

MPEG ComMotion Pro

Features

- Encodes and transmits up to 16 live and pre-recorded streams (6 live)
- IP multicast, unicast and native ATM support
- Software development tools
- Web-based remote management
- Real-time stream upload to video servers
- MPEG-2, MPEG-1 and MP3 streaming
- Video gateway between IP and /or ATM networks
- HTML based network receiver and player



Compatible Optibase Products

MPEG MovieMaker 200	MPEG 1 and 2 encoding platform
MPEG MovieMaker	MPEG-1 encoding platform
VideoPlex XPRESS	MPEG-2 end-point solution

Minimum System Requirements

Transmission Server / Recaster

- Pentium II 350
- SCSI disk controller
- Windows 2000 (Transmission Server only)
- Windows NT Server / Workstation 4.0 SP 4 or up
- 128 MB RAM
- One full size PCI slot
- VGA or SVGA graphics board (800x600)
- CD-ROM drive
- Ethernet Network Card 100/10 BaseT
- ForeRunner LE 155/25 or ForeRunner HE 155 ATM card (if applicable)
- At least one Optibase MPEG MovieMaker or MPEG MovieMaker 200 board (Transmission Server only)

ComMotion Director

ComMotion Director can reside on the same computer as Transmission Server or Recaster, or on a dedicated PC.

- Pentium II 350
- SCSI disk controller
- Windows 2000 or Windows NT Server/Workstation 4.0 SP 4 or up

- Window NT 4.0 Option Pack (IIS 4.0) (if applicable)
- 128 MB RAM
- VGA or SVGA graphics board
- CD-ROM drive
- Ethernet Network Card 100/10 BaseT

ComMotion Receiver

These requirements apply to software playback. For hardware-assisted playback, you may need a more powerful system.

- Pentium II 200
- Windows 95/98/2000, Windows NT 4.0 SP 3 or up (for ATM the system must operate on Windows NT or Windows 2000)
- 32 MB RAM
- SVGA graphics board
- ForeRunner LE 155/25 or ForeRunner HE 155 ATM card (if applicable)
- Ethernet Network Card 100 MBit
- CD-ROM drive
- VideoPlex XPRESS (optional for receiving MPEG-2 streams)
- Sound blaster (optional)

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Real-Time Video

Streaming Solutions

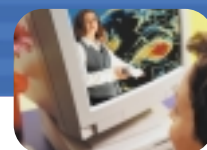
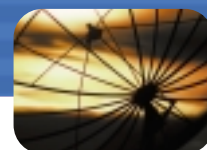
for Broadband

Networks

MPEG ComMotion™ Pro



MPEG ComMotion Pro



MPEG ComMotion Pro is a family of video streaming server platforms that enable the deployment of advanced streaming applications over broadband IP and ATM networks. Offering 7x24 video transmission with proven stability and flexibility, MPEG ComMotion Pro is designed to serve as the critical core of high-quality video networking solutions.

Transmission Server

MPEG ComMotion Pro Transmission Server is designed for integration with Optibase's MPEG-1 and MPEG-2 encoding platforms. The Transmission Server can handle up to 16 MPEG-1 and MPEG-2 streams simultaneously (up to six live and the rest pre-recorded). It also supports the streaming of MP3 audio files. Encoded bit rates depend on the Optibase encoding platforms you choose for your facility.

Transmission Server transmits streams over IP (UDP) networks, using multicast and unicast transmission, as well as over point-to-point and point-to-multipoint native ATM networks. The Transmission Server supports real-time encoding and upload to many third party video servers.

Transmission Server is managed remotely by the MPEG ComMotion Director. Alternatively, system integrators can use the Transmitter ActiveX control to develop a customized front-end and integrate it into value added applications.

ComMotion Director

ComMotion Director is a Web-based management platform for the remote configuration and operation of MPEG ComMotion Pro Transmission and Recaster Servers. ComMotion Director can control several Transmission and Recaster Servers from a single station. ComMotion Director's live preview feature lets you preview and monitor video and audio streams as they are being transmitted. ComMotion Director's HTML interface can be customized to suite application needs.

ComMotion Recaster

ComMotion Recaster is a real time video gateway for IP and ATM networks. ComMotion Recaster receives IP streams from either satellite or other point-to-point sources, and recasts them over IP and ATM LAN / WAN networks in real-time. ComMotion Recaster considerably enhances satellite-based networks or other access networks (such as xDSL) by enabling the real-time re-distribution of incoming streams over local networks. ComMotion Recaster is managed remotely by ComMotion Director.

ComMotion Receiver

ComMotion Receiver delivers video to clients' desktops. An HTML based receiver and player, with Windows™ Media Player™ as a front-end viewer, ComMotion Receiver plays back real-time MPEG-2, MPEG-1 and MP3 streams received from IP and ATM networks.

ComMotion Receiver comes with an ActiveX control and plug-in, to allow the development of customized Web based streaming media applications.

Designed for large-scale deployment, ComMotion Receiver has a customizable installation utility that enables one-step automatic installation on thousands of clients.

Development Tools

Optibase Video Streaming Development Tools provide OEMs and system integrators with ActiveX components for customizing video streaming applications and integrating them into large-scale systems. Optibase Video Streaming Development Tools can be used for creating HTML, Java, VC++, and Visual Basic applications.

Applications

- Business TV
- Distance learning
- Corporate training
- Broadcast TV over networks
- Web-TV
- Hospitality entertainment
- Surveillance and monitoring

Video Streaming Developer Club

The Video Streaming Developer Club provides system integrators, OEMs and developers with the support and tools needed to develop video streaming solutions based on Optibase's Video Transmission Servers. By subscribing to the Video Streaming Developer Club, you'll get direct access to Optibase expertise, helping you cut development cycles and get your product to market sooner. Video Streaming Club members enjoy major benefits including:

- Direct access to Optibase technical support engineers.
- A members-only Video Streaming Developer web site for access to the latest tools and utilities.
- Free participation in development seminars.

Optibase Customer Clubs

MPEG ComMotion Pro is available with an optional Software Maintenance Service that grants you automatic membership to the ComMotion Customer Club. Through the ComMotion Customer Club you'll have access to the Optibase knowledge base, product patches, upgrades and technical tips.

www.optibase.com/customer_clubs

