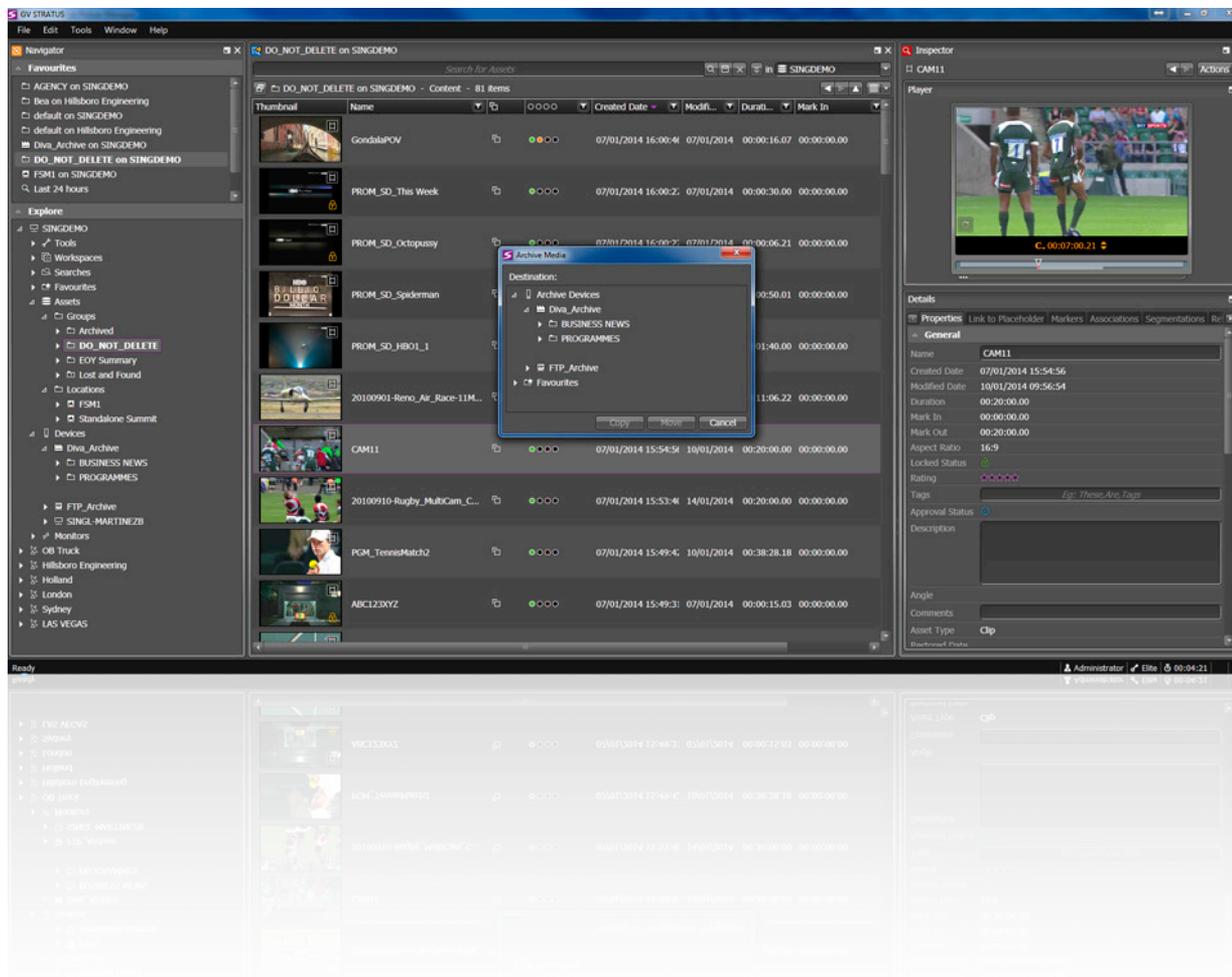


APPLICATION NOTE

GV STRATUS AND DIVARCHIVE ARCHIVING WORKFLOWS

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

This application note explains how to extend GV STRATUS/ K2 workflows with Front Porch Digital DIVArchive archiving platform.

