Cinegy Convert
server-based transcoding and batch processing

Cinegy

Cinegy Convert is Cinegy's server-based transcoding and batch processing service. Designed to function like a network-based print server, it can be used to perform repetitive export and conversion tasks by "printing" material to pre-defined formats and destinations. Available in both standalone and Cinegy Archive integrated variants Cinegy Convert saves time that can be applied to more important activities by automating repetitive tasks. Processing is performed on dedicated Cinegy Convert Agent servers that act as a print queue/spooler grid, processing tasks in parallel and by priority.

Highly flexible, scalable and interactive, Cinegy Convert is an ideal tool for converting material into different formats for broadcast and online delivery, as well as for integration with third-party NLE systems in a workflow.

KEY FEATURES

Centralized & automatic processing

Flexible & scalable

Easy to use

Customizable events

Notifications

Save time on repetitive tasks

Convert media files

Export metadata

Scripting

Export to file, MPEG-2, H.264, MXF and many more

Automatic import of media files

Cinegy Archive Integration *

* available as a paid option

Density

Cinegy Convert enables effective consumption of your resources by running as many simultaneous tasks per machine as required. All processes are independent from each other. Being 64-bit and optimized to use all available processing powers Cinegy Convert will take everything from the machine it is running on saving your precious time.

Scalability

Cinegy Convert is suitable for both single machine installations and large enterprise level transcoding farms. Internal architecture allows effective load balancing and tasks processing on any number of dedicated Cinegy Convert servers while keeping the deployment as simple as possible.

Interactivity

Cinegy Convert provides rich feedback on the processes being performed and statuses of every single node of the processing network. Information can be taken from the central coordination service providing the general overview on the system health or dive into details directly from a processing node, even with live video feedback from a task as it progresses. Extensive logs with configurable log levels provide additional information about when, where and what tasks were performed by each job server.
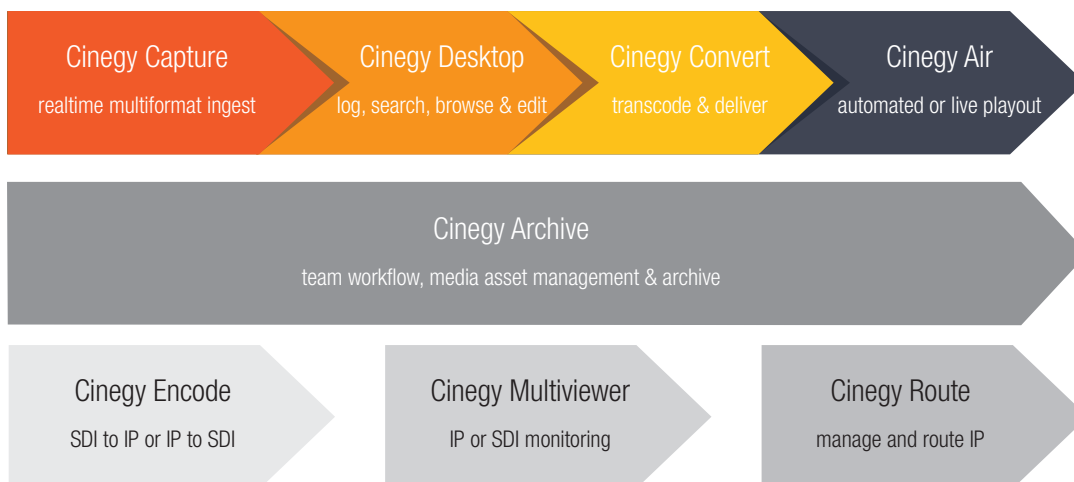
Stability

