FLOW

FLOW: A layer of intelligent media management for any storage

Collaborative Media Management

FLOW is a software-defined media asset management suite, designed to manage millions of media and non-media assets across multiple tiers of storage. Whether you're an edit assistant, producer, or an online editor, the unique workflow capabilities of FLOW enable teams located across the globe to connect, communicate, and collaborate effortlessly with a comprehensive toolset for every team member. FLOW can be installed on EditShare hardware, your own hardware, or in the cloud, offering the ability to scale as and when you need - from two users up to hundreds of team members. FLOW scans and indexes your storage devices, providing a single unified view of all your content regardless of where it is actually stored - online, nearline, offline (tape) or cloud, making it easier than ever to manage multiple pools of storage.

For production and post-production environments, FLOW efficiently manages your content and seamlessly integrates with other content creation applications such as NLEs or color grading applications. With support for any frame rate or format and the ability to scale up to handle 8K content, FLOW can ingest, index, tag, organize, edit, and deliver content from anywhere in the world. And with FLOW Automation, you can simplify the most complex of tasks by automating entire workflows.

Unique Features Include:

▸ FLOW works on your hardware today

▸ Native drag and drop integration with Adobe Premiere Pro, Blackmagic DaVinci Resolve Studio, Avid Media Composer Ultimate, and Apple FCP X – including Sequences, Master Clips and Subclips. Full round-tripping with FLOW Story.

▸ Includes FLOW Panels for Premiere Pro

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FLOW Automation

FLOW Automation removes many of the complexities of dealing with large volumes of content and provides a simple, but powerful, way of dealing with complex or repetitive tasks, such as batch ingest, transcoding, QC'ing or delivering content to third parties. With an intuitive node-based interface, FLOW Automation combines pre-defined triggers and tasks to help you build workflows that can be used by other team members. Its comprehensive job monitor and audit trail, will enable you to keep an eye on every step of the process throughout your facility.

FLOW Story

FLOW Story is content creation application aimed at fast turnaround environments, such as News, Sports and Reality TV. It provides editors and assistants with the tools to edit and package content for finishing, delivery or playout. With the added ability to edit content remotely at no extra cost, FLOW Story is the ideal location editor. It includes upload and download features, real-time collaboration with other FLOW Story users and all the tools you'd expect in a powerful and full-featured media management application. No extra cost or hardware is required for the proxy and remote editing capabilities. With a wide range of format support, including RED R3D, XAVC, Blackmagic RAW and DPX, along with industry standard production codecs such as Apple ProRes and Avid DNxHD. FLOW Story can work seamlessly in real-time with any content - local or remote - on the same timeline.

AirFLOW

AirFLOW turns on-premise storage into your very own private cloud. Accessed through a web browser, AirFLOW is designed for review and approval, and other collaborative workflows and provides media sharing capabilities in a secure environment with full remote access from anywhere in the world.

It is simple and intuitive and allows users to search, log, organize and review content, as well as upload and download content directly to and from your storage environments.

Online, Nearline, Cloud

FLOW adds an intelligent software layer to your storage environment, helping you manage your content regardless location - online, nearline, offline (tape) or cloud. Even if your content is on a device on the other side of the world, FLOW lets you get to work immediately. Through FLOW Automation, you can manage different storage tiers efficiently by moving content between storage devices on a timed or scheduled basis. Wherever your content is, FLOW tracks it. And with native integration with other software and hardware platforms, FLOW provides a wide range of options that allow your team to take collaboration to the next level.

FLOW Worker Nodes

FLOW Worker Nodes offload intensive tasks from the main server and can be deployed to make better use of unused CPU resources in your facility. Scanning, proxy file creation and transcoding can all be distributed for faster and more efficient workflows.

FLOW AI

FLOW AI is a an AI-powered module featuring video (object/people) recognition and audio transcription services. With FLOW AI, users can automate indexing of recognizable assets such as a celebrity as well as everyday objects. It can also transcribe audio files into text-based transcriptions. The enriched video and audio assets can be easily and quickly searched and retrieved for use in production.