INTRODUCTION

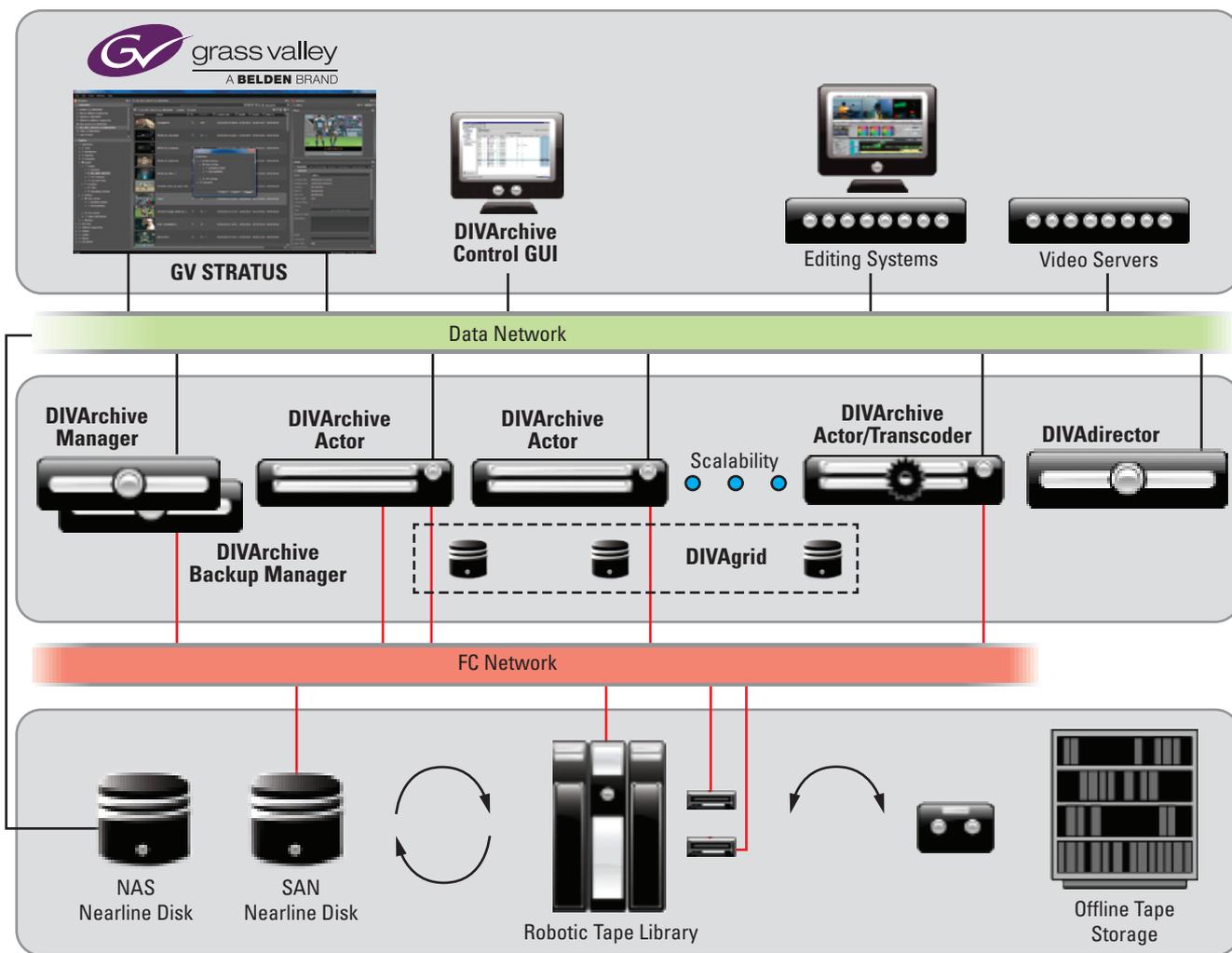
An important part of the digital media production lifecycle is the ability to archive high-resolution assets in a permanent archive system. This mandates that workflow orchestration platforms are seamlessly extended with content archiving capabilities. The openness of the GV STRATUS application facilitates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

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

BENEFITS OF UNIFIED ARCHITECTURE

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.

