EditShare®

flow

Media asset management

Production Asset Management Ingest, Browse and Log

EditShare's Flow products are all about adding efficiency and increasing productivity in your production environment, thanks to the powerful Flow database that allows you to add custom metadata and track your media assets throughout the production process, from ingest all the way through to archive. Flow comes complete with a massive library of supported codecs, from formats like AVCI to Avid DNxHD 185 wrapped in almost any container for ingest or transcode.

Flow Ingest provides multiple channels of HD/SD-SDI or file based acquisition in up to three codecs for each input channel. These codecs include Avid, QuickTime and AVI. Additionally Flow can create Universal Media Files that allow the same content to be shared across Avid and Apple editing platforms without the need to transcode twice.

Other features include Edit While Capture and file-based ingest from P2 or XDCAM cards with bandwidth control, ensuring that your network and storage are not overwhelmed by large transfers of clips.
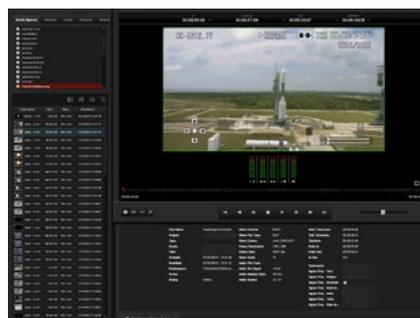
FLOW BROWSE offers quick access to all your media on EditShare storage and archive with low-resolution proxy files. You can log and create sub-clips, organize media into Bins and Sequences and retrieve archived content.

FLOW LOGGER is a versatile application for logging live feeds or existing media designed for sports and reality productions and allows fast entry of pre-defined metadata through customizable fields and templates.

Flow is fully integrated with the EditShare archive solutions Ark Disk and Ark Tape. These flexible archive solutions allow users to manage the movement of content from highly available online storage to longer term storage (disk or tape). Intelligence built into Flow allows content to be archived or restored as whole storage spaces, projects or individual files. Flow will even manage archived content that is used alongside online content within the same sequence, all from the Flow Browse UI.

Flow Ingest

Flow Browse

Flow Logger

Feature highlights

VTR, LIVE OR SCHEDULED INGESTS

Scheduled, batch-capture from VTR or manually record live feeds.

EDIT WHILE CAPTURE

Within seconds of starting ingest with Flow, you can drag the media into your NLE and work with it while it continues to grow in the background.

FLOW SCAN

Flow Scan locates media on your EditShare that was not captured through Flow Ingest, adds it to the Flow database and creates low-resolution proxy files for browsing.

DRAG AND DROP

Seamless integration with Avid and FCP allows you to drag and drop media files and sequences directly from the Flow Browse client into your NLE bin.

PROJECTS, BINS AND SEQUENCES

Flow offers tremendous production capabilities without the need to tie up an edit suite. Organize media in bins or create sequences from any workstation before you even reach your NLE.

AVID AND FCP INTERCHANGE

EditShare's Universal Media File technology allows Avid and FCP editors to share the exact same media files and even exchange sequences between the two applications without any transcoding or re-linking.

ASSET TRACKING AND FILE RETRIEVAL

Flow Browse tracks your media assets across all EditShare systems, ensuring that metadata stays intact and enabling you to quickly retrieve, produce, manage, and distribute media.

Flow Administration and Database Server

- Network-based media asset management (MAM) solution for video production in HDTV and SDTV
- Tracks media assets throughout the production process from ingest through archive
- Flow Scan will index media files on your EditShare storage and add the file's metadata to the database
- Low-resolution video proxy creation (at the time of ingest or during scanning) allows users fast media access from any mac or PC in the facility, even on slow speed networks
- Flow Browse software allows all users to access content, search, log, and edit sequences using just the proxy files

- Assets can be 'dragged' directly from the Flow Browse application window to the NLE project
- Clips, sub clips, sequences and timeline metadata are transferred to NLE platforms when dragged and dropped from Flow Browse
- Flow Control Administration GUI for setting user permissions, metadata templates, managing storage and configuration can be accessed via LAN/WAN
- Sophisticated logging with customizable metadata columns and values, keyword dictionary, and logging templates
- Fast search with wild card or custom search patterns that can be user modified and saved for repeated use
- Seamless integration with all EditShare storage systems, ingest systems, and archive solutions
- Flow is hosted on a RAID protected a RAID protected database and proxy video server for small workgroups to very large enterprises
- In small workgroups (less than eight users), Flow Admin and database software can be installed on an EditShare storage server.

