

Incite Video Printer

Designing Integrated Solutions for Video Broadcasting

VP



COMPILE SEQUENCES FOR PLAYOUT USING INCITE'S NETWORK VIDEO PRINTER



INCITE VIDEO PRINTER VP

Network-based Video Printer for Playout and Delivery



Incite Video Printer provides remote mixdown services for the entire network-based production facility, receiving and processing mixdown tasks from Incite client NLE applications like Incite Newsmaker N1, Incite Media Producer MP, Incite Remote Producer Net and Incite Editor E3 Studio.

The purpose of Incite Video Printer is to provide a centralized “video printing” service for all network clients using IT technology in much the same way a desktop printer prints paper-based documents for an office environment. The remote service is provided over a standard IP connection and controlled and monitored by Incite Task Server Q10.

Once a sequence has been prepared on an Incite NLE application, the timeline, or portion of a timeline, is submitted via TCP/IP protocol to Incite Video Printer for mixdown. The mixdown task list is monitored through Incite Task Server, monitoring the tasks generated by multiple NLE clients. File status for the playout media can be viewed through the Project list and MAM server using Incite Media Manager M2 as the client, where the new mixdown media can be organized to create running order for playout through the central playout station, Incite Video Server.

**Unique network-based
mixdown service**

**Compile output and delivery
files at any resolution**

Submit requests from these

Incite applications: E3, MP,

RP Net, N1, N2

Incite Video printer Advantages:

- Centralized mixdown and publishing
- MOS support and Newsroom integration
- Direct access to mixdown media from client application
- Continue to edit on workstations, while the mixdown is processed over the network
- Edit in proxy format, Print video at high resolution

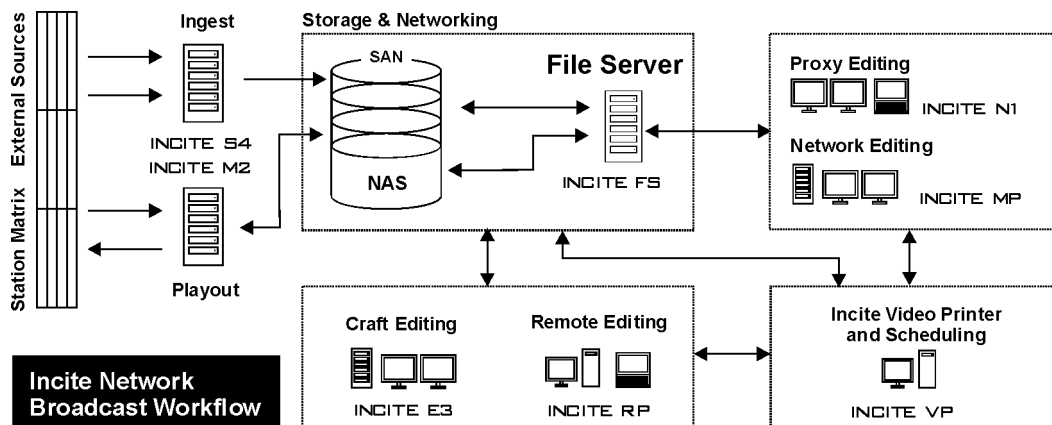
COMPILE SEQUENCES FOR PLYOUT USING INCITE'S NETWORK VIDEO PRINTER



Incite Video Printer

Incite Video Printer Workflow

- The basic workflow involves using an Incite NLE application to create a project and build a timeline using centrally stored media. Once the timeline has been prepared, the user selects the region of the timeline that needs mixing, then makes the "remote mixdown" request over the network. Incite Video Printer is assigned the task via Incite Task Server Q10, at which point the timeline is printed to disk as a single file.
- Incite Video Printer is designed to provide hi-res mixdown, while the media used to create the actual timeline can be proxy format media. For example, Incite Newsmaker N1 can create and edit timelines using proxy media simultaneously transcoded from the hi-res media during ingest. Incite Video Server will dynamically switch to the hi-res files when it receives the mixdown request.
- The way this is handled depends on the way media is treated during ingest and how the media is organized on the network using Incite Project Configuration tools and Incite Task Server. All media is stored on the central server, hi-res files being directed to the SAN while proxy resolution files to the NAS.
- The only requirement is that Incite Video Printer needs direct access to the hi-resolution video for the mixdown. There is no need for file transfers or recapturing hi-resolution media.
- The remote mixdown task is triggered through Incite Task Server over a TCP/IP address.
- Software-based transcoding of media resulting from a Video Printer mixdown can also be performed using Incite Task Server Technology. As the mixdown media is created (during the mixdown), Incite Task Server initiates the transcoding procedure. In this way you can produce different file formats from the same media source. For example, if you are compiling in high-resolution MPEG2, you may want to create parallel formats for low-resolution storage or web-casting.



System Specifications

- Operating System: Windows 2000; Windows XP (XP Professional recommended); optimized for latest service packs and updates
- Choice of Matrox Max DigiSuite hardware: Support for all Matrox DigiSuite hardware
- Video Codecs: (depends on DigiSuite hardware) MPEG2, native DV25, DV50, DVCPRO, MJPEG (lossless uncompressed and lossy); proxy formats: DivX, QuickTime and other standard multi-media codecs
- DigiSuite Hardware Codec Specifications:
 - LE:** Compressed MJPEG (up to 15Mbytes/sec);
 - Full DS:** Uncompressed MJPEG (lossless) and compressed MJPEG (up to 15Mbytes/sec);
 - LX:** DV25, MPEG2 (up to 50 Mbytes/sec);
 - DTV:** DV25/DV50, MPEG2 (up to 50 Mbytes/sec);
- Merging Technologies Mykerinos DSP audio card.
- Graphics Display Card: Matrox G550
- QLogic 2310 Fiber Channel Host Bus Adapter
- 3Com Alacritech Gigabit Ethernet TCP/IP Accelerator TOE



IMC- Technologies Inc.

Chemin des Aulx, 16
1228 Plan-les-Ouates - Geneva /Switzerland
Tel. +41 (0)22 308 93 70 Fax. +41 (0)22 308 93 71

Internet

www.incite-tech.com

E-mail

info_imc@incite-tech.com