DIVArchive Architecture with GV STRATUS



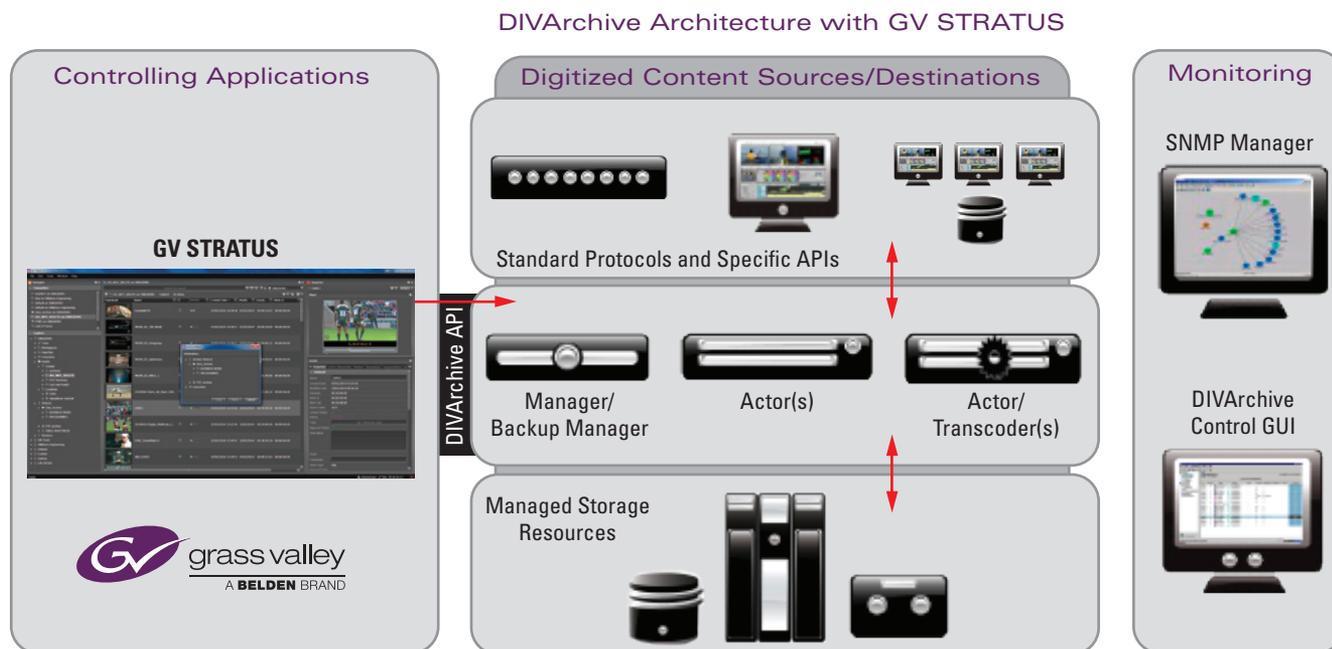
Using GV STRATUS in conjunction with DIVArchive, users will realize multiple benefits:

- 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 DIVArchive, including support for timecode-based partial restore

- Content editing with a choice of Grass Valley’s native nonlinear editing tools such as GV STRATUS Storyboard editor and EDIUS nonlinear 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, rules-based transfer of files to DIVArchive archive storage
- DIVArchive HSM is tested and qualified with all versions of GV STRATUS software

WORKFLOWS: GV STRATUS/K2 & DIVARCHIVE

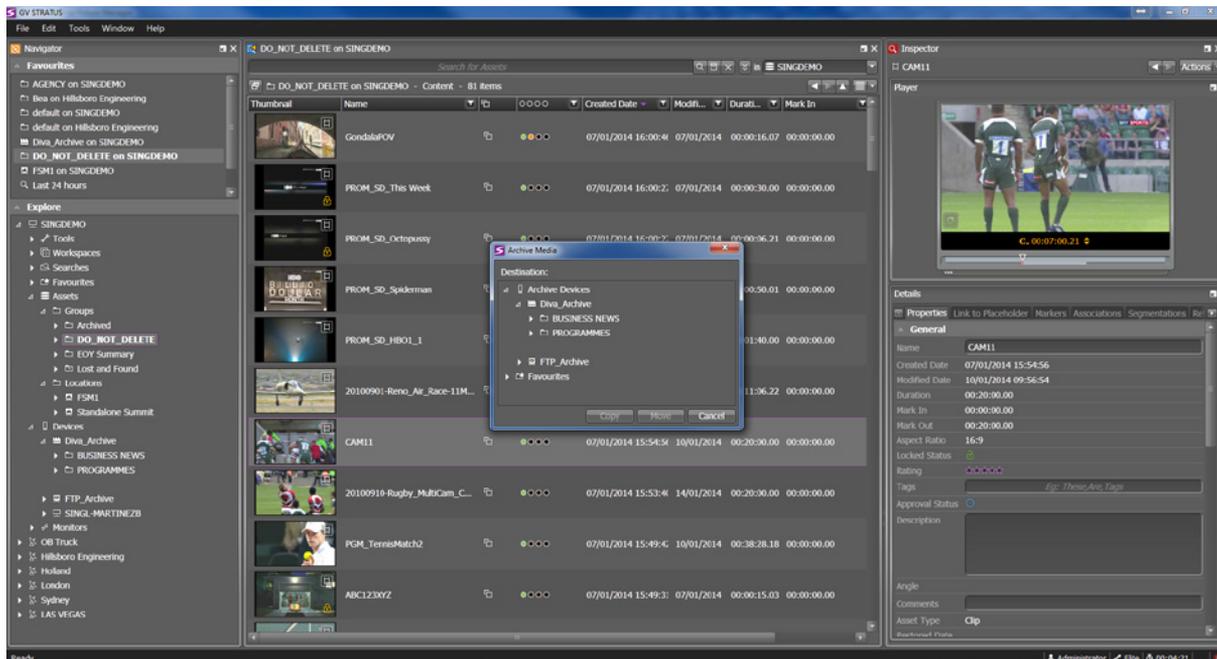
In configurations with DIVArchive archiving platform, the workflow participants work from a familiar and intuitive GV STRATUS user interface, whereby all archiving operations appear as a seamless extension of the GV STRATUS environment.