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FLOW Features Matrix	Basic	Advanced	Enterprise
Supported Storage			
EditShare, Avid, ELEMENTS, Facilis, Generic SAN, Isilon, LumaForge, NFS, QNAP, Quadrus and Synology.	✓	✓	✓
Support for Wasabi, Generic S3, Cloudian, Amazon S3, Amazon Glacier, Archiware, Backblaze, Microsoft Azure, Helmut FX, StorageDNA and Masstech FlashNet archiving	✓	✓	✓
Scanning in FLOW and Integration with NLEs			
Scan and analyse image formats (AI, ARRIRAW, BMP, CIN, DNG, DPX, EXR, JPEG, PNG, PSD and TIFF)	✓	✓	✓
Scan and analyse audio formats (AIFF, MP3 and WAV)	✓	✓	✓
Scan and analyse Image sequence formats (ARRIRAW, BMP, CIN, DPX, EXR, JPEG, PNG and TIFF)	✓	✓	✓
Scan and analyse Devices and Structures (P2, XDCAM EX, XDCAM HD, GFCAM, CanonXF, JVC, AVCHD, Ikegami, DCF eg, GoPro, Flip)	✓	✓	✓
Scan and analyse MXF (OP-Atom and Op1a), AVID H.264 Proxies, QuickTime (MOV), AVI, H.264 MP4, MPEG2 Program, Stream, MPEG2 Transport Stream, MPEG2 Raw Sequence, MP4, Canon XF, Panasonic P2, R3D (RED), XDCAM-EX MP4 and XDCAM MXF	✓	✓	✓
Scan and analyse other non media files to log basic details of files such as PDF, spreadsheets, project files etc.	✓	✓	✓
Sequence integration with FCP X	✓	✓	✓
Integration with Adobe Premiere Pro, Avid Media Composer, and Blackmagic DaVinci Resolve Studio – including Sequences, Master Clips, Subclips and Ranged Markers	✓	✓	✓
FLOW Panel support for Premiere Pro	✓	✓	✓
Metadata Management and Logging			
Display technical clip metadata (file format, codec, frame size, duration, data rate, etc.)	✓	✓	✓
Display user defined customizable clip metadata	✓	✓	✓
Enter clip descriptions, mark clips as good, create subclips, add individual markers or ranged markers	✓	✓	✓
Configurable tile or list views, with flexible grouping, sorting, searching and filtering cababilities	✓	✓	✓
Unlimited custom metadata logging fields	✓	✓	✓
Advanced search criteria	✓	✓	✓
Advanced customizable filtering	✓	✓	✓
Manually log clips from a video or audio file while it plays	✓	✓	✓
Mark events within a clip, search for markers or ranged markers	✓	✓	✓
Audio transcription (via FLOW Automation) producing ranged markers of the speech detected	-	✓	✓
Video analysis (via FLOW Automation) analyses and logs video automatically based on the contents within the video itself	-	✓	✓

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FLOW Features Matrix	Basic	Advanced	Enterprise
FLOW Video Playback and Transcoding			
Stream clips remotely or locally, in a viewer or full screen	✓	✓	✓
Jog-shuttle control of playback using standard JKL keys	✓	✓	✓
Transcode files remotely and send files to central storage from remote locations	✓	✓	✓
Native R3D file playback with decode quality and color settings	✓	✓	✓
Create, edit, play, simple cuts only editing	✓	✓	✓
Create, edit, play, advanced editing and pubish for review and approve to NLE	✓	✓	✓
Generate and manage proxy files for remote editing and playback	✓	✓	✓
Generate and manage mezzanine files for remote editing and playback	✓	✓	✓
User defined quality settings for proxy generation	✓	✓	✓
HTTP streaming of proxies	✓	✓	✓
FLOW Server			
Perform complex searches on storage to find media matching the criteria	✓	✓	✓
Compatible with XML, Flow XML, FCP XML, CatDV XML, Sports Code XML and EVS XML for metadata field mapping	✓	✓	✓
Compatible with Avid NEXIS and SMB storage mounting	✓	✓	✓
Web based administrator client for configuring and managing the server	✓	✓	✓
Flexible server licensing, scaling up or down with simple licensing	✓	✓	✓
Scan storage connected to FLOW to add to the database and create proxies	✓	✓	✓
Adobe Premiere Pro panel support	✓	✓	✓
Single FLOW site FLOW installation	✓	✓	✓
Up to three server installations allowing for worker nodes on other dedicated hardware	-	✓	✓
Up to fifteen server installations allowing for worker nodes on other dedicated hardware	-	-	✓
Five FLOW site installations for syncing data between sites in different locations	-	-	✓
Standby disaster recovery functionality	-	-	✓
Client User Interface and General Functionality			
Media file management (delete, move, copy), drag and drop import and publish	✓	✓	✓
Download hi-res/proxy media to work offline	✓	✓	✓
Upload hi-res/proxy or transcoded media remotely	✓	✓	✓
Publish to social media Vimeo and YouTube directly from the sequence timeline	✓	✓	✓
Access to stock media providers Audio Network and Pond5	✓	✓	✓
Customizable client features and functions define what users can see and access	✓	✓	✓
Timeline editing, trimming, VFX, audio levelling, titling,	✓	✓	✓

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FLOW Features Matrix	Basic	Advanced	Enterprise
Client User Interface and General Functionality			
Access to AirFLOW via an internet browser	✓	✓	✓
Web based client for logging, review and approve workflows	✓	✓	✓
Add voice over files to complex sequences and send local files to the central storage	✓	✓	✓
Add real-time FX to sequences and publish them to flattened media files (H.264/MP4, .MOV, .MXF, AVC-Intra, XAVC-Intra, XDCAM HD, XDCAM EX)	✓	✓	✓
Flexible licensing with EditShare ELS platform	✓	✓	✓
Integration with EditShare's AQC solution QScan	-	✓	✓
External triggers for starting pre built automated tasks	-	✓	✓
Automated workflows (Transcoding, Watch Folders, etc)	-	✓	✓
Automated 'SendTo' task allowing syncing Metadata, Proxies and Hi-Res media between Flow sites	-	-	✓
Flexible licensing with EditShare ELS platform	✓	✓	✓

Simple Licensing, Easy Pricing

With our flexible concurrent licensing, FLOW allows a facility to scale up and down when it is most needed. Available in three different packages, FLOW is designed to work for the smallest of teams right up to large scale organizations - with pricing available in monthly, yearly, or multi-year price plans. We also offer a perpetual license for those who would rather purchase than manage a subscription.

Minimum System Requirements

- ▸ **Ubuntu Server 16.04**
- ▸ **4 CPU cores**
- ▸ **8 GB RAM**
- ▸ **64 GB Drive**
- ▸ **1 Gb Network Interface**

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