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A **BELDEN** BRAND

IPVU

Version 2.0.0

Release Notes

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1

Installation and Network Requirements

This section details the requirements that must be met prior to installing or upgrading a system with the current version of RollCall for use with an IPVU. It also provides upgrading and configuration guidelines, as well as tips to improve performance.

Hardware Requirements

System Requirements for running the RollCall Client

The client platform must meet the following system specifications for optimal performance:

Operating system	Microsoft Windows 10, Windows 8.1, Windows 8, or Windows 7
Processor	Intel Core i3, the minimum required by the operating system, or better
Memory	8 GB RAM minimum, the minimum required by the operating system, or more
Disk Space	The minimum required by the operating system plus one GB, or more

Network Requirements

Users can access the IPVU from a client PC using RollCall.

It is recommended that the IPVU be installed on a dedicated LAN, using the existing security infrastructure. A qualified system administrator should verify that the setup follows the security standards of your organization. Refer to the *IPVU Installation Guide* for RollCall software installation information.

TCP/UDP Port Usage

Certain ports must be open on the management network. This information can be found under **Port Usage** in the *RollCall V4 Suite & RollCall Lite Installation Guide*.

Equipment Interoperability Incompatibility

While IPVU can integrate with a wide range of equipment, this does not guarantee interoperability between equipment. Always consult product datasheets to ensure that common signal types are supported by both pieces of equipment for interoperability.

Documentation

You can obtain the latest version of the Release Notes and all manuals from the Documentation Library section of Grass Valley's website.

2 Release Notes

The *IPVU Release Notes* guide includes lists of new features and enhancements, bugs fixed, as well as known issues and limitations associated with the latest version of the RollCall software.

Overview

IPVU version 1.0.0 is the first release. See [Known Issues and Limitations](#), on page 9.

Before Upgrading IPVU

Backup the IPVU configuration to your local PC before you perform a IPVU software upgrade so that you can return to the previous IPVU software version if necessary. Refer to **Save** and **Restore** in the *RollCall Control Panel User Manual*, available for download from the Grass Valley website.

New Features, Enhancements, and Bugs Fixed in IPVU

The following is a list of IPVU features and enhancements. The most recent items are marked with a star (★) symbol.

IPVU Version 2.0.0

New Features and Enhancements

- ★ [Ref.#IPVU-399] **Fan Status is available:** the Fan Status is available in Rollcall's "System Status" page. When the fan is working normally, then the status is "OK". When the fan is not working properly, the status is "FAIL".
- ★ [Ref.#IPVU-973] **Override of the MONITOR OUTPUT static HDR metadata infoframe value:** in RollCall, the MONITOR OUTPUT HDR-related metadata in the infoframe can be manually overridden to better support HDR.
- ★ [Ref.#IPVU-1065] **UHD quad link/stream - SQD is supported:** the ability to display a UHD-4K square division signal is now supported.

Bugs Fixed

- ★ [Ref.#IPVU-993] **IPVU Counters Page has been updated:** from Rollcall's "Counter" page, you can clear all counters relevant to an IPVU. All counters that were irrelevant to an IPVU have been removed.

IPVU Version 1.0.0

This is the first release.

Known Issues and Limitations

The following is a list of known issues and limitations associated with IPVU. The star (★) symbol indicates a new issue in IPVU version 1.0.0.

- [Ref. #IPVU-965] **In Rollcall, the RTP Discontinuity count failed with single dropped packets:** RollCall's RTP Discontinuity counter sometimes does not register a single dropped packet. When more than one packet is dropped then the counter does increment.
- [Ref. #IPVU-963] **When using PTP Multicast with ST 2022-7 and switching between ports may result in a glitch:** when using ST 2022-7 and are switching between media ports, a short (~1 sec.) glitch may occur due to the time of the PTP receiver to sync with the alternate media port grandmaster.
- [Ref. #IPVU-961] **The message timeout counter in the "Time Sync Configuration" panel does not count.**
- [Ref. #IPVU-948] **IPVU may not lock when inserting the primary media link after bootup:** the IPVU might not lock or boot when inserting primary media link after power-up.
- If this happens, connect the primary Media 1 port and then power cycle the IPVU (disconnect power from the IPVU for at least 5 seconds).
- [Ref. #IPVU-879] **The "Auto" option in Rollcall's Receiver Video standard parameter is not functional:** you must select the appropriate video format such as 1080i or 720p.
- ★ [Ref.#IPVU-1289] **Monitor Out Audio is fixed to 2 channels:** The audio of the Monitor Outputs are fixed to 2 channels: Left and Right.



Grass Valley Technical Support

For technical assistance, contact our international support center, at 1-800-547-8949 (US and Canada) or +1-530-478-4148.

To obtain a local phone number for the support center nearest you, consult the Contact Us section of Grass Valley's website (www.grassvalley.com).

An online form for e-mail contact is also available from the website.

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