer,0x00400000,1,1,quartz.dll,6.05.2600.2180
>>>> Indeo® Video 5.11 Compression
>>>> Filter,0x00200000,1,1,ir50_32.dll,5.2819.0015.0056
>>>> Windows Media Audio Decoder,0x00800001,1,1,msadds32.ax,8.00.0000.4487
>>>> RealVideo Decoder,0x00400000,1,1,RealMediaSplitter.ax,1.00.0000.0009
>>>> AC3 Parser Filter,0x00600000,1,1,mpg2spltt.ax,6.05.2600.2180
>>>> WMT Format Conversion,0x00200000,1,1,wmm2filt.dll,2.01.4026.0000
>>>> StreamBufferSink,0x00200000,0,0,sbe.dll,6.05.2600.2180
>>>> WMT Black Frame Generator,0x00200000,1,1,wmm2filt.dll,2.01.4026.0000
>>>> MJPEG Decompressor,0x00600000,1,1,quartz.dll,6.05.2600.2180
>>>> Indeo® Video 5.11 Decompression
>>>> Filter,0x00640000,1,1,ir50_32.dll,5.2819.0015.0056
>>>> WMT Screen Capture filter,0x00200000,0,1,wmm2filt.dll,2.01.4026.0000
>>>> InterVideo Video Encoder,0x00200000,2,1,IVIVENC.ax,3.00.0086.0000
>>>> InterVideo Multiplexer,0x00200000,1,1,ivimux.ax,3.00.0086.0000
>>>> InterVideo Demultiplexer,0x00200000,1,1,IVIdemux.ax,3.02.0055.0000
>>>> Microsoft Screen Video
>>>> Decompressor,0x00800000,1,1,msscds32.ax,8.00.0000.4487
>>>> MPEG-I Stream Splitter,0x00600000,1,2,quartz.dll,6.05.2600.2180
>>>> SAMI (CC) Parser,0x00400000,1,1,quartz.dll,6.05.2600.2180
>>>> MPEG Layer-3 Decoder,0x00810000,1,1,l3codecx.ax,1.05.0000.0050
>>>> MPEG-2 Splitter,0x005fffff,1,0,mpg2spltt.ax,6.05.2600.2180
>>>> CyberLink Audio Effect,0x00200000,1,1,claudfx.ax,5.00.0000.1028
>>>> ACELP.net Sipro Lab Audio
>>>> Decoder,0x00800001,1,1,acelpdec.ax,1.04.0000.0000
>>>> InterVideo Disc Write2 Filter,0x00200000,1,0,DiscRite.ax,1.00.0000.0001
>>>> CyberLink Line21 Decoder
>>>> Filter,0x00200000,0,2,CLLine21.ax,4.00.0000.3030
>>>> Internal Script Command
>>>> Renderer,0x00800001,1,0,quartz.dll,6.05.2600.2180
>>>> MPEG Audio Decoder,0x03680001,1,1,quartz.dll,6.05.2600.2180
>>>> File Source (Netshow URL),0x00400000,0,1,wmpasf.dll,10.00.0000.3646
>>>> WMT Import Filter,0x00200000,0,1,wmm2filt.dll,2.01.4026.0000
>>>> DV Splitter,0x00600000,1,2,qdv.dll,6.05.2600.2180
>>>> Bitmap Generate,0x00200000,1,1,wmm2filt.dll,2.01.4026.0000
>>>> Windows Media Video Decoder,0x00800000,1,1,wmvds32.ax,8.00.0000.4487
>>>> Video Mixing Renderer 9,0x00200000,1,0,quartz.dll,
>>>> Windows Media Video Decoder,0x00800000,1,1,wmv8ds32.ax,8.00.0000.4000
>>>> CyberLink AudioCD Filter,0x00600000,0,1,CLAudioCD.ax,5.00.0000.1031
>>>> WMT VIH2 Fix,0x00200000,1,1,wmm2filt.dll,2.01.4026.0000
>>>> Record Queue,0x00200000,1,1,wmm2filt.dll,2.01.4026.0000
>>>> Intervideo Disc Read2 Filter,0x00400000,0,1,DiscRead.ax,
>>>> InterVideo Wave Wrapper,0x00200000,0,0,IVIwavex.ax,3.00.0086.0000
