Release Notes

XIP-3901-GB-IP

Release History

Release Version	Comprising:		Release Date	User Manual for this Release (Grass Valley Document #)
	Firmware Version	Software Version		
1.0.0	1.0.0.111	1.0.0	2020-08-25	13-03065-010 Rev. AI

NOTES: The iControl compatibilities shown below are officially supported by Grass Valley. Earlier versions may also work, with bugs or limited features.

The reference number (Ref#) given for each feature or bug in these release notes refers to internal Grass Valley documentation.

UPGRADE PACKAGE: 1.0.0

Firmware version: 1.0.0 (CPU 1.0.0.111, FPGA 1.0.0.144)

Release date: 2020-08-25

GV Orbit: 1.0+

GV Convergent: 2.1.2

iControl compatibility:7.51+

iControl Solo compatibility: 7.51+

RCP-200 compatibility: N/A

Hardware compatibility: This upgrade package applies to all existing hardware assemblies.

Release type: Official release

KNOWN BUGS

Ref #	Description
XIPGBIP-547	**Cannot join ST 2110-31 audio stream through NMOS** Joining an ST 2110-31 audio stream does not succeed through NMOS IS-05 routing even though the destination's SDP file contains the correct information after the take: a=rtpmap:<pt> AM824/<clock-rate>/<nchan> Workaround: Use the XIP-3901-GB-IP control panel to manually configure the destination's receiver parameters.
XIPGBIP-510	**SDP file payload type for Video 2-4 does not follow payload type setting** The media description in the ST 2110-20 SDP file contains the <fmt> sub-field corresponding to the payload type. When changing the ST 2110-20 payload type in the user interface Sender > Advanced tab, this sub-field is updated for Video 1 but not for Video 2-4. m=audio 10000 RTP/AVP <fmt> Workaround: Manually stop and start Video 2-4 senders / Reboot card.

Ref #	Description
XIPGBIP-512	**SDP file payload type for Audio 2-4 does not follow payload type setting** The media description in the ST 2110-30 SDP file contains the <fmt> sub-field corresponding to the payload type. When changing the ST 2110-30 payload type in the user interface Sender > Advanced tab, this sub-field is updated for Audio 1 but not for Audio 2-4. m=audio 10000 RTP/AVP <fmt> Workaround: Manually stop and start Audio 2-4 senders / Reboot card.
XIPGBIP-522	**Oversubscription causes receivers to become unstable** The 25 Gb media port receiver can handle up to two UHD streams. When joining streams, if the total receiver bit rate exceeds this limit, the receivers become unstable and errors are produced. The Buffer Level in the receiver Timing tab will be 100% or the value will cycle between 0 and 100% This can happen when the receiver operation mode is set to Quad Stream UHD 2SI Division or Quad Stream UHD Square Division and a video receiver joins a 2160p stream instead of a 1080p stream. Workaround: Reboot the card.
XIPGBIP-531	**No error reported when video streams 1-4 do not have the same frame rate** In input operation mode Quad Stream UHD 2SI Division or Quad Stream UHD Square Division, no error is reported when video streams 1, 2, 3 and 4 do not have the same frame rate.
XIPGBIP-540	**Unable to route audio to audio 2-4 using GV Orbit and Group Hint Tag** Currently, GV Orbit does not use the Group Hint Tag when assigning logical sources and destinations that were manually created. Workaround: Manually delete the unwanted streams and add the desired ones in the logical source/destination.