V10.3.0 Release Notes - LiveEdge® Max & Node

2024-09-12

LiveEdge® Max V10.3.0.280

LiveEdge® Node V10.3.0.149.3

Bundled Cloud Agent: V1.19.0

Features

> **Support for scaling and encoding to output VESA 1920x1200 and 2560x1440 resolutions:**
   ● **Output resolution scaling** for both LiveEdge® Node and Max now support scaling to these VESA resolutions.
   ● LiveEdge® Node units can now support **HDMI inputs with 1920x1200 resolution.**
   ● LiveEdge® Max units can support **HDMI inputs with 1920x1200 or 2560x1440 resolutions.**
   ● **Note:** on both LiveEdge® Node and Max, it may be necessary to reboot your device or perform a [Reset Settings](#) to enable these new scaling resolutions.
> **Factory Reset function via Front Panel Display**
   ● Using the front panel display available on LiveEdge® Max units, users can now select the option to "Reset: Factory Reset" their devices. Factory Resetting will reset/remove the following:
      – Input Configurations
      – Encoder Configurations
      – Output Configurations
      – Network Settings (Factory Reset defaults to DHCP)
      – Device Name
      – Time Zone/NTP Settings
      – Additionally installed Docker containers/images and docker-compose.env files are also removed

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> **Expand the storage capacity of your LiveEdge® Max with USB drives and SD cards*:**
  - USB drives formatted to FAT32 are now supported. USB drives can be mounted either prior to powering on the LiveEdge® Max device or once the Max device is already powered. They will now be recognized by the device's Storage Device Management under the Advanced tab of the local web UI and File Record output. This feature was already available on LiveEdge® Node devices.
> **WHIP output enhancements:**
  - Support for a broader variety of WebRTC CDNs
  - Support added for non-signed/authenticated WebRTC destinations
  - Support for "passive" negotiations to initiate DTLS handshakes from the Videon device

Bug Fixes / Improvements

> Protocol and output fixes:
  - Bug fix allowing Generic WHIP streams to continue streaming when a brief network interruption is encountered. This issue affected only LiveEdge® Node units.
> Local Web UI fixes:
  - Bug fix on the local web UI when booting causing an asterisk to indicate unsaved changes beside the "System" sub-section in the Device Settings tab of the local web UI when no System settings were changed.
  - Bug fix permitting the selection of an alternate Video Encoder/Profile within an actively streaming Zixi output.
  - Bug fix for the "Reset Successful" dialog box appearing too soon on the local web UI when performing the "Reset Settings", affecting Max units only.
> Local Web UI enhancements:
  - When using the up and down arrows to manually select values in the local web UI, the user will no longer be able to select the down arrow to enter negative values.
> API fixes:
  - Bug fix to address the inability to toggle the "sdi_ignore_phase" feature using the REST API, affecting LiveEdge® Node only.
> Front panel and status LEDs:
  - Bug fix for an issue causing the LiveEdge® Max multi-color front panel LED to remain yellow when it should have been blue indicating all startup processes have been completed.
  - Bug fix for an issue preventing the LiveEdge® Node Stream LED from illuminating with an active WHIP output.

> OS updates:
    ● On LiveEdge® Max, the core OS has been updated to restart Docker containers on boot if they've encountered any errors.

Known Behaviors

> **LiveEdge® Max specifics:**
    ● External Storage:
        – *An SD card must be inserted prior to device boot in order for it to mount properly **the first time only**. After being recognized from the initial mount, SD cards can be inserted/removed at any time and will then be recognized and mounted by the device.
> **LiveEdge® Node specifics:**
    ● Known bug when using multichannel audio on AAC encoders with SD resolutions (480 and 576) resulting in audio artifacts.
> **Both LiveEdge® platforms:**
    ● Multi-channel audio on WHIP is not supported but is expected to be included in a future release.
    ● Known bug with Facebook scheduled streaming events causing the scheduled streaming event not to appear in the local web UI as an option for RTMP outputs using the Facebook integration.
        – A known workaround for this issue is using Generic RTMP to stream the scheduled stream event. For setting up a Generic RTMP stream to Facebook, check out this article!

Did you know?

> **New Form Factor - LiveEdge® 2Go**
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> - 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**
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> - 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](#).