

TELEPRESENTER™ M3 Series 2



PRACTICAL PRESENTATION AND COLLABORATION

The Telepresenter M3 Series 2 is a content production and distribution system for digital networks. Designed for recording and streaming high-quality presentations, the M3 Series 2 combines high-resolution graphics (RGB/DVI) with video feeds and stereo audio into one multimedia file, which is then made available for either real time viewing or on demand playback. The M3 allows for interactive presentations so users can collaborate in real time.

Traditionally, authoring sophisticated media presentations usually required an outside production firm or dedicated staff, which are expensive approaches. Several pieces of costly equipment would be needed to capture the various media sources and combine them in a meaningful way into a multimedia file. Furthermore, encoding these files so they can be streamed on the Internet can be cumbersome and time intensive, and still more hardware is needed for streaming. The Telepresenter M3 Series 2 fully automates this process by offering a dedicated hardware solution with a powerful set of features.

The Telepresenter M3 allows users to:

- ◆ Capture—several multimedia feeds, like graphics, video, and audio,
- ◆ Compose—these feeds with PiP into a single multimedia stream,
- ◆ Encode—the stream into an industry standard MPEG-4 file,
- ◆ Cast—that file on the Internet using realtime streaming protocols,
- ◆ Archive—the stream for on-demand viewing, and
- ◆ Collaborate—with other Telepresenters or other audience PCs.

The Telepresenter M3 introduces support for up to WUXGA (1920x1200) input resolutions and PiP (Picture In Picture) video and graphics overlay. The M3 is a dedicated hardware solution that combines simple operation with a powerful set of features. Enjoy universal interoperability with any RGB/DVI source: laptops, PCs, MACs, document cameras, diagnostic equipment, etc

The M3 is easy to operate, simply plug in RGB (laptop, document camera, etc), DVI, video, and audio sources. Start and stop sessions using the web interface, serial commands or the ubiquitous Google calendar. The input signals will be automatically detected by the system and combined dynamically in a PiP (Picture in Picture) format. At the start of a session, this combined signal will be encoded as an MPEG-4 file, and will then be available for streaming, recording and collaborating.

APPLICATIONS

- ✓ Presentation and Lecture Capture
- ✓ Distance Learning
- ✓ Corporate Training
- ✓ Telemedicine
- ✓ Municipal, State and, Federal Government Communications

FEATURE HIGHLIGHTS

• INTEGRATED VIDEO AND GRAPHICS

M3 technology integrates high resolution graphics and video sources into a PiP (Picture in Picture) or Picture-by-picture format

• PiP CUSTOMIZATION

Robust control set available for Picture-In-Picture technology, logo insertion and textual description

• PiP TEMPLATES

User-defined preset templates simplify session setup

• SCHEDULING

Schedule one or more Telepresenters using Google Calendar or other iCalendar based tools

• ROBUST

Embedded Linux kernel for secure, crash-free operation

• SCALABLE

N-Cast technology allows for maximum scalability with remote users if streamed through multicast. Alternatively, embedded unicast server supports up to 30 users as well

• GRAPHICS RESOLUTION

Supports up to WUXGA (1920x1200) output and streaming capabilities

• GRAPHICS QUALITY

Retain full integrity of original image using digital motion adaptive interlacing to maintain fonts, color depth, and resolution

• RECORD CAPABILITIES

Archiving feature captures any source to the M3 for later download or remote viewing

• AUDIO CAPABILITIES

The M3 offers audio input and mixing from all sites to provide additional content

• PLAYBACK OPTIONS

Recorded archives can be streamed or displayed

• DESKTOP PLAYERS

Anyone connected to the network can view a Telepresentation via a web browser and media player (Quicktime, Real, Windows Media Player)