



MPEG ComMotion™

UDP 3.5

Real-time Digital Video Streaming Platform

Real-time Transmission to Single or Multiple Sites

MPEG ComMotion UDP 3.5 is a software platform designed for deploying and developing MPEG-1 and MPEG-2 video streaming solutions. MPEG ComMotion UDP 3.5 is ideal for advanced multimedia solutions deployed over digital IP networks.

Applications developed with MPEG ComMotion UDP 3.5 include distance learning, computer-based training, corporate communications, surveillance systems, manufacturing process monitoring, business TV, high-quality value added video conferencing systems, archiving and video libraries.

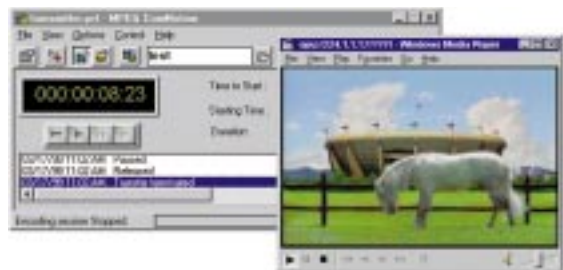
Features

- Broadcast, unicast or multicast over IP networks
- Streams multiple MPEG-1 or MPEG-2 pre-recorded video or live TV feeds in real-time
- Supports multiple decoders on the same PC
- Supports external video server vendors, including Oracle Video Server and SGI WebFORCE MediaBase
- Includes multicast player with ActiveX control and plug-in
- Windows 95, Windows 98 and Windows NT compatible
- Reduced end-to-end delay for interactive applications
- Scheduled transmission

MPEG ComMotion UDP 3.5 consists of several components:

MPEG ComMotion Transmitter

MPEG ComMotion Transmitter is a software platform that lets you manage the streaming process. Each streaming station can transmit several MPEG-1 or MPEG-2 streams simultaneously in real-time to an IP network. Streams can be prerecorded or encoded live using Optibase encoding boards. Encoded bit rates depend on the Optibase encoding hardware you choose for your facility.



MPEG ComMotion Receiver

MPEG ComMotion Receiver plays back MPEG-1 or MPEG-2 streams in real-time, and is designed for developing real-time MPEG playback applications in multicast, broadcast or unicast modes. It supports multiple stream playback on a single PC. MPEG ComMotion Receiver is based on Microsoft DirectShow architecture. It offers ActiveX controls, allowing developers to customize and integrate the player into large-scale applications. MPEG ComMotion Receiver has a configurable single-file single-click installation utility for rapid deployment of large installations. It is compatible with Microsoft Internet Explorer, Netscape Communicator, Visual Basic, C++ and Java. MPEG ComMotion Receiver supports Optibase's MPEG-1 and MPEG-2 hardware-assisted decoders.

Network Connectivity

MPEG ComMotion UDP 3.5 integrates seamlessly with leading video server vendors including Oracle Video Server and SGI WebFORCE MediaBase. Encoded video feeds can be stored in real-time to a video server for later retrieval. MPEG ComMotion UDP 3.5 offers up to 240 hours of continuous stream upload to the Oracle Video Server.

Never Skips a Beat

Optibase's unique EverSync™ technology ensures lasting audio and video synchronization for professional applications. EverSync encoding technology maintains video and audio synchronization ensuring that your video infrastructure delivers a steady and reliable stream 24 hours a day, seven days a week.





MPEG ComMotion™ UDP 3.5



Real-time Digital Video Streaming Platform

Available Hardware Options

Optibase Real-time Encoders

MPEG MovieMaker™ XPress	High quality single board, plug and play, MPEG-1 SIF and QSIF encoder up to 3Mbps.
MPEG MovieMaker Plus	High quality single board, plug and play, MPEG-1 SIF and QSIF encoder up to 5Mbps.
MPEG MovieMaker 200	Professional single board, plug and play, MPEG-2 encoder.
MPEG Forge™	Professional MPEG-2 Half D-1 encoding boards.
MPEG Fusion™	Professional MPEG-2 Full D-1 encoding boards.

