

## VersaStreamer SDI Release Notes

### V8.1.3.117.3

#### Bug Fixes / Improvements

- > Fix for Web UI bug placing red X for invalid FTP file path in wrong location
- > Fix for large recorded files not able to be played back when "Delete Oldest File When Full" and "Limit Max File Size" are enabled



## V8.1.2.117.3

### Bug Fixes / Improvements

- > Fix for file recording showing unsaved changes on web UI during FTP Upload
- > Fix for web UI slowing down during FTP Upload
- > Fix for Device Settings page not being displayed on web UI when using port forwarding
- > Improvement of video playback quality for SD resolutions
- > Improvements to prevent connection issues when RTMP server is in a faulty state
- > Security improvements to hide and encrypt passwords and keys of confidential configurations for the following:
  - RTMP Integrations
  - FTP Authentication
  - XML Authentication
- > Improvements to XML web UI feedback when invalid URL is entered

## V8.1.1.117.3

### Features

- > Added software version and serial number to XML status

### Bug Fixes / Improvements

- > Improved SDI input source detection
- > Improved update notification of a failed download
- > Improved logging for update retrieval
- > Fixed multiple sporadic streaming hangs on AV input changes
- > Fixed a crash in some cases of disabling HTTP Pull

## V8.1.0.116.3

### Features

- > Mux RTMP Integration



## V8.0.0.115.3

### Bug Fixes / Improvements

- > Fixed possible failure to load static IP configuration on boot
- > Improved logging of unexpected errors
- > Fixed issue where Facebook stream would not start when set up using REST actions
- > Improved NTP time accuracy
- > Updated web UI for increased compatibility with port forwarding

## V7.10.0.109.3

### Features

- > AWS IVS RTMP Integration
  - Refer here for guidelines on streaming to AWS IVS:  
<https://support.videonlabs.com/hc/en-us/articles/4404815170963-Stream-to-AWS-IVS-RTMP->

### Bug Fixes / Improvements

- > Fixed issue where web UI was sometimes failing to load all outputs

### Known Issues

- > HDMI splitters of the Techole and Cable Matters brands have been found to not be recognized as a valid source with Videon encoders
- > USB drives must have a partition table to mount. Ensure the drive has a partition table and is formatted to FAT32.
- > When a chosen recording storage device is unplugged, a new storage device must be manually selected

## V7.9.1.109.3

### Bug Fixes / Improvements

- > Fixed an issue with setting up a stream to Facebook and stream title and description would disappear after rebooting
- > Improvements made to network handling of the VersaStreamer SDI to automatically re-establish a lost connection on the network



## V7.9.0.102.3

### Bug Fixes / Improvements

- > Changed AV Input Preview max Thumbnail size to 320px to help prevent performance issues when using Input Preview
- > Updated stream outputs (RTMP, Unicast, Recording, etc.) to enable when their settings are changed.
- > Fixed an issue where specific SDI sources were experiencing audio static with fractional framerates

## V7.8.2.102.3

### Bug Fixes / Improvements

- > File recording's "Time Remaining" field now shows when the selected storage device is full
- > Facebook and YouTube RTMP integrations now dynamically adjust pairing poll interval to conform with respective platform API requirements to avoid pairing attempts being cancelled by Facebook or YouTube
- > Failed Facebook and YouTube pairing attempts now show an error message

## V7.8.1.96.3

### Bug Fixes / Improvements

- > YouTube and Facebook integrations were updated to meet ToS, new privacy and branding requirements, as well as use the latest API calls

## V7.8.0.96.3

### Features

- > Added a product registration splash screen on boot to appear until device has been registered

### Bug Fixes / Improvements

- > Fixed File Recording sometimes failing to record to file



## V7.7.0.96.3

### Features

- > AV Input Preview feature added to Input Settings for confidence monitoring
  - This allows viewing up to 5 FPS of the video input and a real-time audio input level meter
- > Digest Authentication support added to XML Control
  - Users can now host XML configuration files on digest authentication protected servers
- > Factory Reset now clears all recorded files on the Internal Storage
- > XML REST API control has been moved to its own /xml endpoint and the xml control in the /system endpoint has been deprecated
  - The XML fields in /system will continue to function for V7.7, but **will be deactivated** in a future release
  - **If using the REST API to configure XML control**, please migrate functions to the new /xml endpoint according to the updated REST API documentation [here](#)

### Bug Fixes / Improvements

- > File Recording device selection policy removed to simplify File Recording setup
  - Storage device is now always manually selected
- > File Recording Max File Size now set only in GB since most users had only used GB
  - Valid configurable range is from .01GB up to size of storage device
- > HLS Pull stability improvements
- > Secure streaming connection stability improvements (ex: SFTP)
- > Improved the Facebook RTMP integration to more accurately populate scheduled streams based on recent changes to Facebook's Live Video API

## V7.6.0.85.3

### Features

- > Akamai service provider option now available in RTMP Outputs
- > HTTP Pull now serves over port 8080 instead of port 80
  - This was a result of resolving CORS issues on HTTP playback
- > NTP section added to Device Settings to allow users to configure the time server the encoder syncs with

### Bug Fixes

- > UI no longer fails to fully load when USB or SD card is improperly removed while



recording

### V7.4.1.77.3

#### Bug Fixes

- > -10dB audio drop on encode fixed

### V7.4.0.75.3

#### Features

- > Added support for SMPTE-334-2 608/708 Closed Captions via SDI for HD/UHD resolutions
- > Added Audio/Video Input statuses
- > HDMI connection EDID updated to “Videon”

#### Bug Fixes

- > Fixed an infrequent issue where the encoded video would frame shift with some sources
- > Improved UI load time
- > File record error LEDs corrected to reflect error states
- > HTTP Pull status corrected to reflect the on/off state
- > Improved network connectivity stability with static networks
- > DHCP lease renewal improved
- > Color space improvements on encode
  - Correct identification of Full vs. Limited scale
  - Correct identification of BT.601 vs BT.709 color space

### V7.3.0.73.3

#### Features

- > Input Settings now shows a status in the UI
- > All Outputs now show status in the UI
- > “Recording and FTP” label changed to “Recording”
- > fMP4 is now the default media type for HTTP Pull

#### Bug Fixes

- > AV Synchronization stability fixes
- > Buffer management improvements



- > RTSP startup stability improvements
- > Recording now has the correct LED statuses reported
- > Device Name now appears next to Current Device in the Advanced tab
- > Facebook RTMP integration now loads “Stream List” information properly

## V7.2.0.61.3

### Features

- > The hardware button on the front panel now controls all RTMP outputs
- > The currently select device now shows in the “Select a Device” dropdown on the Encoder Control page
- > B-frame control for HEVC was added to be the same as the Quality/Latency control for H.264

### Bug Fixes

- > Unplugging the Ethernet cable while running no longer reverts Static network settings to DHCP
- > SDI input locking stability improvements

## V7.1.0.61.3

### Features

- > V2 UI - [Walkthrough guide](#)
- > [V2 REST API and XML](#)
- > B-frames are now supported for HEVC encoding as the Quality/Latency setting
- > Video and Audio settings now have status messages in both the left sidebar and in the settings window when selected
- > Facebook now supports selecting scheduled streams on pages managed by the paired user
- > File Recording now has new features
  - MP4 record
  - Option to delete oldest recording from storage device when full
  - Storage device selection policies
  - 16GB internal storage now accessible
- > FTP is now part of File Recording settings

### Bug Fixes

- > YouTube RTMP integration more reliably generates a pairing code



## V6.5.0.61.3

First release for VersaStreamer SDI.

> Datasheet found [here](#)