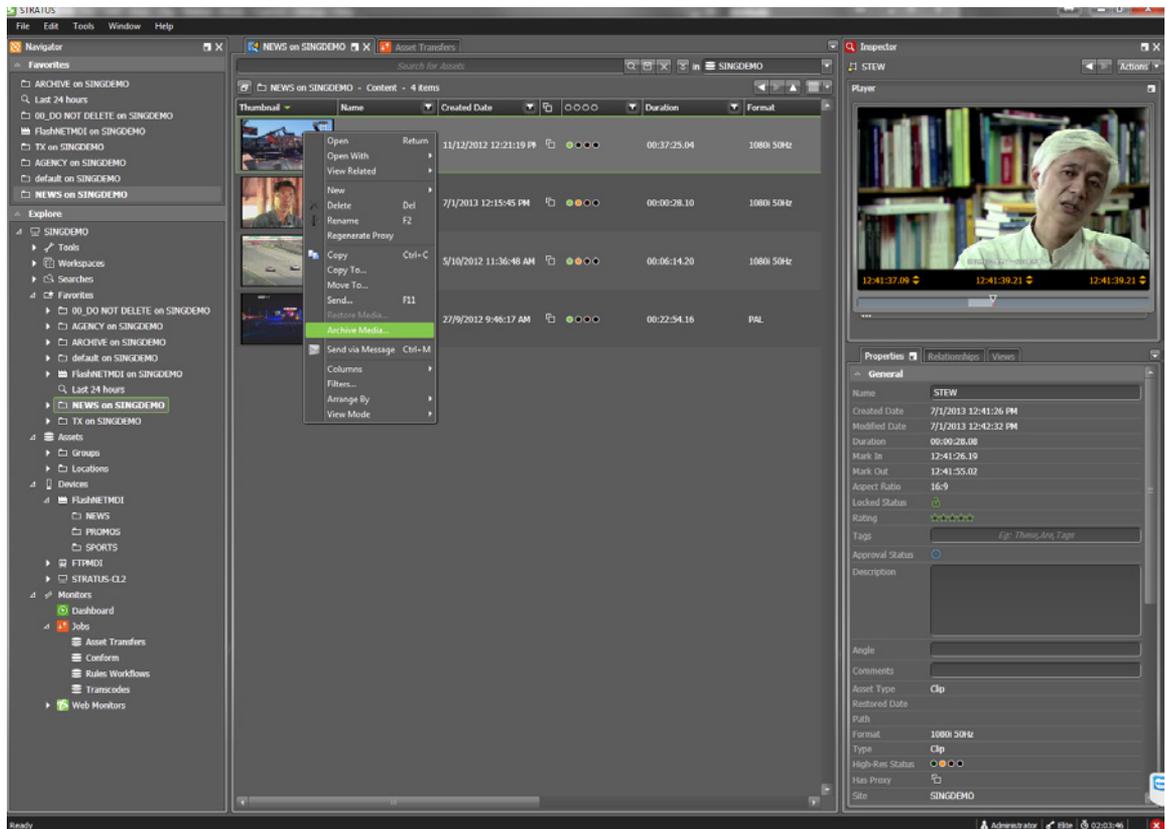


# APPLICATION NOTE

## GV STRATUS AND SGL FLASHNET ARCHIVING WORKFLOWS

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The open file system of the K2 platform from Grass Valley, a Belden Brand, powered by the extensible software framework of GV STRATUS nonlinear media production tools, enables an efficient integration of best-of-breed production tools into unified workflows.

This document takes a closer look at archiving workflows involving interaction of the GV STRATUS/K2 platform with Software Generation Limited (SGL) FlashNet archive system.

## INTRODUCTION

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An important part of the digital media production lifecycle is the ability to archive high-resolution assets in a permanent archive system. This mandates that workflow orchestration platforms are seamlessly extended with content archiving capabilities. The openness of the GV STRATUS application facilitates a choice of integration with mainstream archiving solutions, including SGL FlashNet and DIVArchive (Front Porch Digital) platforms, offering a robust toolset and efficient archiving workflows.