>>>> InterVideo Down Scale Filter,0x00200000,1,1,IVIDownS.ax,3.00.0086.0000
>>>> Windows Media Multiplexer,0x00600000,1,1,wmpasf.dll,10.00.0000.3646
>>>> ASX file Parser,0x00600000,1,1,wmpasf.dll,10.00.0000.3646
>>>> ASX v.2 file Parser,0x00600000,1,0,wmpasf.dll,10.00.0000.3646
>>>> NSC file Parser,0x00600000,1,1,wmpasf.dll,10.00.0000.3646
>>>> ACM Wrapper,0x00600000,1,1,quartz.dll,6.05.2600.2180
>>>> Windows Media source filter,0x00600000,0,2,wmpasf.dll,10.00.0000.3646
>>>> Video Renderer,0x00800001,1,0,quartz.dll,6.05.2600.2180
>>>> Frame Eater,0x00200000,1,1,wmm2filt.dll,2.01.4026.0000
>>>> InterVideo Subpicture Source,0x00200000,0,1,IviSpic.ax,1.00.0000.0001
>>>> MPEG-2 Video Stream Analyzer,0x00200000,0,0,sbe.dll,6.05.2600.2180
>>>> Line 21 Decoder,0x00600000,1,1,qdvd.dll,6.05.2600.2180
>>>> Video Port Manager,0x00600000,2,1,quartz.dll,6.05.2600.2180
>>>> InterVideo Stream
>>>> Renderer,0x00200000,1,0,IviStreamRenderer.ax,1.00.0000.0001
>>>> WST Decoder,0x00600000,1,1,wstdecod.dll,5.03.2600.2180
>>>> Video Renderer,0x00400000,1,0,quartz.dll,6.05.2600.2180
>>>> RealMedia Source,0x00600000,0,0,RealMediaSplitter.ax,1.00.0000.0009
```

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```
>>>> InterVideo Pre-scaling Filter,0x00200000,1,1,IVIScale.ax,3.00.0086.0000
>>>> WM ASF Writer,0x00400000,0,0,qasf.dll,10.00.0000.3646
>>>> InterVideo Audio Decoder,0x00700000,1,1,iviaudio.ax,5.03.0005.0028
>>>> WMT Sample Information
>>>> Filter,0x00200000,1,1,wmm2filt.dll,2.01.4026.0000
>>>> VBI Surface Allocator,0x00600000,1,1,vbisurf.ax,5.03.2600.2180
>>>> Microsoft MPEG-4 Video
>>>> Decompressor,0x00800000,1,1,mpg4ds32.ax,8.00.0000.4487
>>>> File writer,0x00200000,1,0,qcap.dll,6.05.2600.2180
>>>> WMT Log Filter,0x00200000,1,1,wmm2filt.dll,2.01.4026.0000
>>>> WMT Virtual Renderer,0x00200000,1,0,wmm2filt.dll,2.01.4026.0000
>>>> RealAudio Decoder,0x00400000,1,1,RealMediaSplitter.ax,1.00.0000.0009
>>>> Honestech VCD/SVCD Encoder,0x00200000,2,0,htvcsvcd.ax,1.00.0000.0000
>>>> DVD Navigator,0x00200000,0,2,qdvd.dll,6.05.2600.2180
>>>> CyberLink Audio Decoder,0x00601000,1,1,claud.ax,5.00.0000.1029
>>>> CyberLink Video/SP Decoder,0x00600000,2,3,CLVSD.ax,5.00.0000.1031
>>>> CyberLink TimeStretch Filter,0x00200000,1,1,CLAuTS.ax,1.00.0000.0704
>>>> Overlay Mixer2,0x00400000,1,1,qdvd.dll,6.05.2600.2180
>>>> AVI Draw,0x00600064,9,1,quartz.dll,6.05.2600.2180
>>>> .RAM file Parser,0x00600000,1,0,wmpasf.dll,10.00.0000.3646
>>>> InterVideo Navigator,0x00190000,0,3,IVInav.ax,5.03.0005.0028
>>>> WMT DirectX Transform
>>>> Wrapper,0x00200000,1,1,wmm2filt.dll,2.01.4026.0000
>>>> G.711 Codec,0x00200000,1,1,g711codc.ax,5.01.2600.0000
