Cinegy Desktop
collaborative workgroup production tool

Cinegy Desktop is a universal production tool that provides real-time access to media in the Cinegy Archive, along with a powerful suite of tools for logging and editing, and an almost limitless ability to import and export media to third-party non-linear editing and automation systems.

Cinegy Desktop runs on standard office IT infrastructure and can be installed on any user's desktop within a network environment. It allows users to collaborate from their desktops, without tying up expensive editing bays. Full system functionality is available from any workplace, editing bay or machine room for maximum workflow flexibility.

User interface

Cinegy Desktop identifies the user by their login and password, which is centrally resolved via existing ADS or LDAP servers. The identity determines the access rights, user profile and software features for the individual user. The Cinegy Desktop user interface mimics standard Windows functionality wherever possible making it intuitive and easy-to-use. The Cinegy Desktop client allows users to access the Cinegy Archive via the familiar explorer interface to create, manage and edit items in the central database.

Items in Cinegy Desktop

- **Clip** - a single instance of essence; audio, video or both. A clip contains synchronized video, audio.
- **ClipBin** – a container for user clips. It can be also used to rough cut a sequence of clips.
- **Master clip** - a piece of original material, defined during ingest or logging session. Master clips hold all the metadata values.
- **Roll** - a container for master clips. A roll normally represents one ingest session, i.e. a tape, a file or a piece of live ingest.
- **Sequence** - a string of one or more clips joined by an edit function.
- **Multiclip** - a multi-cam object containing multiple source clips in the same TV format.

Viewing Video Material

Cinegy Desktop offers standard controls for viewing video material, including playback control with a mouse, jumping to events and shuffling. A clip can be viewed in different quality levels (high, medium or low) as defined during ingest.

Metadata

Cinegy software uses the most advanced accumulative metadata collection methods. Ingested video clips automatically inherit information including tape or disk reference IDs, cameraman, date, program name, rights, resolution, type, legal information, and production notes. Users can add additional information to a video clip or a section of a clip.

The metadata model used can be freely customized by the system administrator without any programming knowledge.

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
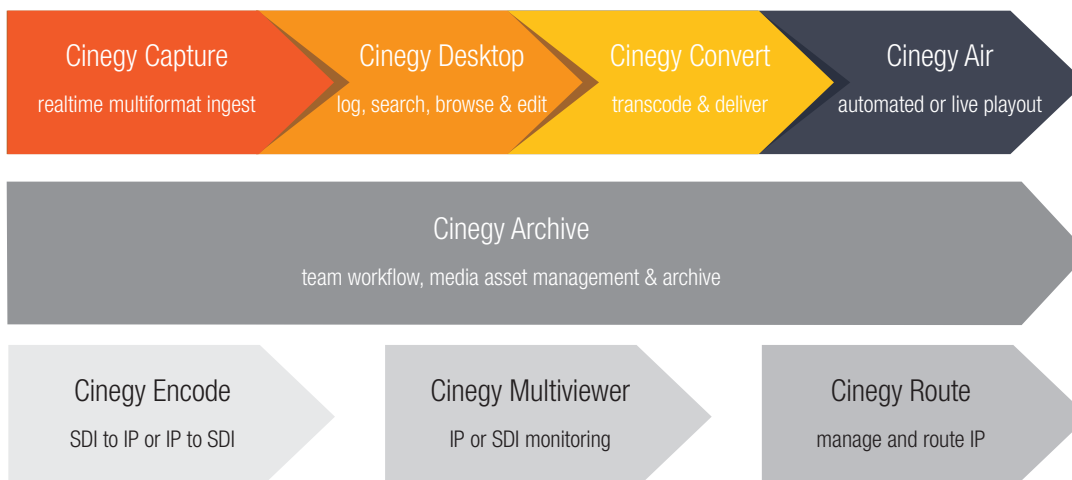
Cinegy software forms an open platform consisting of a suite of tools, applications and open APIs covering every stage of the digital production process. Cinegy Desktop is the client browse, search, log and editing production tool.

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Logging

The logging functionality in Cinegy Desktop can be applied either during or following ingest. In addition to basic logging, more advanced logging is done with the logging plug-in, using dedicated logging templates customized for the specific task and material type. Unique templates can be created for different organizations. The template creation requires no programming skills.
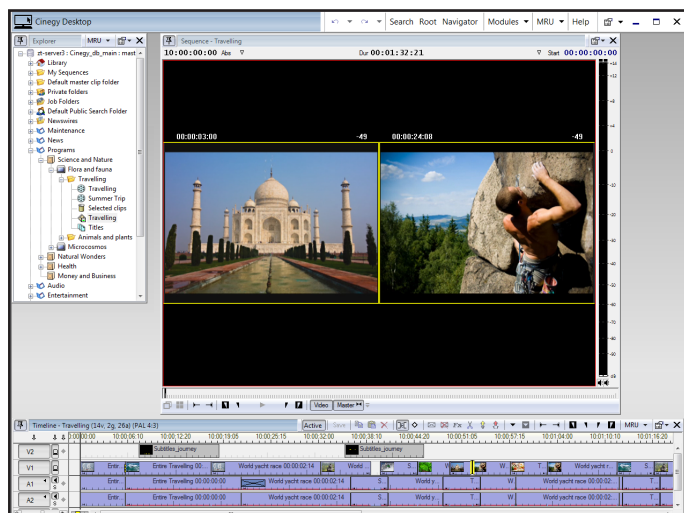
Search

