



V10.1 Release Notes - LiveEdge® Node & EdgeCaster (VCP)

2024-03-28 V10.1.0.148.3

*****ALL XML USERS MUST UPDATE THEIR XML CONFIGURATIONS TO ALIGN WITH THE CURRENT [XML SCHEMA](#) BEFORE UPDATING TO THIS SOFTWARE RELEASE!!!!**

Features

- > **WebRTC/WHIP Output Support:**
 - WebRTC (Web Real-Time Communication) offers a modern ULL output direct to web, a great way to monitor the stream in real-time full raster and frame rate.
- > **Opus Audio Profile/Encoder Codec Support:**
 - A requirement of WHIP integration support, Opus audio codec is standardized by the Internet Engineering Task Force (IETF) as RFC 6716 which incorporated technology from Skype's SILK codec and Xiph.org's CELT codec.

Bug Fixes / Improvements

- > Video and Audio Profile/Encoder codec type required upon creation of the Profile/Encoder
- > Debug log enhancements:
 - Device entitlement file now included in debug logs
- > Local Web UI enhancements:
 - Updated Video and Audio Profile/Encoder deletion warning dialog box
 - AV Input Preview toggle no longer displays as "On" when declining the dialog box
 - Under Outputs, change of verbiage from "+ Add Profile" to "+ Add Output"
 - Outputs now enter a "Retrying" status rather than infinitely cycling between "Pending" status and "Error: Occurred with remote connection" status when the destination server is unavailable or unreachable



Known Behaviors

- > Opus Audio is supported for WHIP output and Unicast output options
- > WHIP outputs may be configured for a video-only stream
- > WHIP outputs only support H.264 (AVC) video profile/encoder to be selected and do not support H.265 (HEVC) video profiles/encoders
- > WHIP outputs only support Opus audio profiles/encoders to be selected and do not support AAC audio profiles/encoders
- > For video profiles/encoders, H.264 (AVC) / H.265 (HEVC) codec selection is assigned upon the creation of new profiles/encoders. This is no longer a modifiable setting within the video profile/encoder after it has already been created.
- > If you have selected the WHIP output and no video profiles are selectable for the Video Source but you have created a video profile/encoder, it is most likely because WHIP requires H.264 with no B-frames (Lowest Quality/Latency).

Did you know?

- > **New Form Factor - LiveEdge® 2Go**
 - The LiveEdge® Ecosystem is now available in two small, rugged, and portable form factors - **LiveEdge® 2Go and 2Go Mini** - designed for the pitch, court, track, rink, or wherever your live events take you, prepared to take on the most grueling on-the-go workflows. Both subscriptions include Compute, Cloud Control, vCare and an encoding container per input - perfect for supporting multiple camera angles or backup feeds - add a la carte licensing options to personalize your workflow. Check out all the details [Here](#).
- > **New Use Case - Live-to-VoD Highlight Reels**
 - Leverage streamlined social media and OTT workflows to optimize your broadcast workflows. The LiveEdge® Ecosystem is container-based, enabling you to imagine, test, and deploy high-quality broadcast workflows, like never before. Case in point - containerized social/OTT highlight clipping tools can now provide automated start/stop timing data to LiveEdge®. In turn, LiveEdge® can instantly deliver fresh highlight reels for social/OTT viewing, and high bitrate versions for traditional broadcast, replacing expensive manual processes and expensive tools. To learn more about Live-to-VoD and highlight clipping workflows, reach out to us [Here](#).