GV STRATUS PLAYOUT

CLOUD-BASED SOFTWARE AS A SERVICE
FOR AUTOMATION AND MONITORING

Release Notes

www.grassvalley.com

Introducing GV STRATUS® Playout v2.1

GV STRATUS® Playout is cloud-based, Software as a Service (SaaS), broadcast automation that leverages on true cloud-computing technology coupled with SSP-3801 HD/SD solid state playout cards.

The GV STRATUS Playout service provides the distribution network for media management, metadata, and schedules from the cloud. The GV STRATUS Playout solution moves the IT infrastructure, platform, and software into the cloud while the media storage and playout cards remain on premise allowing you to retain full control of the location and movement of your media and devices.

New Features

SKY-2903: BXF As Run logs enhanced to support SCTE-104 secondary events

Details regarding the playout of a SCTE-104 secondary event are now available in the BXF As Run logs.

SKY-2899: SCTE-104 event type added to Schedule Edit page

A new secondary event type called SCTE-104 has been added to the Schedule Edit page. The SCTE-104 event allows operators to add SCTE-104 splice requests to the schedule without needing to create a custom VANC payload. The video line into which the SCTE-104 messages are inserted is configurable on the Settings > Channel Types > SCTE-104 page.

SKY-2791: Global ID support added to iTXML

ITX XML schedules have been enhanced to support Global IDs such as an Ad-ID or an Industry Standardized Commercial Identifier (ISCI) code for primary and secondary events. When an iTXML schedule is registered, the Global IDs, if contained therein, will be displayed as an Event Global ID on the Schedule Edit page.

SKY-2786: Global ID support added to iTX Asset XML

The iTX Asset XML schema has been enhanced with a new Asset XML field called "GlobalId" to support Global IDs such as an Ad-ID or an Industry Standardized Commercial Identifier (ISCI) code.

SKY-2711: BXF extended to support Easytext secondary events

An Easytext event is a secondary event configured with an Easytext template used to display dynamic and static text as a layer on top of the primary event. The BXF schema has been updated to support Easytext events. this allows Easytext secondary events to be scheduled via BXF.

SKY-2700: Easytext support added for iTXML

Easytext support has been added for iTXML so that an Easytext event may be scheduled with its template values. The device value in the iTXML schedule must be specified as 'CHANNELCG'. Also the layer value should be '1' or '2' to represent the Easytext keyer. Any other value or no value will result in the schedule being rejected.

SKY-2235: SCTE-104 support added to Channel Types

The Settings > Channel Types > SCTE-104 page has been enhanced with new features to support SCTE-104:

- Support for defining video line into which the SCTE-104 messages are inserted when a SCTE-104 secondary event is created.
- Support for filtering for SCTE-104 packets based on their digital program insertion (DPI) packet identifier (PID) index. The feature provides a mechanism to target SCTE-104 commands at specific devices so the device only acts upon commands with a matching DPI PID index. One set of settings specifies the DPI PID index on which a device will act upon and another specifies what DPI PID index to insert into SCTE-104 packets for SCTE-104 secondary events.
- Support for generating and transmitting SCTE-104 Keep-Alive packets every 29 seconds.

SKY-2160: Added support for the Emergency Alerting System (EAS)

GV STRATUS Playout has been enhanced to support the Emergency Alerting System (EAS) offered through the SSP-3801 card. When the EAS is activated, the external EAS receiver sends the EAS message to the SSP-3801 card and triggers a GPI pin to place an EAS event on air. The GPI pin is configured as part of Settings > Channel Types on the GPI tab and uses the defaults configured in the card.

Fixes

SKY-3031: Missing events once imported do not get 'Ready To Air' warning

When a missing asset is imported and the account's Default Asset Status is set as "New", then any event containing the asset should display a status of "New" and trigger a warning indicating that the asset is not set to "Ready to Air". In the previous release, the warning was not being triggered in this circumstance. A fix has been made so the importing of a missing asset triggers a check which compares the asset to the events containing the asset and triggers the warning when necessary.

SKY-2538: Asset XML delta update removes the title and content type of an asset

In the previous release, if an existing asset was being updated via an AssetXML delta update and the delta update message did not contain the title and content type of the asset, then the title and content type were removed from the asset details. A fix has been made to ensure that asset title and content type will now be retained when Asset XML is imported.

SKY-2506: Events still have a missing status after deleted asset is reimported

If an asset contained in numerous events was deleted and then reimported in quick succession in the previous release, then it may have resulted in some events continuing to display the "missing" status even though the asset was registered. A fix has been made in this release to resolve the issue and ensure that assets display the correct status.

SKY-880: Appending "Comment" as last event in schedule causes issues

If the last event in the schedule appended to the Channel Control page was a "Comment" event, the channel grid failed to clear once the events played out. A fix has been made so "Comment" events can now be used at any point in a schedule.

Known Issues

SKY-3076: Channel clock is an hour behind during Daylight Saving Time

The clock time on the Channel Control page is an hour behind when the channel type used has Daylight Saving Time (DST) dates set and the current date is within the DST period. The channel grid, however, displays the correct time for the scheduled events and displays events an hour ahead taking into account the DST settings.

SKY-3013: Reimporting a clip may overwrite certain metadata

When a clip is reimported using GV STRATUS Playout Gateway, some metadata such as the content type and title may be overwritten.

SKY-2770: Schedule LIVE state is not refreshed for selected schedule

When a schedule is selected and subsequently goes on air on one or more channels, the LIVE state on the Schedule Edit page is not displayed until the schedule is reselected in the left pane.