A result of long-standing collaboration between Grass Valley and SGL, the unified GV STRATUS/K2 and SGL FlashNet platforms offer a complete tool set to efficiently archive and restore content between Grass Valley K2 storage and archive systems managed via SGL FlashNet. This application note provides a user perspective on how to employ the combined GV STRATUS/K2 and SGL FlashNet archiving workflows.

## BENEFITS OF A UNIFIED ARCHITECTURE

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GV STRATUS is the next generation of Grass Valley application software, designed for the entertainment, on-air operations and news markets. With its inherent flexibility, GV STRATUS can be configured into complete solutions for nonlinear media production, including archiving operations.

Using GV STRATUS in conjunction with SGL FlashNet, users will realize multiple benefits:

- Archiving of GXF or MXF files from multiple K2 storage sources, such as K2 Production or online SAN, K2 Summit (Production and Transmission models) as well as K2 Solo.
- Exchange of finished edited sequences (conformed, flattened files) between GV STRATUS/K2 and SGL FlashNet, including support for timecode-based partial restore.
- Content editing with a choice of Grass Valley's native nonlinear editing tools such as the GV STRATUS Storyboard editor and EDIUS editors. Additionally, GV STRATUS workflows integrate with Adobe Premiere Pro CC, Avid Media Composer (or NewsCutter) and Final Cut Pro editing applications.
- GV STRATUS workflows allow for automated, rule-based transfer of files to SGL FlashNet archive storage.
- SGL FlashNet HSM is tested and qualified with all versions of GV STRATUS software.

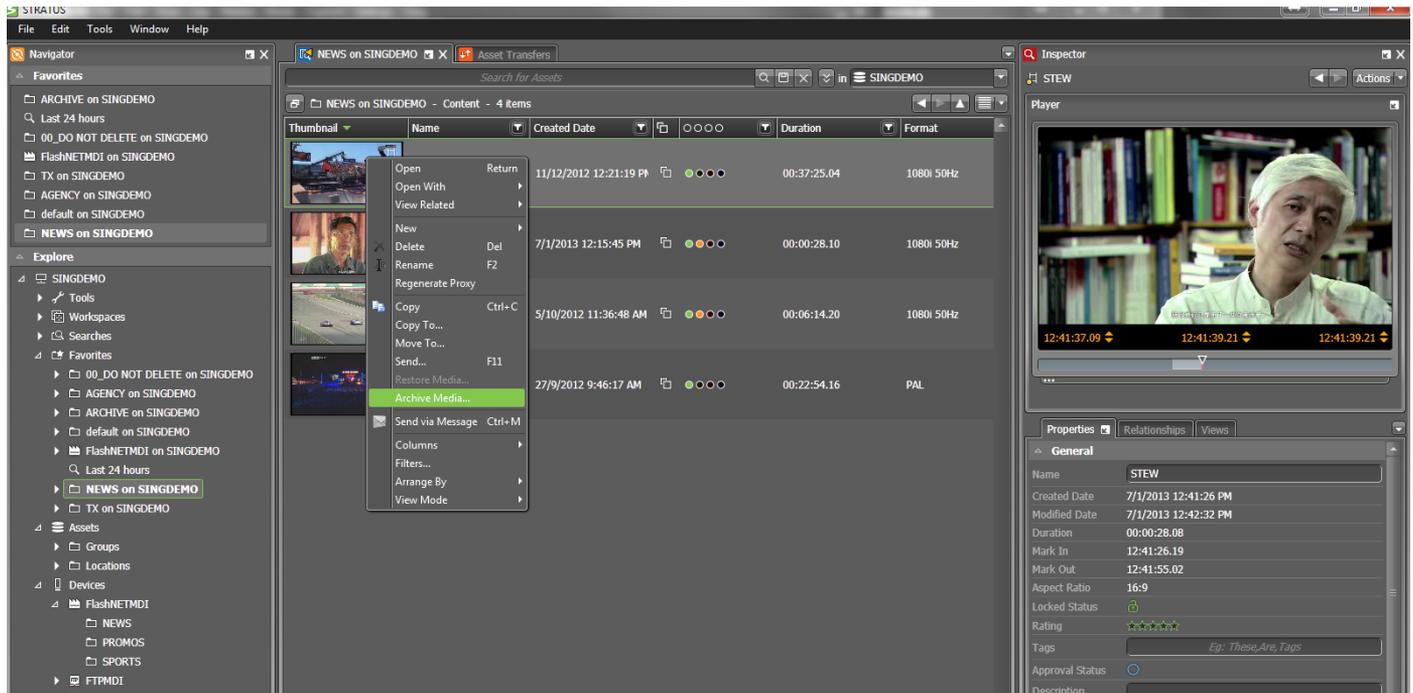
## WORKFLOWS: GV STRATUS/K2 & SGL FLASHNET