Optibase Real-time Decoders

VideoPlex™ XPress	High quality, video-in-a-window MPEG-1 and MPEG-2 decoding board.
VideoPlex Plus	High-quality MPEG-1 and MPEG-2 decoding board with composite outputs.
VideoPlex Pro	Professional MPEG-1 and MPEG-2 decoding board with composite outputs, closed caption and genlock pass-thru.
VideoPlex YUV	Professional MPEG-1 and MPEG-2 decoding board with component YUV outputs.

System requirements:

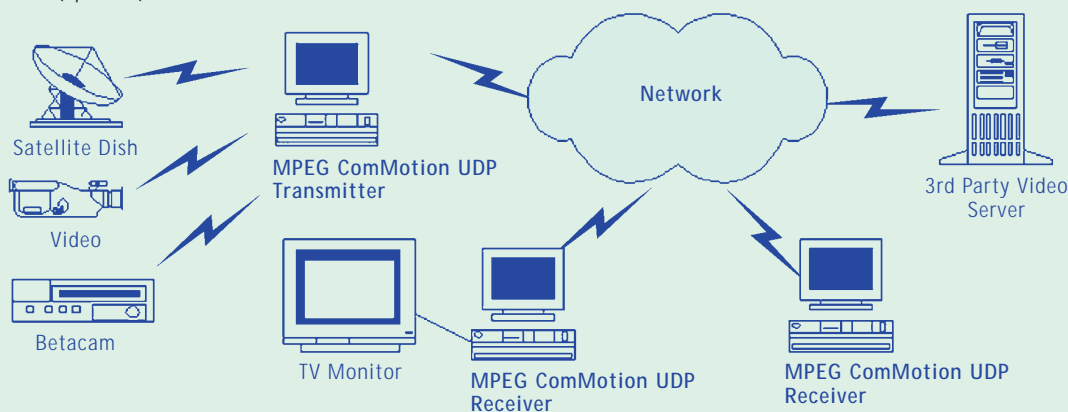
MPEG ComMotion Transmitter (system with one encoding board)

- Pentium 133 (MPEG-1); Pentium 166 (MPEG -2)
- SCSI-2 disk controller (MPEG-1) or SCSI-2 wide disk controller (MPEG-2)
- SCSI-2 fast wide hard disk (2 GB recommended) with 5 Mbps write data transfer
- Windows 95/Windows NT 4.0
- 32 MB RAM
- One full size PCI slot
- VGA or SVGA graphics board diskette drive
- CD-ROM drive and 3.5
- Sound blaster (optional)

MPEG ComMotion Receiver

(For hardware-assisted playback. For software playback you may need a more powerful system.)

- Pentium 133
- Windows 95/Windows98/Windows NT 4.0
- 32 MB RAM
- VGA or SVGA graphics board diskette drive
- CD-ROM drive and 3.5
- Sound blaster



©1999 Optibase, Optibase Inc., the Optibase logo, MPEG ComMotion, EverSync, MPEG MovieMaker, MPEG Forge, MPEG Fusion and VideoPlex are registered trademarks of Optibase. Other product names mentioned are used for identification purposes only and may be trademarks of their respective companies.

Optibase Inc.
3031 Tisch Way, Plaza West, Suite 1,
San Jose, CA., 95128 USA.
Tel: +1-800-451-5101, +1-408-260-6760
Fax: +1-408-244-0545
Email: sales_usa@optibase.com

Optibase Ltd.
7 Shenkar St., P.O.B. 2170
Herzliya, 46120 Israel.
Tel: +972-9-9709-200
Fax: +972-9-9586-099
Email: sales_intl@optibase.com

Optibase Europe
Pew Hill House, Pew Hill
Chippenham, Wiltshire, SN15 1DN, UK.
Tel: +44-1249-460066
Fax: +44-1249-461066
Email: sales_euro@optibase.com

Web: <http://www.optibase.com>