WORKFLOWS: GV STRATUS/K2 & DIVARCHIVE (CONT.)

Send GV STRATUS/K2 Assets to Archive

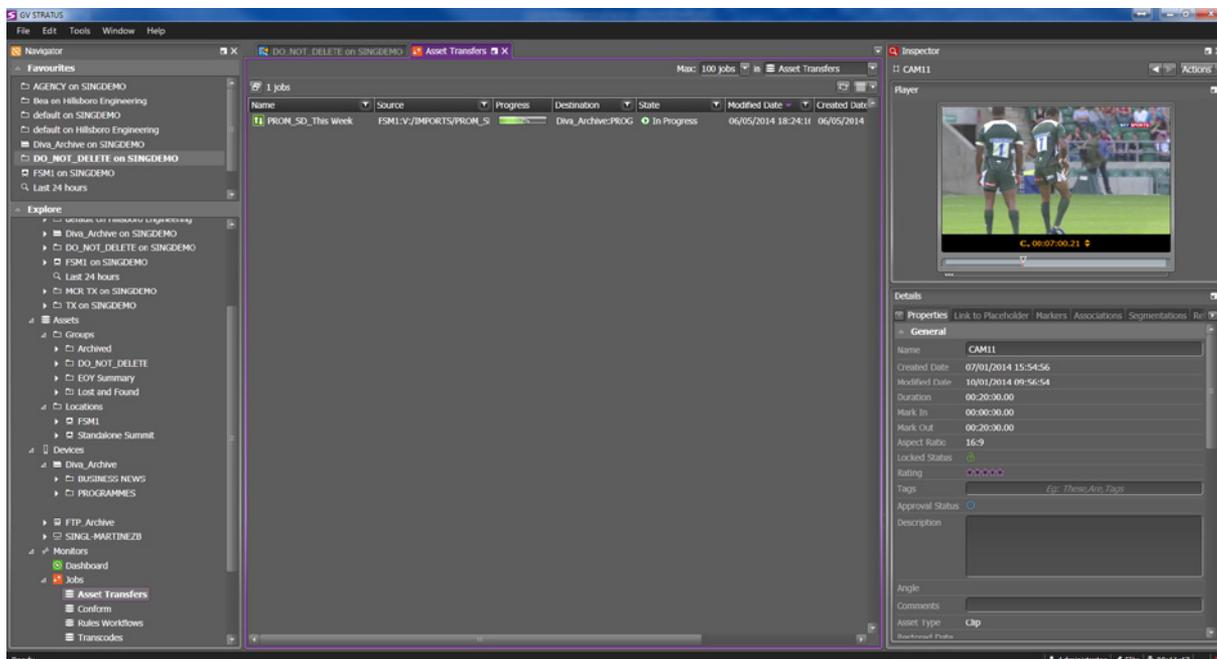
The GV STRATUS archive workflows provide the tools to send high-resolution material from K2 storage to a permanent archive location managed by DIVArchive. From their GV STRATUS workspace, users can send single or multiple assets at once.



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.

