

BRIDGE LIVE SDI Family v1.20.3 - Release Notes

Software for the Live Encoding, Decoding, Transcoding, and Streaming System

Introduction

BRIDGE LIVE v1.20.3 software release includes multiple new features, improvements, fixes, and important security updates. It is recommended that all BRIDGE LIVE SDI Family systems (BRIDGE LIVE, BRIDGE LIVE 12G-4, BRIDGE LIVE 3G-8) upgrade to this version immediately.

Be sure to consult the Installation and Operation Guide (user manual) for detailed information about features and configuration guidelines. The most current documentation can always be found on the [BRIDGE LIVE Support page](#).

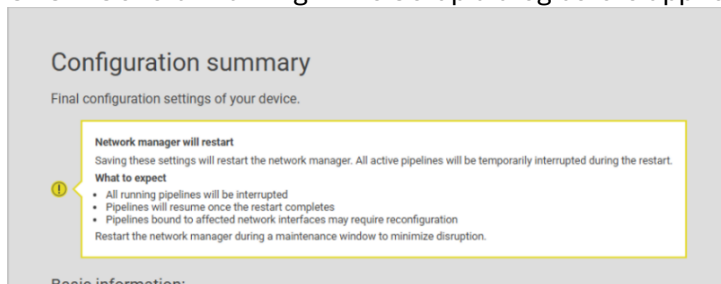
Features (Requires active Annual Maintenance option or new system shipped with this release)

- NDI v6.3.1 SDK implemented with NDI HDR signaling and 10-bit (via 16-bit) support
 - Systems purchased after 1 Dec 2025: NDI access requires purchasing the BLVE-NDI license
 - Systems purchased before 1 Dec 2025: NDI is included
- H.264 GDR (Gradual Decoder Refresh) low-latency mode, configurable in the UI for NVENC (Nvidia Encoder) and x264 encoders

Improvements

(Included with or without Annual Maintenance Option, applies to already supported features)

- New Monitoring Dashboard
- UI/UX: General warning in the Setup dialog before application regarding impact on configured pipelines:



- Wrap-captions: Captions can be inserted into MPEG-TS, HLS or RTMP H.264 outputs as SEI messages
- Input ST 2022-7 (redundancy) support for TS in RTP

- SCTE-104 messages within the SMPTE-2038 stream can be transposed to SCTE-35 on a private PID within an MPEG-TS output
- Green play button for runtime changes, blue check button for non-runtime changes
- UEFI (Unified Extensible Firmware Interface) supported on new systems built with this release
- Update to NDI 6.3.1
- AJA driver and SDK update to v17.6.0
- TS muxer bitrate stability improvements
- The B-frame count can be configured independently of the selected preset. B-frames are no longer invalidated when low-latency preset is selected in the Advanced Settings INI file. These can be turned on or off per pipeline. Previously, the pipeline configuration would be invalidated if B-frames were used on an output for H.262, H.264, and H.265 in conjunction with the low-latency preset application.
- SRT v1.5.6 implementation to address
 - [CVE-2026-55869](#): Heap-Based Buffer Overflow in KMREQ Handling
 - [CVE-2026-55868](#): Encryption State Machine Downgrade

Bug Fixes (With or without Annual Maintenance Option, applies to already supported features)

- Match input to output video parameters when created or stream type changes
- SRT listener doesn't respect interface selection

Documentation

BRIDGE LIVE:

For initial System Setup, see the BRIDGE LIVE Quick Start Guide included in the box with BRIDGE LIVE.

- The Quick Start Guide is unique to each BRIDGE LIVE system since it contains the unique admin and transcoder passwords necessary to gain access to the system for the first time

The BRIDGE LIVE Manual is available via the AJA website:

- <https://www.aja.com/products/bridge-live#support>
 - Under the Manuals heading, the BRIDGE LIVE manual can be selected for viewing and/or download

The BRIDGE LIVE Tech Specs are available via the AJA website:

- <https://www.aja.com/products/bridge-live#techspecs>

Downloading and Applying Software Updates from AJA.com

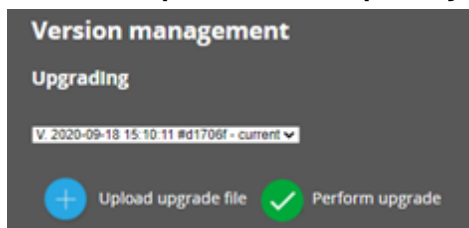
Download the Latest BRIDGE LIVE Update

- Using a separate host system, connected to BRIDGE LIVE, use a web browser to reach:
 - <https://www.aja.com/products/bridge-live#support>
- Under the Software heading, the BRIDGE LIVE package can be selected for download
- Download the package to the separate host-system, connected to BRIDGE LIVE

Unpack BRIDGE LIVE Update

- The update provided by customer support is a “ZIP” file which can be opened with OS tools or third-party applications
- Extract the contents of the ZIP file (unzip). This will present a folder containing the BRIDGE LIVE Product Manual, Release Notes, and appropriate Software update/upgrade

Follow this procedure to update your BRIDGE LIVE



1. WARNING: Before performing an upgrade, be sure to backup your Pipeline configurations
 - a. See "Creating and Loading Preset Configurations for Streams" in the BRIDGE LIVE Manual for details
2. Using the BRIDGE LIVE GUI, proceed to Setup > Version Management
3. Choose “Upload upgrade file”. Navigate to the unzipped Software update and select.
4. Choose “Perform upgrade”
5. Confirm the pop-up window stating that the BRIDGE LIVE unit will have to reboot after the update process is done
6. Following reboot or restart, a login will be required

NOTE: While updating software, do not remove power

Technical Support

To contact AJA Technical Support:

Email: support@aja.com

Phone: +1-530-271-3190

Web: <https://www.aja.com/support/contact>

Shipping: 180 Litton Dr. Grass Valley, CA 95945 USA