Cinegy Desktop features a sophisticated search engine that can be used to quickly locate required video media and documents, even in very large archives. Users can search and sort content by keywords or metadata values. A simple search delivers results quickly; a federated search adds intranet and internet access; while an advanced search enables further functionality for more precise results.

Timeline Editing

Combined with Sequence Viewer the Timeline interface offers many versatile features and functions to make editing in Timeline simple and practical. Cinegy Desktop provides all the required tools:

- No waiting for rendering - everything is rendered in real-time
- Sequence collaboration, zoom viewer, full-screen playback and full keyboard playback control
- Mixing SD and HD as well as different aspect ratios
- Mixing all supported video and codec formats
- Multi-cam editing
- Overlay graphics and titles
- Dissolves, mixes, all SMPTE wipes, and speed effect
- More advanced effects such as Picture-in-Picture, Crop, Blur and Chromakey
- Clip grouping and out of sync display
- Sequence markers for annotations and navigation
- Match frame indicators for ensuring seamless playback
- Color correction and image effects - extendable with plug-ins
- Voice-over recorder with user presets for equalizer and compressor
- Advanced audio features, including change audio channel, split and pan options, volume and balance adjustment, audio synchronization and voice-over recording.
- Extracting or lifting material from Timeline and closing the gaps easily
- Simple, two-point or four-point trimming functionality and trimming with the keyboard or jog-shuttle.

Two-point trimming in Cinegy Desktop
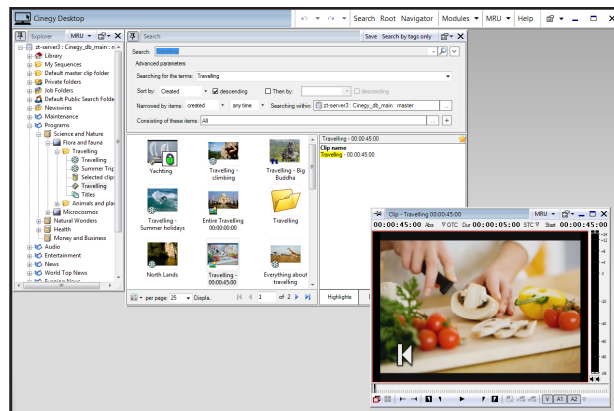
Cinegy Desktop search interface

Rights Management

Cinegy Desktop provides copyright management for ingested video materials. Copyright related information can be applied to any clip in the database. Master clips can be marked as copyrighted simply by choosing an appropriate copyright level with the corresponding copyright label displayed on the clip thumbnail. Users can only publish copyrighted material with authorized permission.

Collaboration

As Cinegy Desktop is based on client-server architecture, any changes made to the database content are immediately stored on the Cinegy Archive server. This structure enables user collaboration on the content of the bins, quick selection and logging of incoming material, and is available to as many concurrent users as are licensed to use the system.

Cinegy Archive facilitates a collaborative workflow by allowing loggers, story editors and video editors to work on video material in real-time as it is being ingested. If several clients have the same bin open, any changes made by one client will immediately be displayed on the other client screens as well. All changes made to a sequence are also visible to all permitted users, although all other clients will have read-only access to the sequence until it has been released by the client making the changes.

Changes to metadata and other information are immediately propagated to every client with the affected data open at that time. All team members have access to the same information, work with the same material, and can immediately communicate with one another and see each other's changes.

Video Effects and FX Manager

Cinegy Desktop includes a complete tool set for finishing projects and preparing them for broadcast. Add mixes for smooth transitions, mirror clips to balance sequences, or change the properties of a clip to slow down or speed up the frame rate. More advanced effects such as Picture-in-Picture, Crop, and simple keyframes are also supported. Real-time video effects may be applied to a clip via a built-in FX manager. The interface is designed to be easy to use, allowing every user to organize, select and apply video effects.

Cinegy Type - Integrated Add-On for Real-Time CG and Branding

From simple ticker tapes and lower thirds to multi-layer character animations Cinegy Type includes a whole range of advanced effects and features. This new module addresses simple requirements such as logo insertion right through to complex branding with picture in picture and background squeeze.

The Cinegy Type template editor allows the prefabrication of templates that can then be triggered by Cinegy Air automation with the variable parts of the templates being automatically updated.