

Integrating Swift vTX Subtitle Insertion with Grass Valley K2 Media Servers



Grass Valley K2 Media Servers digital workflow

With the rapid shift towards file based production, storage and playout, video assets are often transferred onto storage or broadcast servers in advance of the associated single or multi-language subtitle content being created or sourced.

Grass Valley provides a leading range of Media Servers, known as K2, that are integral to this file based workflow, designed to offer an affordable and highly scalable solution. K2 users require a product which takes subtitle files, in a variety of formats, and adds the subtitle content to an associated video asset in the appropriate subtitle standard.

Integrating K2 Media Servers with Swift vTX from Softel, a well established leader in subtitling and ancillary data creation and insertion, is a natural choice for K2 users needing subtitle encoding and insertion.

Swift vTX, proven subtitle management and insertion

Swift vTX is specifically designed for subtitle format transcoding and ingest tasks, making it an ideal platform for integrating with the Grass Valley K2, including the latest K2 Summit servers.

Providing a complete framework to manage the manual or automated encoding, or transcoding, of multi-format subtitle content onto server video assets, Swift vTX has been deployed at high profile installations around the world and is backed up by three decades of broadcast experience.

Integrating Swift vTX and K2 Media Servers

These two leading products integrate into a solution offering complete flexibility in the subtitling workflow, with seamless interconnectivity. Users can interact manually with Swift vTX; browsing for subtitle content, associating the subtitle file or files with K2 video assets, setting format and standard preferences and then initiating a vTX task.

Solution overview

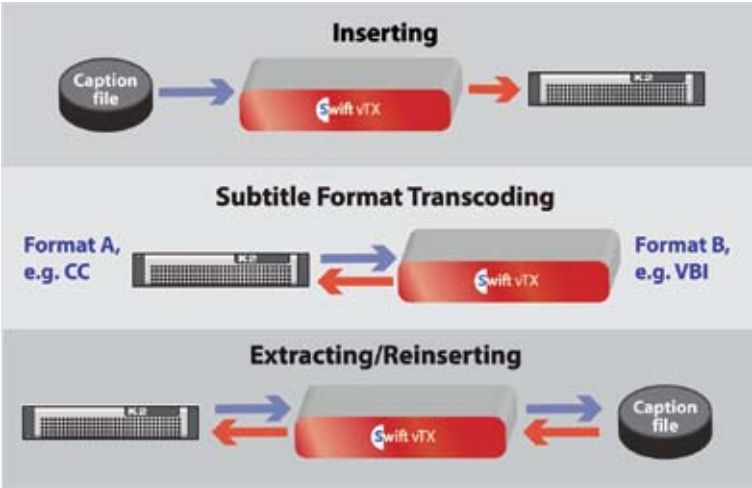
- Full integration with GV K2 Media Servers with flexible SDK
- Automated, unattended operation
- Save time & costs with your off-line processing
- Full K2 format support, incl. MXF



Introducing automation to the workflow, external processes can initiate Swift vTX subtitle to K2 ingest tasks via the flexible Softel Job Description Language, freeing the operators valuable time. Full integration of 'subtitle to K2 server ingest' with external 3rd party workflow and asset management systems is enabled by the Swift vTX SDK. This automation and format flexibility makes Swift vTX the choice for adding, managing or subtitling content on the Grass Valley K2 server platform, resulting in a powerful integrated solution.

Swift vTX Workflow

Calling on our extensive experience we've ensured that Swift vTX integrates with your workflow with full support for K2 standards such as MXF and GXF, making it easier to get things done; for example integrating subtitles with your video files to go into the traffic management system or extracting live subtitles for editing & correction, then re-inserting into the K2 video asset.



Multi-format input/output support

Swift vTX supports a wide range of formats to enable complete flexibility in the workflow, with full support for GXF and MXF, ensuring it can meet the expectations of the most demanding Grass Valley K2 user.

Caption File	
XIF	CG2
STL	CG
PAC	SAMI
MXF	Cheetah
FLC CAP	SCC

Maintenance and support

Support is always a key component when creating an integrated solution, that's why in addition to providing full consultation when delivering a solution, Softel also offers in-house expert support. A tiered range of support options are available, spanning from simple software updates to full 24 x 7 x 365 telephone and on-site support. To discuss your support requirements in more detail please contact your Softel sales representative.

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