Release Notes Z/IPStream R/2 Software Update to v1.05

RESOLVED ISSUES in v1.05

Adds Kantar Media Watermarking. Only versions certified by KantarMedia should be used to run watermarking engine.

RESOLVED ISSUES in v1.04.02

-Added StwCue support to metadata2

RESOLVED ISSUES in v1.04.01

-Fixes license activation not working properly.

-Fixes Metadata2ui templateeditor not being able to savetemplate under certain conditions.

-Metadata2ui can now launch a web browser connection to aconfigured instance.

-Metadata2ui translator instance now shows a vertical scrollbar

RESOLVED ISSUES in v1.03.23

-Fixes HLS HTTP POST stream storage on Akamai servers.

RESOLVED ISSUES in v1.03.22

-Improves xHE-AAC encoder stream cross-compatibility

RESOLVED ISSUES in v1.03.21

-Fixes incorrect xHE

-AAC mime type for HTTP stream server.

-Updates Stream Monitor feature.

-Each audio source license now unlocks two Stream Monitor features

RESOLVED ISSUES in v1.03.20

-Updates Triton Digital Services to SM v4.2.0, MP v4.4.4 and ME v4.4.4.

RESOLVED ISSUES in v1.03.18
- Adds HTTP player warning messages when silence or no data event occurs
- Bug fixes for other less critical issues.

RESOLVED ISSUES in v1.03.16
- Adds audio source, streaming and HTTP player error and silence detection textual information fields to SNMP.Bug fixes for other less critical issues.
- Adds Triton Digital Services ME/MP component logs.
- Adds mount point links to Triton Digital Services page.
- Adds hardware resource logging every 5 minutes.

RESOLVED ISSUES in v1.03.12
- Reduces potential delays coming from the Service Manager logging
- Main metadata logging has been reenabled. Debug diagnostics are still turned off.
- Metadata packets are now uniquely numbered, for easier tracking.
- By using the "Send to PDM" template and "Receive from PDM" filter, we can now measure end-to-end processing delays.

RESOLVED ISSUES in v1.03.11
- Turns off metadata info logging to ensure that it does not introduce additional delays. All warnings and errors are still logged.

RESOLVED ISSUES in v1.03.10
- Fixes HTTP codes 201 - 205 not being accepted for HLS HTTP POST upload.

RESOLVED ISSUES in v1.03.09
- Updates the metadata ingest processor to speed up packet parsing.
- Limits the log messages sent to the metadata2ui to show only the relevant information.
- Adds "pause on error" option to the logs view in metadata2ui.
- Adds additional packet processing statistics to give a better view of where delays may be introduced.

RESOLVED ISSUES in v1.03.08

- Adds buffering to metadata2 output so that slow network connections do not delay internal processing of other packets.
- All metadata2 output sent to a destination is now serialized through a single send queue, instead of having multiple senders be active at the same time.
- Add metadata2 packet processing timing statistics. A histogram of packet processing times is written to the logs every hour
- The metadata2 log output now includes internal message timestamps in addition to the timestamps added by the service manager.
- The metadata2ui now displays error messages in red and warnings in blue. The info messages are still displayed as black.
- The autoscroll checkbox in the metadata2ui log view did not always work as expected. This has now been resolved.

RESOLVED ISSUES in v1.03.07

- Improves metadata2 application stability.
- Adds error messages for events that took longer than 600 msec to process.
- Fixes issue with metadata2ui where the socket connection was kept active until the application was closed.

RESOLVED ISSUES in v1.03.06

- Increases HTTP stream player silence detect time to 10 minutes.
- Allows 0 seconds to be used as Audio Processing program sync buffer size.

RESOLVED ISSUES in v1.03.05

- Adds HTTP stream player for uploaded stream monitoring. Silence detection and connection status information is available with Error/Warning messages (forwarded to e-mail, if notifications are set) and added SNMP variables.
- Updates Triton Digital services connect component to solve resource leakage issues. Fixes station display and control issues in web interface.
- Adds Triton Digital services connect component logfiles to web interface.
- Fixes scheduler not working properly.
- Reduces xHE-AAC Independend Flag interval to 16 frames.

RESOLVED ISSUES in v1.02.29 beta

- Fixes a metadata issue where previous events are not cancelled when using a delay block.

RESOLVED ISSUES in v1.02.28 beta

- Updates Triton Digital services to v4.1.7.

RESOLVED ISSUES in v1.02.27 beta

- Fixes issue where a missing Lua function in metadata2 filters or templates could cause memory leak over longer time period.

RESOLVED ISSUES in v1.02.26 beta

- Prevents metadata2ui making changes to factory filters and templates.
- Adds Triton mount point information to web interface.
- Imports updated metadata2 filters and templates if the secondary bank copy matches the current settings file.
- Adds IPMI IP address to the web interface Status page.

RESOLVED ISSUES in v1.02.22 beta

- Updates AudioVault 10.x and AudioVault 9.2 metadata2 filters to version 3.
- Adds Center Stage Live (ANDOXML) metadata2 filter.

RESOLVED ISSUES in v1.02.20 beta

- Adds temperature, fan speed and power supply status sensor readings to web interface Status page.
- Reports sensor readings to SNMP variables, sends SNMP traps when readings are in warning state.
- Adds SNMP "value updated" trap to audio sources, streams and silence detection failed counters reporting trap.

RESOLVED ISSUES in v1.02.19 beta

- Changes name in NfRemote title bar from serial number to friendly name set in options.
- Adds Center Stage Live (ANDOXML).lua and andoxml2-picurl.tx2 filter files.

RESOLVED ISSUES in v1.02.17 beta

- Adds processed internal audio sources.

RESOLVED ISSUES in v1.02.16 beta

- Adds NS field when setting static IP address using LCD front panel.

RESOLVED ISSUES in v1.02.15 beta

- Adds friendly device name option (S/N by default).

- Adds Omnia 3 preset download option.
- Adds Triton Digital Services logs and gzip compression option.

RESOLVED ISSUES in v1.02.14 beta

- Improves web interface international character support.

RESOLVED ISSUES in v1.02.13 beta

- Adds SNMP local or any subnet remote client limit option.

RESOLVED ISSUES in v1.02.12 beta

- Fixes SNMP not being set up properly by web interface.