



# MPEG Composer™

The Ultimate Encoding Management Application

MPEG Composer is a professional encoding management application that runs on top of Optibase's encoding platforms, giving you total control over the MPEG encoding process. MPEG Composer lets you compress video content into MPEG digital video formats for streaming over broad and narrow-band networks, storage and access from video servers and content creation. MPEG Composer enables a wide selection of Optibase encoding boards that have feature sets designed to meet your exact application requirements. MPEG Composer is available in several versions:

- **MPEG Composer 200** enables Optibase's range of MPEG MovieMaker 200 encoding boards as well as several of Optibase's VideoPlex decoders. Together, this package enables powerful encoding features such as real-time variable bit-rate encoding, Dolby Digital audio encoding and inverse telecine. MPEG Composer 200 includes MPEG Organizer, a sophisticated batch encoding tool, Device Control and pre-figured consoles for DVD and SuperVCD stream creation.
- **MPEG Composer Plus** for MPEG-1 enables MPEG MovieMaker Plus, Optibase's MPEG-1 encoding board as well as several of Optibase's VideoPlex decoders. MPEG Composer Plus includes the MPEG Organizer and the Device Control tool.
- **MPEG Composer Starter**, the entry-level version of the MPEG Composer product line, comes bundled free with the MPEG MovieMaker family of encoding boards. It is designed to let you start encoding clips and test your encoding hardware.

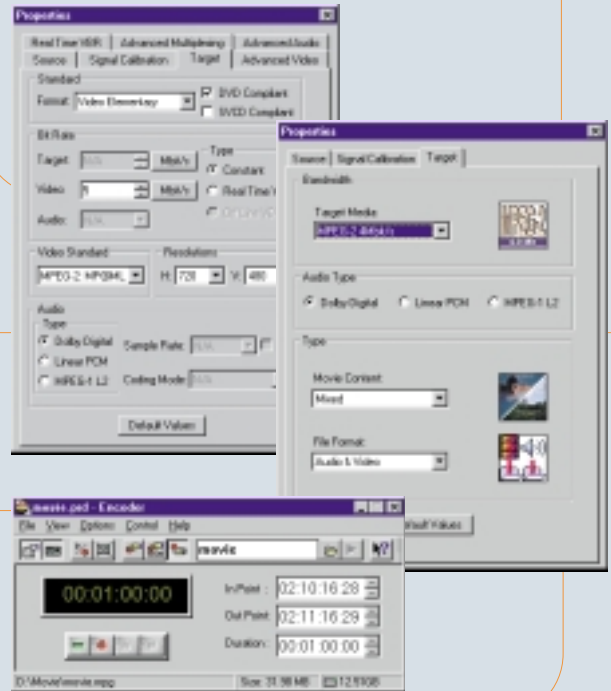
## Easy Upgrade Path

You can easily upgrade MPEG Composer Starter to MPEG Composer 200 or MPEG Composer Plus, depending on the hardware in your system. Optibase offers convenient upgrade paths, including direct registration on the World Wide Web at [www.optibase.com/products/composer](http://www.optibase.com/products/composer).

## A Wide Range of Tools

MPEG Composer packs powerful tools that cover all aspects of the encoding process. MPEG Composer's central control panel puts you within easy reach of all the tools needed to carry out encoding sessions. It offers preset or detailed encoding modes that vary the amount of control you have over the encoding process.

Preset or detailed encoding modes vary the amount of control you have over the encoding process.



Precisely calibrated factory settings allow users who want to do quick and professional encoding to set video and audio quality, file format and content type all from one window. Technical users can choose the detailed mode to fine-tune their digital video streams for hand-crafted MPEG files.

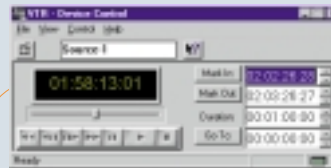
With MPEG Composer's decode-while-encode feature, you can save time drastically by monitoring the quality of your encoded stream as it is being encoded. In addition, MPEG Composer has a Diagnostics Utility that lets you easily keep track of your hardware's performance.



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## Frame Accurate Encoding

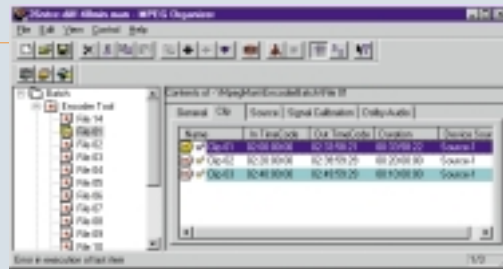
MPEG Composer's Device Control panel works together with the central encoding panel and MPEG Organizer™ to set frame-accurate start and stop points for exact and precise encoding. MPEG Composer's user-oriented interface lets you browse through your video source and set Start and Stop points as soon as you reach the desired frame. It then adjusts and displays the exact duration of the encoded stream.



The Device Control's Mark In and Mark Out buttons let you set the exact Start and Stop frames of your stream.

## Professional Batch Encoding

MPEG Organizer™ is a professional batch-encoding tool that lets you set global encoding parameters for numerous files. It keeps track of important file information including user comments, bit rate, input device and movie length, so you have all the information you need at a glance. MPEG Organizer lets you optimize your production facility for 24-hour-a-day efficiency: Prepare complex batch-encoding sessions ahead of time, then run them after-hours when your system is free for heavy-duty performance. MPEG Organizer can play back complex play lists that contain numerous files and multiplex video elementary streams into Program and Transport streams.



You can use the mouse or the keyboard to easily change parameters for all batch files globally. It's as easy as using a spreadsheet to update data.

## Instant Playback

MPEG Composer's Player supports several Optibase decoding boards as well as software playback applications such as Microsoft's Media Player. It can play back entire files or frame-accurate clips. The player controls stereo level output and works in tandem with the MPEG Organizer.

## Hardware Options

Optibase's Customer First approach to digital video creation allows you to choose the hardware features you need so that the package you buy fits your application requirements exactly. Under Customer First, you can configure the hardware and software combination to meet a wide variety of applications, bandwidths and price point requirements. You can start with a base platform and build features from a wide variety of options.

## Optibase Real Time Encoders

MPEG MovieMaker™ Plus

High quality single board, plug and play, MPEG-1 SIF and QSIF encoder.

MPEG MovieMaker 200 family

A range of professional single board, plug and play, MPEG-2 and Dolby Digital AC3 encoders that offer a wide spectrum of features for various applications.

## Optibase Decoders

VideoPlex Plus

High-quality MPEG-1 and MPEG-2 decoding board with composite and Y/C outputs.

VideoPlex Pro

Professional MPEG-1 and MPEG-2 decoding board with composite and Y/C outputs, closed caption and Genlock pass-thru.



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