In configurations with SGL FlashNet archiving platform, the workflow participants work from a familiar and intuitive GV STRATUS user interface, whereby all archiving operations appear as a seamless extension of the GV STRATUS environment.

### Sending GV STRATUS/K2 Assets to Archive

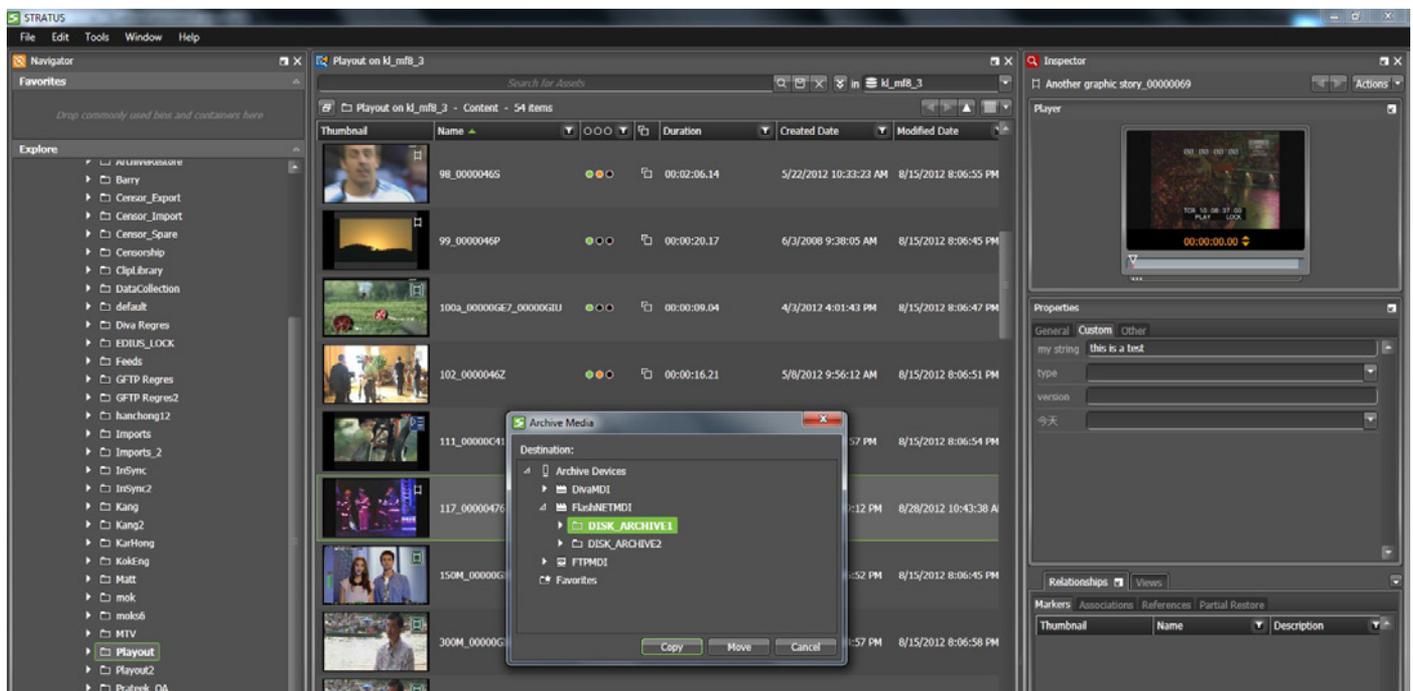
The GV STRATUS archive workflows provide the tools to send high-resolution material from K2 storage to a permanent archive location managed by SGL FlashNet. From their GV STRATUS workspace, users can send single or multiple assets at once to the archive location.

