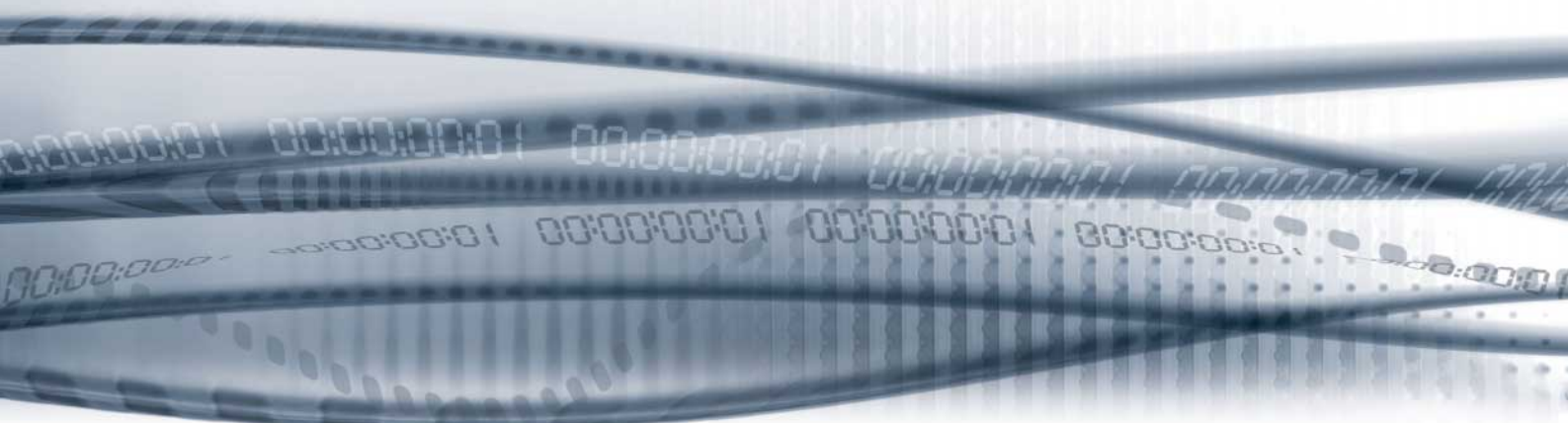


Incite Task Server

Designing Integrated Solutions for Video Broadcasting

Q10



TRUE TASK AUTOMATION FOR INCREASED VIDEO PRODUCTION WORKFLOW



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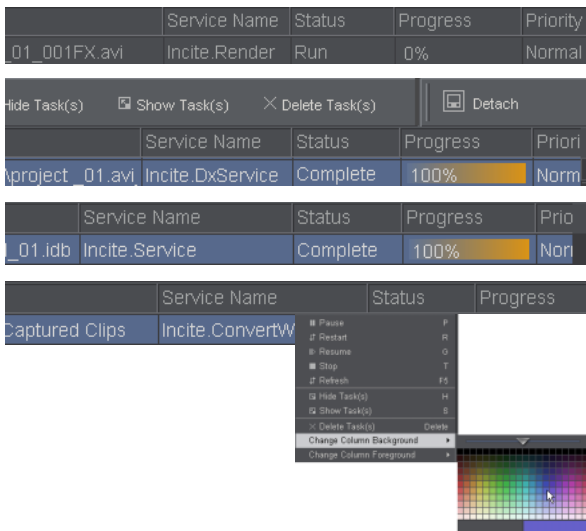


INCITE TASK SERVER Q10

Intelligent Transcoding, Rendering and Video Farming

Incite Task Server regulates exponential processing power for the automation of time-consuming but vital tasks in all phases of post-production. Whether its batch digitizing, batch encoding, batch rendering or exporting sequences for final delivery, Incite Task Server lets you incorporate and manage all available CPU and hardware power connected to the network for faster performance and service.

Use Incite Task Server to automate the creation of duplicate proxy media for off-line editing during the capture of high-bitrate media. Use Incite Task Server to monitor render requests and process those requests on high-speed video farms (approaching near real-time rendering) simultaneously encoding into multiple formats for different distribution markets. In addition, use Incite Task Server to automate remote mixdown (export, playout, delivery) services via Incite Video Printer.



