



## V10.4.0 Release Notes - LiveEdge® Max & Node

2024-11-13

### LiveEdge® Max V10.4.0.319

### LiveEdge® Node V10.4.0.149.3

Bundled Cloud Agent: V1.21.0

#### Features

- > **Stream persistence in the event of a loss of input detection**
  - **Products: Max**
  - **Input failover to black video with silent audio** in the event there is a loss of input detected on the device. There is a new toggle for this feature. See [this Help Center article](#) for more information.
- > **Auto Restart and Recovery of HTTP Push Output**
  - **Products: Max, Node**
  - **Output restart and recovery logic** has been added for HTTP Push outputs. This feature allows the HTTP Push output protocol to restart the stream in the event any conditions are encountered causing the HTTP stream to drop. There is a new toggle for this feature. See [this Help Center article](#) for more information.
- > **License Application Support for Devices not connected to Videon's LiveEdge® Cloud Control platform**
  - **Products: Max, Node**
  - **Purchased licenses may now be applied** to Videon devices on which the user wishes not to connect to the Cloud Control platform. Licenses will still be distributed to the customer via our Cloud Control platform, but these licenses can now be applied locally on the device. See [this Help Center article](#) for more information.



## Bug Fixes / Improvements

- > Software update enhancements:
  - Products: Max, Node
  - Increased device's ability to recover in some situations where software updates are interrupted.
  
- > Local Web UI enhancements:
  - Products: Max, Node
  - When using the local web UI to update Videon devices, a [new "View Release Notes" button](#) will be displayed that links Videon's Release Notes for review prior to updating device software.
  
- > Protocol and output fixes:
  - Products: Max, Node
  - When streaming to certain ingest points with a misconfigured RTMP URL, the faulty URL could previously cause the device to get into a state where the Daemon would crash and cause unexpected behavior. This has been resolved so that the device's Daemon will no longer crash, but the stream will simply result in a failed connection attempt instead.
  
- > Protocol and output enhancements:
  - Products: Max, Node
  - Support has been added to stream multichannel audio using the WHIP output protocol.
  - The ability to disable KLV MISB 0601 metadata on output has been included in this release. A new toggle has been added for this enhancement which is available via REST API only.
  
- > XML fixes:
  - Products: Max
  - Bug fix for the FEC Percentage of Zixi outputs not changing according to the defined change via XML.
  - Proper encryption of XML authentication passwords is included in this release.
  
- > XML enhancements:
  - Products: Node
  - The LiveEdge Cloud® device guid has been added to the HTTP request as a Query Parameter.



- > Discovery app compatibility enhancements:
  - Products: Max
  - When making device changes such as changing the Device Name or changing between static IP and DHCP network assignment, the Videon Discovery app (V4.0) would not reflect these changes in all cases. This has been resolved so device changes are appropriately reflected on the Discovery app again

## Known Behaviors

- > **Both LiveEdge® platforms:**
  - **Active enforcement of purchased licenses via LiveEdge® Cloud Control.**
  - 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!](#)
- > **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.



## 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](#).