Users invoke Archive Media dialog.



Then, select the desired archive media destination.

Transferring assets to the archive system can also be automated according to criteria such as the creation date, a specific custom metadata field (such as "final master" tag) or a check box.

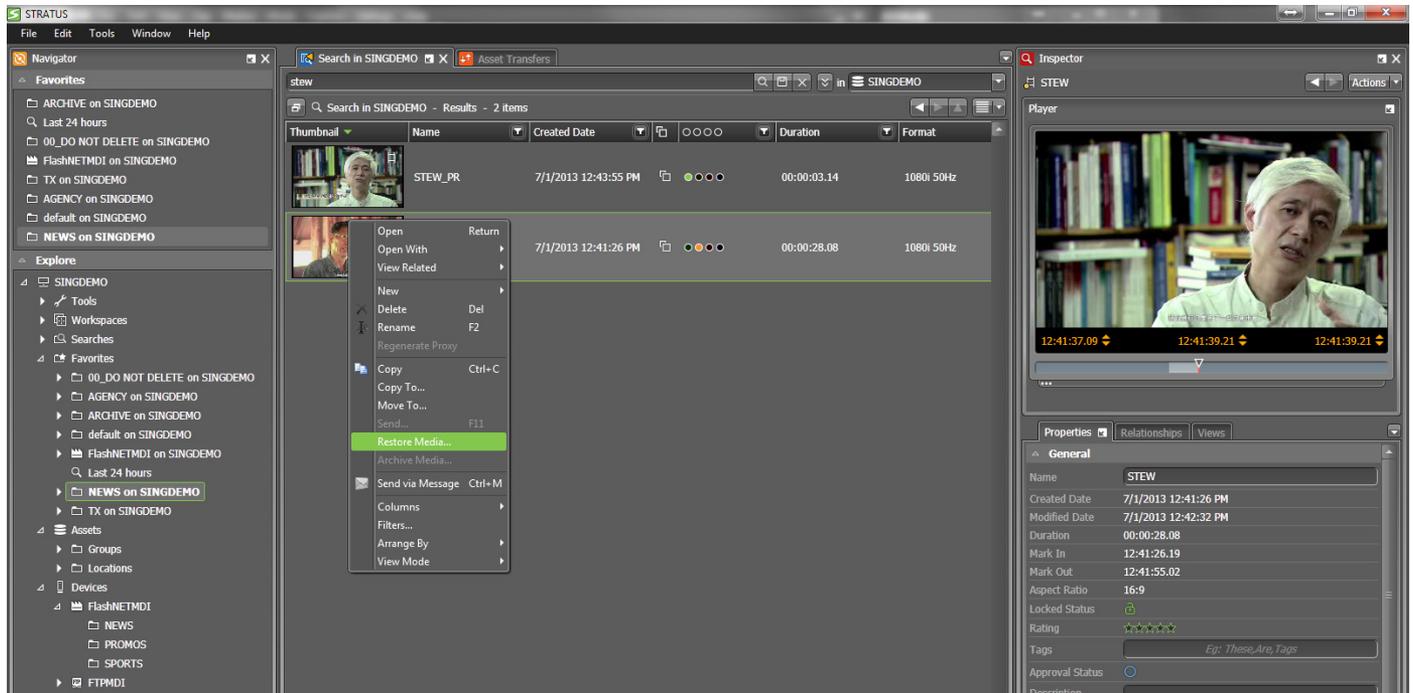




## WORKFLOWS: GV STRATUS/K2 & SGL FLASHNET (CONT.)

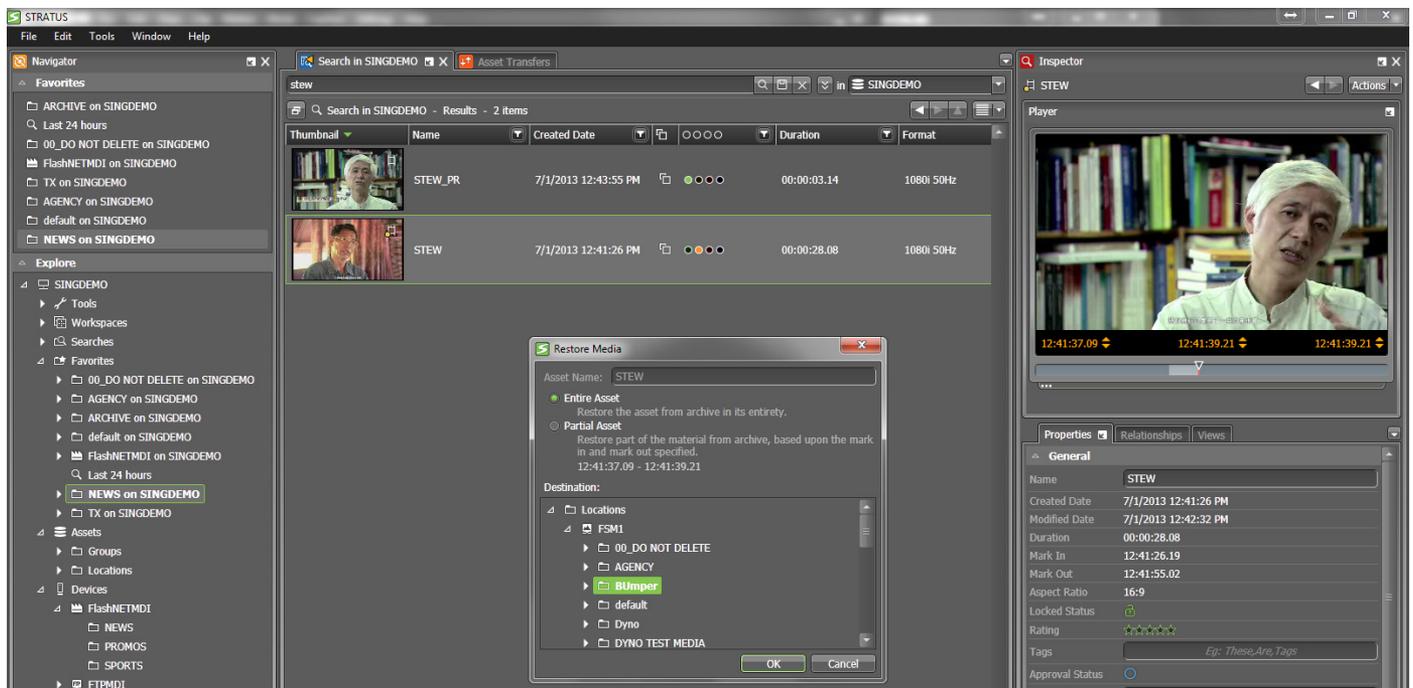
### Restoring Archived Media

As needed, archived/offline assets can be restored to the K2 Summit/SAN system. Using the advanced search tool in GV STRATUS, users first locate the archived assets to be restored and can preview them in the Inspector Panel of the Source Viewer tool. When ready, the desired asset can be restored.



From the low-resolution content, users can also select in/out points to carry out a partial restore operation.

Archive and restore rights are assigned per user or group. Equally, users with the relevant permissions can search and review content, as well as permanently delete assets from the archive location using the GV STRATUS user interface.



## WORKFLOWS: GV STRATUS/K2 & SGL FLASHNET (CONT.)

### Monitoring Archive Workflows

Users can monitor their GV STRATUS archive transfer queues for progress:

1) In Navigator Panel, under Monitors, locate the Jobs icon.

