

Final Cut Studio Solutions

Third-Party integration featuring Harris



The Solution

The newsroom is the most challenging workplace in the entire broadcast world and such an environment demands the highest possible standards for speed, reliability and flexibility. Harris® NewsForce™ meets those demands, providing an award-winning, innovative, file-based newsroom solution that handles the entire workflow from ingest to air.

NewsForce is a complete, format-transparent news platform capable of handling both SD and HD in a wide variety of compression schemes and it can be integrated into station operations all at once or gradually, depending on each broadcaster's unique needs. NewsForce is built around NEXIO AMP™, a line of HD/SD broadcast servers featuring integrated, software-based codec technology and software-driven up-, down- and cross-conversion to provide the highest levels of reliability, scalability and format flexibility.

NewsForce workflow operates from the NEXIO SAN, the industry-leading, high performance, high availability, fault tolerant, broadcast storage area network, to connect servers, editors, and graphics systems. It also integrates seamlessly with your Newsroom Computer System (NRCS). NewsForce provides newscasters with a streamlined, MOS-enabled infrastructure for producing, processing, distributing and managing standard-definition (SD) and high-definition (HD) content.

NewsForce features deep integration with Final Cut Pro, enabling editors to use their preferred editing platform while taking advantage of the significant media management and automation features the Harris products offer. NewsForce includes direct NRCS exposure right inside Final Cut Pro, facilitating faster edit-to-air workflows and enabling shared collaborative editing and virtually render-free functionality. Editing can even begin during ingest.

By providing integration of its newsroom workflow tools and its high-performance, highly-redundant broadcast video server, NewsForce elevates the features and value of Final Cut Pro into the speed-critical, mission-critical live news environment.

Primary components

HD/SD ingest-to-air newsroom workflow

NewsForce facilitates the entire news-making process, from acquisition to output, in either standard- or high-definition.

Collaborative shared editing on a broadcast quality SAN

Multiple workstations can simultaneously access and edit full resolution footage directly from the NEXIO SAN.

Based on award-winning server technology Harris NEXIO servers

Run the patented and Emmy™ Award-winning Harris RAIDsoft™ system.

News Room Computer System (NRCS) Integration from NewsForce

Access rundowns and scripts from your NRCS, drop attached media from script onto timeline, and narrate voiceover to the timeline using a prompter window into the script driven at the talent's read rate.

Robust Final Cut Pro integration

NewsForce allows you to edit your tool of choice, featuring direct NRCS access from within Final Cut Pro and direct playout from the Final Cut Pro Timeline without rendering.

Native graphic import from all Final Cut Studio applications

NewsForce interfaces with Inscribe® GSeries™ graphics tools, and can import still or animated effects from any application in the Final Cut Studio.

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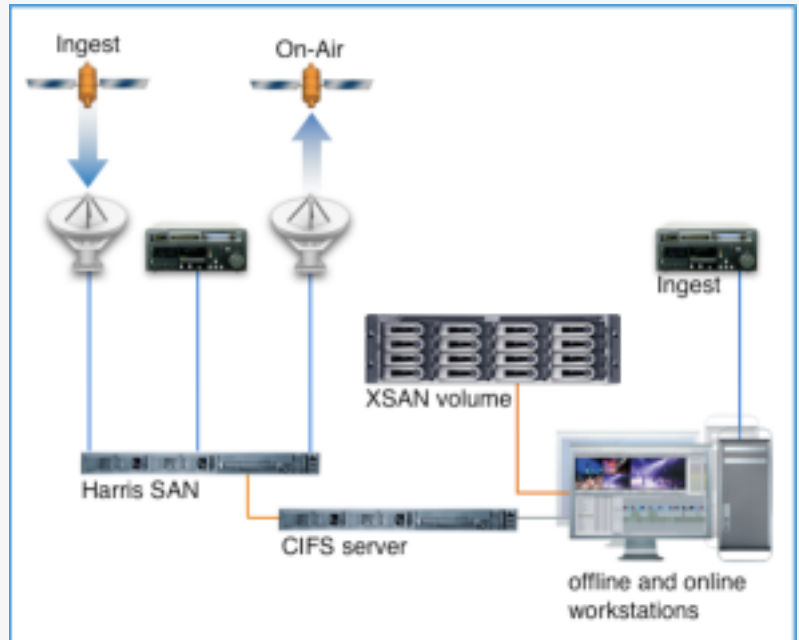
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The Workflow

A newsroom can employ the NewsForce system in a variety of configurations, based on the broadcaster's specific needs. Footage can be acquired either in the field, from baseband feeds via satellite, or from a file-based delivery mechanisms such as Pathfire.

NewsForce can natively accommodate the full range of formats in use today, and enable transparent mixing of these formats both in editing and in playout.

All the footage is stored on a NEXIO SAN, where it can be accessed concurrently by news producers, journalists, editors and technical staff for a truly collaborative and shared media environment. They can share projects and work directly on both existing and incoming files, avoiding any need for file exchange and/or the requirement to FTP between systems.



NewsForce enables Final Cut Pro systems to transparently access the NRCS and directly edit footage stored on the NEXIO SAN including extended access to media and newsroom computer content. Other editing systems, including Harris's on-SAN N Velocity™ news editors, can also simultaneously share the contents of the SAN and interchange timelines.

Still or animated graphics can be imported in their native format from a variety of popular desktop software, such as Adobe Photoshop, as well as all of the Final Cut Studio applications such as Motion, Color, LiveType, and Final Cut Pro.

Final Cut Pro editors have the option upon completing their edits of rendering the cut piece back onto the NEXIO SAN, or to export the XML EDL to the NEXIO Instant Online™ conforming engine for quicker start of playout and for freeing that Final Cut editor to immediately start another story.

NewsForce integration of Final Cut Pro provides a news workflow integration that is faster to start, faster to play, and enhanced by the legendary security of the Harris server tradition.



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Harris is an international communications and information technology company serving government and commercial markets in more than 150 countries. Headquartered in Melbourne, Florida, the company has annual revenue of almost \$5 billion and 16,000 employees — including nearly 7,000 engineers and scientists. Harris is dedicated to developing best-in-class assured communications® products, systems, and services.