Monitor Archive Workflows

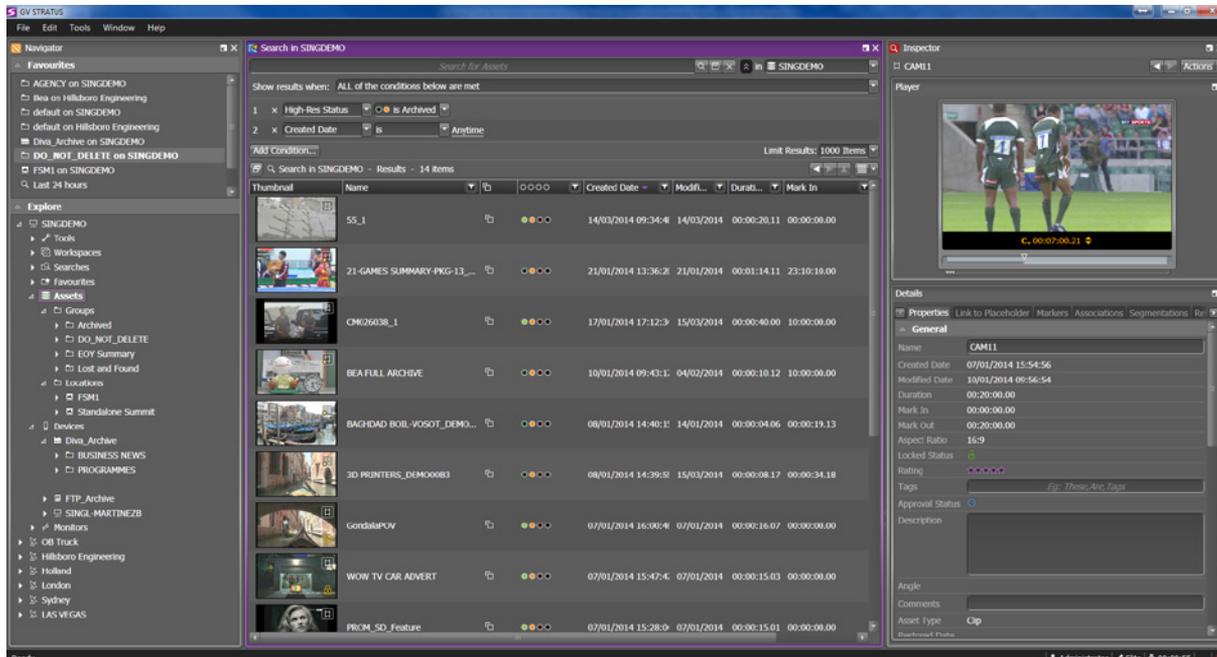
As noted, users can monitor their GV STRATUS archive transfer queues for progress.



WORKFLOWS: GV STRATUS/K2 & DIVARCHIVE (CONT.)