Automate transcoding

Automate rendering

Automate sequence compiling

Transcode during Ingest

Network-based video farming

Top Features for Incite Task Server

- Network-based task and media management over Ethernet connection for centrally stored media on SAN and NAS storage devices
- Distribute CPU-based transcoding and background rendering throughout the network
- Video Farming: Simultaneous transcoding to multiple formats during ingest
- Incite's dynamic clip architecture ensures transparency between hires media and transcoded proxy media: no need to recapture
- Easy-to-use transcoding templates for today's most popular broadcast quality and multimedia formats
- Integration with Incite Video Printer for remote mixdown over TCP/IP of playout media directly from central storage

TRUE TASK AUTOMATION FOR INCREASED VIDEO PRODUCTION WORKFLOW



Incite Task Server

Rendering and Render Management

- Background rendering with exclusive Incite Task Server Automation for batch rendering and network-distributed render farming
- Software rendered effects support for 3rd party plug-ins used by Incite editing applications: Boris FX, Film FX, Ultimatte, Boris Red and others
- Full support for dual processor systems for multi-threaded, faster, and more efficient rendering
- Dynamic clip architecture allows sharing of rendered material with other workstations on the network with no need for file transfers
- Apply effects templates from local and network-based libraries with automated rendering (drag and drop triggering)
- Control and manage tasks using Incite Task Server interface embedded in Incite Media Manager
- Complete job control direct from Incite editing applications and Incite timelines

Transcoding

- All incite transcoding tasks are CPU-based, and performed in the background and/or over the network. Incite purposes that user has 3 different proxy files available:
 - Intranet - inside TV station: 1-2 Mbit MPEG4
 - Extranet – between two TV centers: 0.8 - 1 Mbit
 - Internet – open type of logging : 56K - 256K
- Easy-to-use transcoding templates using an XML architecture
- Transcode in the background or distribute transcoding over the network (video farming)
- Transcode multiple formats directly to network-based storage
- Simultaneously transcode multiple proxy formats during ingest of hi-res media: MPEG2, native DV25, DV50, DVCPRO, MJPEG (lossless uncompressed and lossy)
- Transcoded formats are dynamically linked to original hi-res media
- Intelligent background transcoding: Automatically transcode media on import or drag and drop to the Incite timeline matching timeline format
- Batch Transcode selected media files from Incite Media Manager or during batch capture with Incite Editor and Incite News
- Transcode clip selections (based on log in and log out points) or entire media files
- Control all transcoding tasks through user-friendly Task Server interface embedded in Incite Media Manager
- Advanced Incite Project Configuration tools let you assign/modify proxy media destination folders over the network for projects, users and workgroups
- Automated transcoding ensures collaborative workflow between Incite proxy editing and on-line editing systems which share the same dynamic database architecture
- Share transcoded material with other workstations in on the network without the need for file transfers
- Transcoded proxy media can be edited in Incite Newsmaker and Incite Remote Producer, while hi-res media is dynamically linked for finishing the same project on-line in Incite Editor and Incite News

Networking and Video Farming

- Robust and open architecture designed for advanced media management, SAN-networking and collaborative servicing for all Incite editing applications
- Instant, shared access to centralized media, eliminating the need for file transfers
- Use and manage all available CPU in the network for processing requests
- Local station task status display keeps you updated and informed about requests
- Automatic, dynamic update and display for render requests per clip on the timeline
- Batch render and transcode clips either locally or over multiple stations
- Virtually unlimited station interconnectivity increases your processing power exponentially

Supported Codecs

File Types for Conversion

The Incite Logging Panel supports the following file types and formats:

- Video: AVI, MPG, MOV, WMV
- Audio: WAV
- Graphic Sequences: TGA, TIFF, BMP, JPG

AVI Codecs for Conversion

- DivX
- DV/DV CAM (Matrox)
- DV25 Stream
- DV50 Stream
- DVCPRO (Matrox)
- DVCPRO 50 (Matrox)
- Indeo 5.1.1
- MJPG (LEAD, Matrox, PIC)
- MJPG Lossless (LEAD, Matrox, PIC)
- MPEG1
- MPEG1 IBP
- MPEG 2
- MPEG 2 IBP
- MPEG 2 IBP Stream
- MPEG 2 Stream
- MPG
- PIC Video
- QuickTime
- RealMedia (RM, RMVB)
- Windows Media (WMV)
- Window Media 9 (WMV9)

MOV Codecs for Conversion

- BMP Compression
- Cinepak
- Component Video
- DV
- DV/DVCPRO
- DVCPRO
- H.261
- H.263
- Intel Indeo Video
- Motion JPEG A
- Motion JPEG B
- MPEG 4
- Photo -JPEG
- Planar RGB
- PNG
- RLE Compression
- Sorenson Video
- Sorenson Video 3
- TGA
- TIFF
- Uncompressed

Task Server/System Specifications

- Task Server is both a standalone application and Task Server technology is embedded in Incite Media Manager and Incite editing applications (Incite Editor).
- Task Server can be installed on a standard PC and controls multiple PCs or Incite workstations for software-based rendering and transcoding
- Windows XP (Windows 2003 server recommended); optimized for latest service packs and updates
- Pentium III minimum; Support for dual-processor systems as well as single processor laptops; Multi-threaded architecture support takes full advantage of today's CPUs, including Hyperthreading® technology when using Intel Xeon® and Pentium IV HT processors
- 1 GB RAM minimum
- Standard Ethernet connection allows Incite Task Server to automate and manage tasks over the network



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