>>>> MPEG-2 Demultiplexer,0x00600000,1,1,mpg2splnt.ax,6.05.2600.2180
>>>> DV Video Decoder,0x00800000,1,1,qdv.dll,6.05.2600.2180
>>>> Indeo® Audio Software,0x00500000,1,1,iac25_32.ax,2.00.0005.0054
>>>> Windows Media Update Filter,0x00400000,1,0,wmpasf.dll,10.00.0000.3646
>>>> ASF DIB Handler,0x00600000,1,1,wmpasf.dll,10.00.0000.3646
>>>> ASF ACM Handler,0x00600000,1,1,wmpasf.dll,10.00.0000.3646
>>>> ASF ICM Handler,0x00600000,1,1,wmpasf.dll,10.00.0000.3646
>>>> ASF URL Handler,0x00600000,1,1,wmpasf.dll,10.00.0000.3646
>>>> ASF JPEG Handler,0x00600000,1,1,wmpasf.dll,10.00.0000.3646
>>>> ASF DJPEG Handler,0x00600000,1,1,wmpasf.dll,10.00.0000.3646
>>>> ASF embedded stuff Handler,0x00600000,1,1,wmpasf.dll,10.00.0000.3646
>>>> 9x8Resize,0x00200000,1,1,wmm2filt.dll,2.01.4026.0000
>>>> WIA Stream Snapshot Filter,0x00200000,1,1,wiasf.ax,1.00.0000.0000
>>>> Allocator Fix,0x00200000,1,1,wmm2filt.dll,2.01.4026.0000
>>>> SampleGrabber,0x00200000,1,1,qedit.dll,6.05.2600.2180
>>>> Null Renderer,0x00200000,1,0,qedit.dll,6.05.2600.2180
>>>> WMT Virtual Source,0x00200000,0,1,wmm2filt.dll,2.01.4026.0000
>>>> MPEG-2 Sections and Tables,0x005fffff,1,0,mpeg2data.ax,
>>>> IVF source filter,0x00600000,0,1,Ivfsrc.ax,5.11.0015.0056
>>>> WMT Interlacer,0x00200000,1,1,wmm2filt.dll,2.01.4026.0000
>>>> StreamBufferSource,0x00200000,0,0,sbe.dll,6.05.2600.2180
>>>> Smart Tee,0x00200000,1,2,qcap.dll,6.05.2600.2180
>>>> Overlay Mixer,0x00200000,0,0,qdvd.dll,6.05.2600.2180
>>>> AVI Decompressor,0x00600000,1,1,quartz.dll,6.05.2600.2180
>>>> Uncompressed Domain Shot Detection
>>>> Filter,0x00200000,1,1,wmm2filt.dll,2.01.4026.0000
>>>> InterVideo File Writer,0x00200000,1,0,IVIwrite.ax,3.00.0086.0000
>>>> AVI/WAV File Source,0x00400000,0,2,quartz.dll,6.05.2600.2180
>>>> QuickTime Movie Parser,0x00600000,1,1,quartz.dll,6.05.2600.2180
>>>> Wave Parser,0x00400000,1,1,quartz.dll,6.05.2600.2180
>>>> MIDI Parser,0x00400000,1,1,quartz.dll,6.05.2600.2180
>>>> Multi-file Parser,0x00400000,1,1,quartz.dll,6.05.2600.2180
>>>> Lyric Parser,0x00400000,1,1,quartz.dll,6.05.2600.2180
>>>> File stream renderer,0x00400000,1,1,quartz.dll,6.05.2600.2180
>>>> XML Playlist,0x00400000,1,0,wmpasf.dll,10.00.0000.3646
>>>> InterVideo Still Capture,0x00200000,1,1,IVIsCapt.ax,3.00.0086.0000
>>>> Intervideo SmartRender,0x00200000,0,2,SmartRnd.ax,8.00.0000.0000
>>>> RealMedia Splitter,0x00600000,1,1,RealMediaSplitter.ax,1.00.0000.0009
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```
>>>> AVI Mux,0x00200000,1,0,qcap.dll,6.05.2600.2180
>>>> Line 21 Decoder 2,0x00600002,1,1,quartz.dll,6.05.2600.2180
>>>> File Source (Async.),0x00400000,0,1,quartz.dll,6.05.2600.2180