Flow Software Support

Flow Browse

▶ Multi-channel ingest control, proxy browsing, logging and sequence editing

▶ Ingest scheduling, deck control, or manual live ingest operation

▶ Real-time on-screen video preview with audio levels; search, browse and log clips and manage metadata

▶ Marking, sub-clipping, and logging while ingesting, or after ingest

▶ Customizable hot key assignment for all functionality

▶ Seamless NLE integration allows 'drag and drop' directly from the Flow Browse client to your NLE bin

▶ Select video resolutions for use in Avid, FCP, Premiere Pro, Lightworks, Edius, and otherNLE applications

▶ Customizable ingest tray metadata fields, by text, number, day/date, and true/false selection

▶ Licensed by number of concurrent users, base user license packs included with all EditShare storage servers, additional concurrent 'license packs' available in quantities of five and up.

Flow Logger

▶ Sophisticated live metadata logging during or after ingest, developed for sports and reality TV production

▶ Each ingest channel can be independently logged while ingesting, or channel metadata can be ganged

▶ Customizable metadata fields, value templates, and thumbnail graphics for sports, news, reality TV shows etc.

▶ All logs stored in the Flow Database for simultaneous access by authorized users

▶ Flow logger instances count towards total concurrent Flow licenses, additional concurrent 'license packs' available in quantities of five and up.

Flow Control

▶ Administration software for all Flow configurations

▶ User management, codec/resolution management, ingest channel management including file-based and SDI ingest channels

▶ Full control and monitoring of Flow Scan, to index EditShare media spaces and add metadata about new clips to Flow Database

▶ Creation tools for Flow Logger customized templates including keyword dictionary and metadata headings

▶ Server and application diagnostics, reporting, etc.

Flow File-based Ingest

▶ Allows any Flow user to file-based ingest media from a variety of file-based sources including XDCAM and P2 directly to EditShare media spaces

▶ Allows simultaneous ingest with proxy video creation for file-based formats from any Mac or PC workstation on the network, without NLE software

▶ All storage servers come with base File-Based Ingest channels, additional channel licenses and ingest hardware available.

Flow Ingest

Flow Browse

Flow Logger

Flow product specifications

SERVER HARDWARE

- Intel 6-Core Xeon CPU, Intel motherboard chipset
- 6GB DRR3-1333 ECC REG RAM
- Linux Mandriva 64-Bit OS
- Enterprise proxy file and database RAID storage available with 8TB, 16TB, or 32TB
- 6Gb/s Hardware RAID Controller with 16 SATA/SAS ports
- Mirrored 2.5" 320GB SATA 3Gb/s OS drives, rear accessible.

NETWORKING

- Gigabit Ethernet (1 GigE) and optional 10 Gigabit Ethernet (10 GigE) support
- Dual port 1 GigE + Single port 10 GigE CX4 copper included standard
- Optional single or Dual port10 GigE network interfaces also available in SFP+ Fibre (SR/LR/ER/Direct Attach Cable) or 10GBASE-T.

VIDEO FORMAT SUPPORT

- Up to 2 codecs per ingest channel (plus proxy) in Avid MXF, QuickTime, EditShare Universal (.mxf + .mov) and AVI wrappers (AVI in DV25 only)
- SD support: DV25, DVCPRO, DV50, IMX 30-50, Avid JFIF (1:1, 2:1, 3:1, 14:1, etc), and selected MPEG2
- HD support: Avid DNxHD, XDCAM-EX, XDCAM-HD, P2, AVC-Intra, DVCPRO HD, selected MPEG2, selected MPEG4, Prores supported for scanning and proxy creation
- Default proxy format is MPEG-4 (400kb/sec), additional options include MPEG-4 (800kb/sec or 1600kb/sec)
- Geevs and Flow Ingest available in two and four channel per chassis configurations as option for base-band HD-SDI/SD-SDI capture, additional chassis can be added to scale channels.

ELECTRICAL

Dual universal input	100-260VAC, 50/60Hz
Max power consumption	500W
Power supply	Hot swap redundant high-efficiency (1+1 module)
Compliance	RoHAS compliant, cNRTLus (cTUVus), CE Mark, FCC Part 15, etc

ENVIRONMENTAL

Temperature	0°C (32°F) ~ 50°C (122°F)
Humidity	5% ~ 95% non-condensing
Typical Thermal Output	1200-1500 BTU/hr Internal redundant hot-swap fans

DIMENSIONS

(Width x Height x Depth) (All rack-mountable and supplied with rack rails)

Energy (3RU)	19x5.25x27.5". / 483x134x699 mm

MAX SHIPPING WEIGHT

Energy (3RU)	120lbs