SKY-2667: Not possible to turn on VCHIP for a rating with a name that contains plus character (+)

Although it is possible to preset any VCHIP rating in Channel Control using the VCHIP Set button, it is not possible to use the VCHIP rating button to turn on a rating that contains a plus (+) character in its name. Attempting to set one with a plus character clears the rating from the button and turns off VCHIP for the channel instead.

Workaround: Click the Confidence Monitor on Channel Control page to open the SSP-3801 web client. In the SSP-3801 web client, click Playlist in the left pane and then set and turn on VCHIP using the buttons on the Playlist page.

SKY-2575: Replacing all instances of an event in a schedule does not work

When a schedule contains multiple events containing the same missing asset with the same ID, attempting to replace all the events by clicking the ID button and selecting "All occurrences in this schedule" does not work.

Workaround: Replace each event separately.

SKY-2466: BXF update of a large schedule causes unexpected behavior

Performing a BXF full update on a large schedule (greater than 2000 events) can cause GV STRATUS Playout to become unresponsive and cause clients (including web interface and devices) to go offline for several minutes. For example, it may take about 40 minutes to update a schedule with 2000 events.

Workarounds:

- Use smaller schedules. For example, on busy channels update using daypart schedules instead of one schedule for the entire broadcast day.
- Update events via a BXF delta update or the Web client when only a few events need to change.

SKY-2441: GV STRATUS Playout Gateway and File Processing Node exhibit unexpected behavior after failover

After failover of an account to the standby deployment, the GV STRATUS Playout Gateway and File Processing Node devices associated to the account begin exhibiting unexpected behavior; for example, the File Processing Node ignores its Parallel Jobs limit and job deletion requests from the web client, jobs are re-queued in the web client which causes duplicate jobs to be created, and closing and reopening the devices causes them to connect back to the previous deployment.

Workaround: After failing over GV STRATUS Playout Gateway and File Processing Node devices to the standby deployment, change the configuration of each device briefly. For example, click the Inbox Folder field in GV STRATUS Playout Gateway or change the Parallel Jobs limit in the File Processing Node, then press the Update Configuration button to save the new deployment configuration. In the unlikely event that there is a need to switch accounts to the backup deployment, customers will be advised and supported by the SPO Support team.

SKY-2438: GV STRATUS Playout Gateway continues to create jobs for a previously configured Media Conversion Inbox

When the Inbox for a previously configured Media Conversion Processor instance is changed, then any media arriving in either the current or previously configured Inbox causes the GV STRATUS Playout Gateway to create a new media processing job.

Workaround: Close and re-open GV STRATUS Playout Gateway after changing the Inbox Folder and saving the configuration.

SKY-2237: Gateway reports an error when importing a large number of assets using BXF

When a large number of assets (over 1000) are imported using BXF, GV STRATUS Playout Gateway reports an "Error Parsing BXF file" error.

SKY-2234: Devices may unregister if the host clock is not synchronized

Devices such as the GV STRATUS Playout Gateway and the File Processing Node may unregister from the GV STRATUS Playout service if the system clock on the host computer is not correctly synchronized with local time.

SKY-2017: Completed secondary events are removed from channel grid whilst primary event is still on air

Secondary events in the "done" state are removed from the channel grid on the Channel Control page before their associated primary event has finished being played out.

SKY-2016: Partial breakaway hold events are not appearing in Show History

If an event is partially played out using Breakaway Hold, the event does not appear in the Show History log once it has been removed from the channel control grid.

SKY-1988: Row highlight is not cleared when deleting multiple events

When deleting multiple events from a schedule on the Schedule Edit page, the blue highlight color should be removed once the events are deleted to indicate that the deletion has been completed. Currently, however, the highlight remains visible and shifts to a different group of events.

Workaround: Select an event in the grid to clear the highlight.

SKY-1681: The channel clock is not updated when the channel type is changed to one with a different time zone offset

The channel clock on the Channel Control page is not updated correctly when the channel's channel type is changed. If the channel type on the Settings > Channel Settings page is changed to a channel type with a Time Zone Offset different than the one previously displayed on the Channel Control page, the channel clock continues to display using the previous offset.

Workarounds:

- If the channel grid on the Channel Control page is exhibiting the issue, click to a different channel and then back again. If this does not resolve the issue, switch to a different channel type and then back again.
- Reload the browser before appending a schedule.

System Requirements

For detailed system requirements, please refer to the GV STRATUS Playout Operator Guide.

Opening and logging into the GV STRATUS Playout web interface

To access the GV STRATUS Playout web interface, you need a Google Chrome browser and the log in email address provided to you by the system administrator. Since the interface is customizable by user profile, the pages and functionality made available to you might differ than what is described.

Important: To access the GV STRATUS Playout web interface, we recommend that you use a display with a minimum screen resolution of 1920 x 1080 pixels and the latest version of Google Chrome at 100% zoom in full-screen (F11) mode.

To open the web interface:

1. Open a Google Chrome browser.
2. In the address bar, type the URL of your GV STRATUS Playout Portal.
3. In the **Email** box, type the email address configured to grant you access to the portal.
4. Click **Sign in**.

Contact Us

Skype: mir-sposupport
Telephone numbers:
+44 844 338 7007 (UK customers)
+1 530 478 4148 (US customers)
e-mail: sposupport@grassvalley.com

Copyright and Trademark Notice

Kong, Japan, New Zealand, Norway, Peru, Russian Federation, Serbia, Singapore, South Korea, Spain, Sweden, Switzerland, Taiwan, Turkey, United Kingdom, United States of America, Venezuela and WIPO.