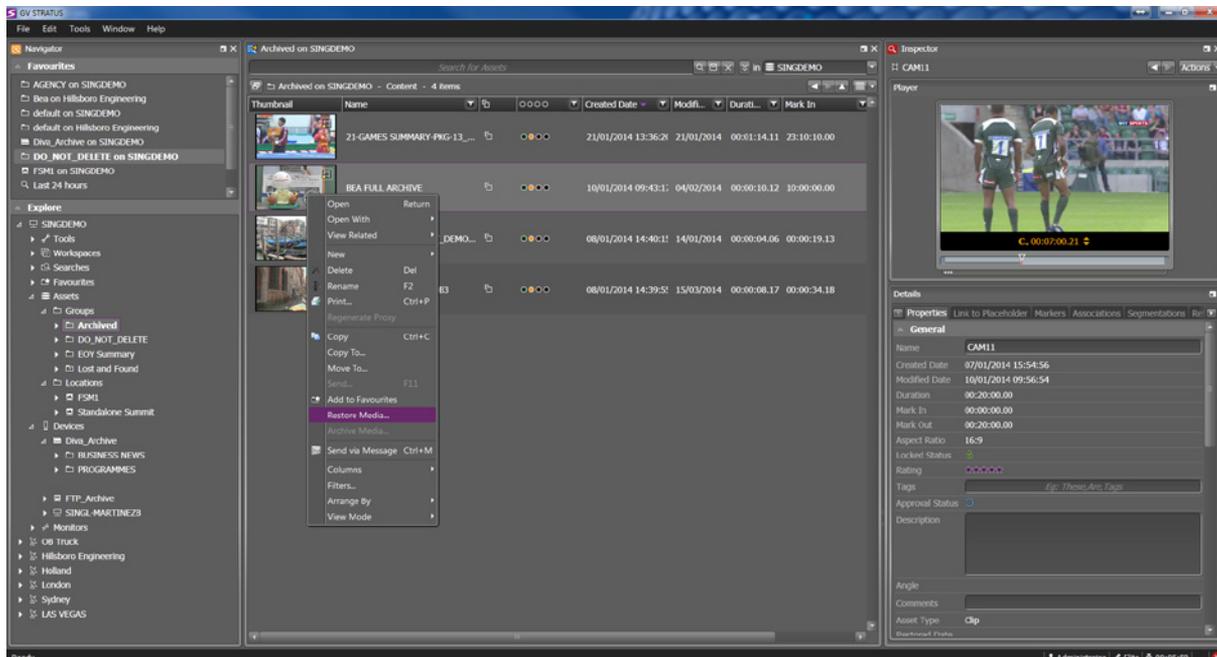
Search for Archived Media

Once the higher resolution content has been successfully archived, the user can delete it from the K2 storage (this can be a manual or automatic operation), keeping a low-resolution proxy copy and all metadata information only within the GV STRATUS database. This allows users to search for archived assets and preview them before restoring the high-resolution content from the archive back to the K2 storage for production.



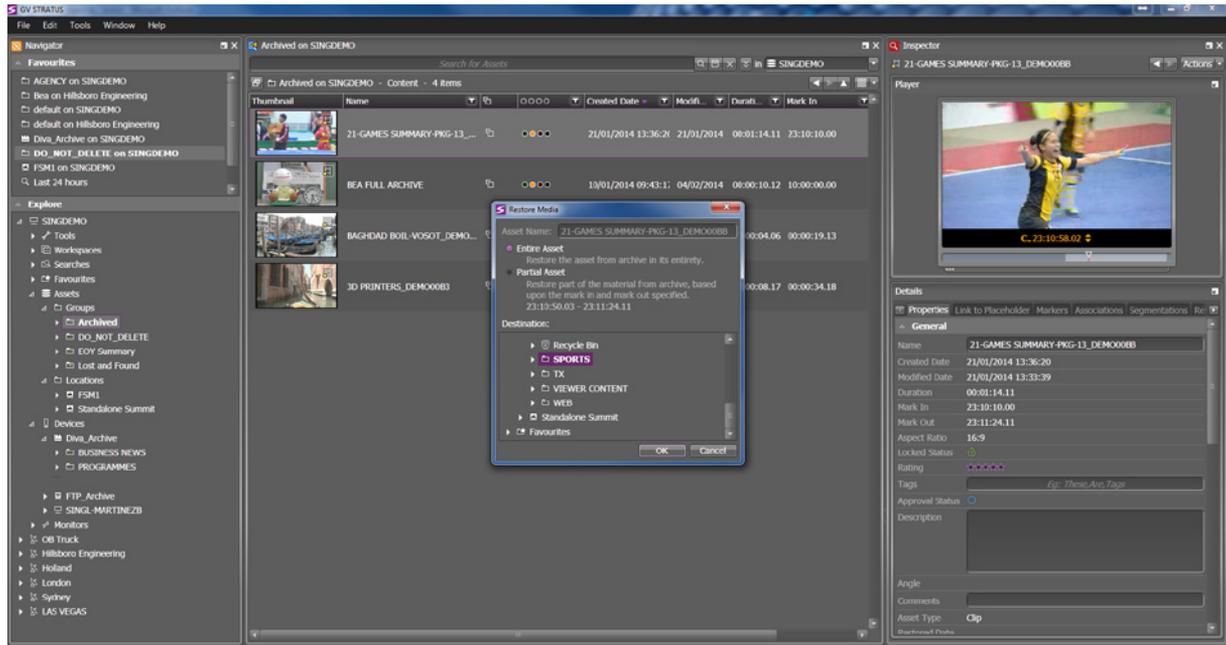
Restore Archived Media

Once ready, restore the desired asset.



WORKFLOWS: GV STRATUS/K2 & DIVARCHIVE (CONT.)

Users can also select in/out points from the low-resolution content and perform 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.

SUMMARY

This seamless integration of the GV STRATUS production tools and DIVArchive archive management solutions offers a simplified toolset with easy-to-understand workflow rules. Configured into a collaborative production environment, the 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 SGL FlashNet Archiving Workflows (application note)

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

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