2) Assets being archived appear as transfer jobs, and go through the following stages:

- Queued
- In-Progress
- Complete

Name	State	Source	Destination	Progress	Cre
STORY2_DEMO001R	Complete	FSM1:V:/default/STORY2_DEI	SummitMDI:V:/PCR/STORY2_DEMO0	100%	4/1
BREAKFAST_DEMO003Z	Complete	FSM1:V:/For approval/BREAK	SummitMDI:V:/PCR/BREAKFAST_DEI	100%	4/1
william 5	Complete	FSM1:V:/NEWS/william 5	FTPMI:ARCHIVE/SPORTS/william 5.	100%	7/1
Sun Piston_DEMO002C	Complete	FSM1:V:/NEWS/Sun Piston_Di	FSM1:V:/for post/Sun Piston_DEMO0	100%	4/1
Block.loop	Complete	FSM1:V:/Bumper/BlockLoop	FSM1:V:/for post/BlockLoop	100%	4/1
BlockLoop	Complete	FSM1:V:/Bumper/BlockLoop	FSM1:V:/for post/BlockLoop	100%	4/1
BlockLoop	Complete	FSM1:V:/Bumper/BlockLoop	FSM1:V:/for post/BlockLoop	100%	4/1
STORY_4_APAC000Z	Complete	FSM1:V:/AGENCY/STORY_4_A	FSM1:V:/FOR ARCHIVE/STORY_4_AP	100%	7/1
william second	Complete	FlashNETMDI:/william second	FSM1:V:/For approval/william second	100%	7/1
STEW_PR	Complete	FlashNETMDI:/STEW	FSM1:V:/For approval/STEW_PR	100%	7/1
S027344_L-1	Complete	FSM1:V:/SPORTS/S027344_L	FlashNETMDI:SPORTS/S027344_L-1	100%	7/1
Racing Summary	Complete	FSM1:V:/FOR ARCHIVE/Racin	FlashNETMDI:SPORTS/Racing Summ	100%	7/1
william second	Complete	FSM1:V:/NEWS/william secon	FlashNETMDI:PROMOS/william secon	100%	7/1
STEW	Complete	FSM1:V:/NEWS/STEW	FlashNETMDI:PROMOS/STEW	100%	7/1
Block.loop	Complete	FSM1:V:/Bumper/BlockLoop	FlashNETMDI:PROMOS/BlockLoop	100%	7/1
TRAINS	Complete	FSM1:V:/AGENCY/TRAINS	FlashNETMDI:NEWS/TRAINS	100%	7/1
STORY1_DEMO001Q	Complete	FSM1:V:/NEWS/STORY1_DEN	FlashNETMDI:NEWS/STORY1_DEMO	100%	7/1

## SUMMARY

This seamless integration of the GV STRATUS production tools and SGL FlashNet archive management solutions offers a simplified toolset with easy-to-understand workflow rules. Configured into a collaborative production environment, the combined workflows provide media organizations with all the tools necessary to plan, create, publish and archive their media production.

## REFERENCES

- GV STRATUS User Manual
- GV STRATUS and DIVArchive Archiving Workflows (application note)
- SGL FlashNet archive solutions: [www.sglbroadcast.com](http://www.sglbroadcast.com)

## ABOUT GRASS VALLEY

The new Grass Valley keeps broadcasters, content owners and service providers future-ready as they navigate the changing landscape of television. With the most comprehensive collection of workflow solutions in the industry, Grass Valley delivers end-to-end television production and content distribution workflows that enable the efficiency and flexibility broadcasters need to stay competitive today—while offering technological foresight they need to keep pace with consumers' desires for more content on more devices. Grass Valley, headquartered in Montreal, leverages the collective expertise and depth of the Grass Valley Group and Miranda Technologies, each having been acquired by St. Louis-based

Belden Inc. Belden delivers a comprehensive product portfolio designed to meet the mission-critical network infrastructure needs of industrial, enterprise and broadcast markets. With innovative solutions targeted at reliable and secure transmission of rapidly growing amounts of data, audio and video needed for today's applications, Belden is at the center of the global transformation to a connected world. For more information visit [www.belden.com](http://www.belden.com).

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