

Release Notes for MPEG ComMotion Pro 1.21

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1. System Requirements

The requirements specified below apply for Transmission Server as well as Recaster.

- Pentium II 350 MHz for single board configuration; or
- Pentium II 450MHz or Dual Pentium II 350MHz for 3 board configuration; or
- Dual Pentium II 450 for 4-6 board configuration.
- SCSI disk controller
- Windows NT 4.0 with Service Pack 3 or higher and Windows NT Option Pack 4.0 with Internet Information Services (IIS) 4.0; or
- Windows 2000 Professional with Service Pack 1 or higher and IIS installed.
- 128 MB RAM
- One full size PCI slot (for MM200 encoding boards) or one half size PCI slot (for MM200S encoding boards).
- At least one of Optibase's MPEG MovieMaker 200 or 200S encoding boards.
- VGA or SVGA Graphic board (800x600)
- CD-Rom drive
- 100BaseT Ethernet card
- ForeRunnerLE 25/155 ATM card (if applicable)

2. Installation

- If you have VideoPlex XPress SDK 2.0 installed on a PC where you install one or more components of MPEG ComMotion Pro, you must first uninstall VideoPlex XPress SK 2.0 and then install MPEG ComMotion Pro 1.21. You may reinstall VideoPlex XPress SDK 2.0 after finishing installing MPEG ComMotion Pro.
- **MPEG Composer Users.** MPEG ComMotion Pro's components and MPEG Composer must be installed on separate PCs.

2.1. Installing Hardware

- For instructions on how to install MovieMaker 200S, refer to the MovieMaker 200S Installation Guide (catalog number UMG4632).
- For instructions on how to install MovieMaker 200, refer to the MovieMaker 200 Installation Guide (catalog number UMG4323).

2.2. Installing Drivers under Windows NT

- MPEG ComMotion Pro 1.21 requires Windows NT 4.0. MPEG ComMotion Director also requires the Windows NT 4.0 Option pack that includes Internet Information Services (IIS) 4.0.
- For instructions on how to install Windows 4.0 components, refer to the Windows NT documentation.

2.3. Installing Drivers under Windows 2000 Professional

- MPEG ComMotion Pro 1.21 requires Windows 2000 Professional. MPEG ComMotion Director also requires Internet Information Services (IIS) installed. To install IIS, refer to the Windows 2000 documentation.
- When you switch your PC on the first time after installing a MovieMaker 200 or 200S encoding board on a Windows 2000 Professional PC, the New Device wizard appears indicating that new hardware has been found. You will be asked for the appropriate driver.

To install the appropriate drivers, do the following:

1. Insert the MPEG ComMotion Pro Transmission Server CD or the MPEG ComMotion Recaster CD into your PC's CD-ROM drive.
2. Navigate to **Win 2000 Drivers** on the Transmission Server or Recaster CD; the file **OptibaseWDM.inf** appears in the New Device wizard.
3. To install the appropriate drivers, double-click **OptibaseWDM.inf**; the Windows 2000 drivers are being installed.
4. Follow the on-screen instructions to complete the drivers' installation.
5. If your PC fails to install the new drivers, go to the CD you inserted, navigate to the **Win 2000 Drivers** folder and double-click **Win2k.bat**; the required drivers are being installed.
6. **MPEG ComMotion Pro 1.x Users.** Old drivers must be updated. To update old drivers, double-click **Win2k.bat**; the new drivers are being installed.

2.4. Installing MPEG ComMotion Pro 1.21

- For instructions on how to install MPEG ComMotion Pro 1.21, refer to MPEG ComMotion Pro's User's Manual on page 2-7 (catalog number UMG4333).

2.5. Uninstalling MPEG ComMotion Pro 1.21

- To uninstall MPEG ComMotion Pro 1.21, you must stop the Transmission Server. To stop the Transmission Server, go to the Control Panel, then to Administrative Tools and to Services. Change the status of Transmitter Service from **Started** to **Stopped**.

3. Troubleshooting

For ComMotion Transmission Server, check the License wizard in MPEG ComMotion Pro's Program menu. For instructions on how to perform the licensin procedure, refer to MPEG ComMotion Pro's User's Manual (catalog number UMG4333). MPEG ComMotion Pro Transmission Server will stop working with your boards after 3 weeks unless the boards have been upgraded with License Wizard.

ERRLOOK.EXE is a very useful utility to translate error ID to text format (provided with Visual Studio)

- **VBClient/Custom application does not connect to Server.** Make sure you are providing the correct server address (IP, DNS, UNC). Make sure DCOM is enabled on your PC (dcomcnfg.exe, Default Properties tab)
- **VBClient does not run.** You may have an old version of OLE Automation DLLs. You should run VBRUN60.EXE, which will automatically set up OLE Automation DLLs.
- **Setup failed.** Restart your PC and run Setup again.
- **Transmission Server hangs.** You can stop it by running the Kill utility, which resides in the Main ComMotion Pro folder. To run the Kill utility, go to the Start menu and go to Run. In the command line, type **ComMotion Pro directory\Kill.exe TrSrvc.exe**.
You also can stop TransmitterService from by opening the Control Panel.
- **Transmission Server stops with message of buffers overflow.** Make sure you set the correct IP address in case of unicast. Make sure you set correct bit-rates.

4. Important Notes

- Frame sampling has been tested only for MPEG MovieMaker 200S family (i.e. MovieMaker 100S, MovieMaker 200S and MovieMaker 200SP).
- MPEG ComMotion Pro was tested with Fore 5.01 ATM/Winsocket Service Providers and Drivers.
- MPEG ComMotion Pro 1.21 works under LANE-1, which does not support IP multicasting (IGMP). If you use IP multicasting under LANE-1 enabled network, the bandwidth utilization may be higher than expected.
- MPEG ComMotion Pro 1.21 does not support uploading to third-party video servers.