Cinegy Convert protects your data at every stage of the process from taking the task from the watched folders to publishing results in Cinegy Archive. In case of any issues the system will try recovering the tasks while providing the rich feedback for an operator.
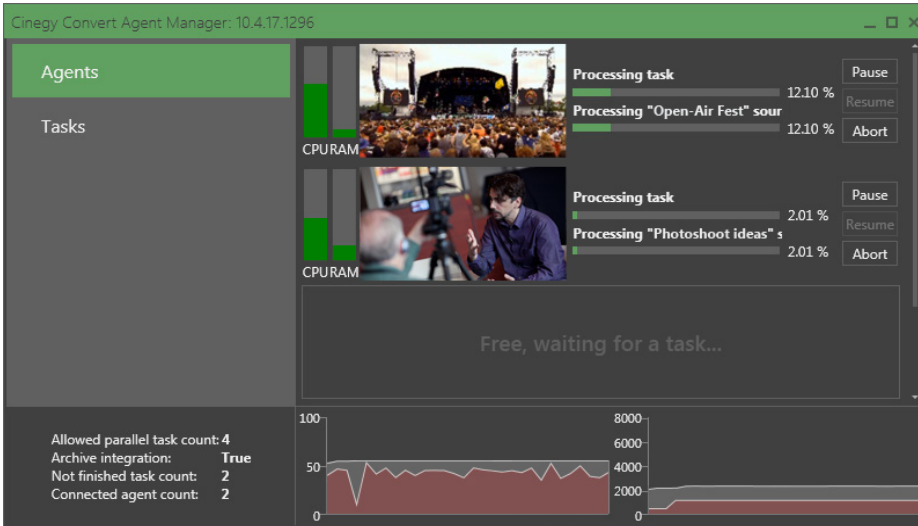
Cinegy Capture	Cinegy Desktop	Cinegy Convert	Cinegy Air
realtime multiformat ingest	log, search, browse & edit	transcode & deliver	automated or live playout

Cinegy Archive
team workflow, media asset management & archive

Cinegy Encode	Cinegy Multiviewer	Cinegy Route
SDI to IP or IP to SDI	IP or SDI monitoring	manage and route IP

Cinegy software forms an open platform consisting of a suite of tools, applications and open APIs covering every stage of the digital production process. Cinegy Convert provides a batch processing service for automatic export and transcoding.

Cinegy Convert
server-based transcoding and batch processing

cinegy

Cinegy Convert Agent Manager: 10.4.17.1296   _ □ ×

Agents

Tasks

CPU RAM
Processing task
Processing "Open-Air Fest" sour   12.10 %
12.10 %
Pause
Resume
Abort

CPU RAM
Processing task
Processing "Photoshoot ideas" s   2.01 %
2.01 %
Pause
Resume
Abort

Free, waiting for a task...

Allowed parallel task count: 4
Archive integration: True
Not finished task count: 2
Connected agent count: 2

100
50
0

8000
6000
4000
2000
0

Cinegy Convert Monitor: 10.4.17.1296   _ □ ×

Queue

Agent Managers

History

Add task   Explore

Live	Status	Priority	Created	Task	Progress	Handler host name
		High	4/21/2016 4:09:03 PM	Science.avi	Processing task 69.40 %	ZT-58

Processing task
Processing "Science.avi" source   69.40 %
69.40 %

| | | Medium | 4/21/2016 4:09:12 PM | Wild Life.avi | Processing task 7.47 % | ZT-58 |
| | | Medium | 4/21/2016 4:09:01 PM | News.avi | --- | |

Connected

Automation

Cinegy Convert accepts tasks both manually and automatically. Operators using an appropriate client application can submit custom processing task or dedicated watch folders can be created allowing incoming media to be automatically processed according to pre-configured parameters.

Cinegy Archive Integration

Cinegy Convert is fully integrated with Cinegy Archive utilizing the job folders infrastructure. Any Cinegy Desktop connected to the archive can easily create exporting, transcoding, analysis or conversion tasks via simple drag-and-drop operation within the job folders window. Tasks assigned to a particular folder can be viewed, managed and monitored through the job folder window. Working in this integrated mode, Cinegy Convert automates such important tasks as media import, generic media export, additional qualities creation, and more.

Media File Transcoding

Regular media transcoding tasks can be easily automated. Supported file export types include (but are not limited to) MPEG-2 / H.264, MXF OP1a, MXF AS03, MXF AS11, XDCAM HD and MP4.

CCV0416V10