>>>> File Source (URL),0x00400000,0,1,quartz.dll,6.05.2600.2180
>>>> WMT DV Extract,0x00200000,1,1,wmm2filt.dll,2.01.4026.0000
>>>> WMT Switch Filter,0x00200000,1,1,wmm2filt.dll,2.01.4026.0000
>>>> WMT Volume,0x00200000,1,1,wmm2filt.dll,2.01.4026.0000
>>>> Stretch Video,0x00200000,1,1,wmm2filt.dll,2.01.4026.0000
>>>> InterVideo DV Pre-Process,0x00200000,1,1,dvProcs.ax,1.01.0000.0000
>>>> Windows Media Pad VU Data
>>>> Grabber,0x00600000,1,0,wmmfilt.dll,1.01.2427.0001
>>>> Infinite Pin Tee Filter,0x00200000,1,1,qcap.dll,6.05.2600.2180
>>>> QT Decompressor,0x00600000,1,1,quartz.dll,6.05.2600.2180
>>>> ShotBoundaryDet,0x00200000,1,1,wmmfilt.dll,1.01.2427.0001
>>>> MPEG Video Decoder,0x40000001,1,1,quartz.dll,6.05.2600.2180
>>>> Indeo® Video 4.5 Decompression
>>>> Filter,0x00640000,1,1,ir41_32.ax,4.51.0016.0003
>>>> Indeo® Video 4.5 Compression
>>>> Filter,0x00200000,1,1,ir41_32.ax,4.51.0016.0003
>>>>
>>>> WDM Streaming Data Transforms:
>>>> Microsoft Kernel Acoustic Echo Canceller,0x00000000,0,0,,
>>>> Microsoft Kernel GS Wavetable
>>>> Synthesizer,0x00200000,1,1,,5.03.2600.2180
>>>> Microsoft Kernel DLS Synthesizer,0x00200000,1,1,,5.03.2600.2180
>>>> Analog Devices Kernel wavetable Synth,0x00200000,1,1,,5.03.2600.2180
>>>> Microsoft Kernel DRM Audio Descrambler,0x00200000,1,1,,5.03.2600.2180
>>>>
>>>> Video Compressors:
>>>> WMVideo Encoder DMO,0x00600800,1,1,,
>>>> MSScreen encoder DMO,0x00600800,1,1,,
>>>> WMVideo9 Encoder DMO,0x00600800,1,1,,
>>>> WMVideo Advanced Encoder DMO,0x00600800,1,1,,
>>>> MSScreen 9 encoder DMO,0x00600800,1,1,,
>>>> DV Video Encoder,0x00200000,0,0,qdv.dll,6.05.2600.2180
>>>> Indeo® Video 5.11 Compression
>>>> Filter,0x00100000,1,1,ir50_32.dll,5.2819.0015.0056
>>>> InterVideo Video Encoder,0x00200000,2,1,IVIVENC.ax,3.00.0086.0000
>>>> MJPEG Compressor,0x00200000,0,0,quartz.dll,6.05.2600.2180
>>>> Cinepak Codec by Radius,0x00200000,1,1,qcap.dll,6.05.2600.2180
>>>> Intel 4:2:0 Video V2.50,0x00200000,1,1,qcap.dll,6.05.2600.2180
>>>> Ligos Indeo® Video 3.2,0x00200000,1,1,qcap.dll,6.05.2600.2180
>>>> Intel Indeo® Video 4.5,0x00200000,1,1,qcap.dll,6.05.2600.2180
>>>> Ligos Indeo® Video 5.11,0x00200000,1,1,qcap.dll,6.05.2600.2180
>>>> Intel IYUV codec,0x00200000,1,1,qcap.dll,6.05.2600.2180
>>>> Microsoft H.261 Video Codec,0x00200000,1,1,qcap.dll,6.05.2600.2180
>>>> Microsoft H.263 Video Codec,0x00200000,1,1,qcap.dll,6.05.2600.2180
>>>> Microsoft RLE,0x00200000,1,1,qcap.dll,6.05.2600.2180
>>>> Microsoft Video 1,0x00200000,1,1,qcap.dll,6.05.2600.2180
>>>> Ligos Indeo® Video Raw R1.2,0x00200000,1,1,qcap.dll,6.05.2600.2180
>>>>
>>>> Audio Compressors:
>>>> WM Speech Encoder DMO,0x00600800,1,1,,
>>>> WMAudio Encoder DMO,0x00600800,1,1,,
>>>> InterVideo Audio Encoder,0x00200000,1,1,iviaenc.ax,3.00.0086.0000
>>>> IAC2,0x00200000,1,1,quartz.dll,6.05.2600.2180
>>>> IMA ADPCM,0x00200000,1,1,quartz.dll,6.05.2600.2180
>>>> PCM,0x00200000,1,1,quartz.dll,6.05.2600.2180
>>>> Microsoft ADPCM,0x00200000,1,1,quartz.dll,6.05.2600.2180
>>>> ACELP.net,0x00200000,1,1,quartz.dll,6.05.2600.2180
>>>> DSP Group TrueSpeech(TM),0x00200000,1,1,quartz.dll,6.05.2600.2180
>>>> Windows Media Audio V1,0x00200000,1,1,quartz.dll,6.05.2600.2180
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>>>> Windows Media Audio V2,0x00200000,1,1,quartz.dll,6.05.2600.2180
>>>> GSM 6.10,0x00200000,1,1,quartz.dll,6.05.2600.2180
>>>> Microsoft G.723.1,0x00200000,1,1,quartz.dll,6.05.2600.2180
>>>> CCITT A-Law,0x00200000,1,1,quartz.dll,6.05.2600.2180
>>>> CCITT u-Law,0x00200000,1,1,quartz.dll,6.05.2600.2180
>>>> MPEG Layer-3,0x00200000,1,1,quartz.dll,6.05.2600.2180
>>>>
>>>> Audio Capture Sources:
>>>> SoundMAX Digital Audio,0x00200000,0,0,qcap.dll,6.05.2600.2180
>>>>
>>>> Midi Renderers:
>>>> Default MidiOut Device,0x00800000,1,0,quartz.dll,6.05.2600.2180
>>>> Microsoft GS Wavetable SW
>>>> Synth,0x00200000,1,0,quartz.dll,6.05.2600.2180
>>>> SoundMAX WDM MIDI,0x00200000,1,0,quartz.dll,6.05.2600.2180
>>>>
>>>> WDM Streaming Capture Devices:
>>>> SoundMAX Digital Audio,0x00200000,3,2,,5.03.2600.2180
>>>>
>>>> WDM Streaming Rendering Devices:
>>>> SoundMAX Digital Audio,0x00200000,3,2,,5.03.2600.2180
>>>>
>>>> BDA Transport Information Renderers:
>>>> MPEG-2 Sections and Tables,0x00600000,1,0,mpeg2data.ax,
>>>>
>>>> WDM Streaming Mixer Devices:
>>>> Microsoft Kernel Wave Audio Mixer,0x00000000,0,0,,
>>>>
>>>> BDA CP/CA Filters:
>>>> Decrypt/Tag,0x00600000,1,0,encdec.dll,6.05.2600.2180
>>>> Encrypt/Tag,0x00200000,0,0,encdec.dll,6.05.2600.2180
>>>> XDS Codec,0x00200000,0,0,encdec.dll,6.05.2600.2180
>>>>
>>>> Audio Renderers:
>>>> SoundMAX Digital Audio,0x00200000,1,0,quartz.dll,6.05.2600.2180
>>>> CyberLink Audio Renderer,0x00200000,1,0,CLADR.ax,5.00.0000.1006
>>>> Default DirectSound Device,0x00800000,1,0,quartz.dll,6.05.2600.2180
>>>> Default WaveOut Device,0x00200000,1,0,quartz.dll,6.05.2600.2180
>>>> DirectSound: SoundMAX Digital
>>>> Audio,0x00200000,1,0,quartz.dll,6.05.2600.2180
>>>>
>>>> WDM Streaming System Devices:
>>>> SoundMAX Digital Audio,0x00200000,17,2,,5.03.2600.2180
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>>>> *****
>>>> "For evil to triumph, all that is necessary
>>>> is for good men to do nothing."
>>>> *****
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