

Version 6.0 Release Notes

Major Changes

- Brand new 64-bit operating system (OS) with the latest security updates and ongoing support through 2032.
- Support for the CAP Caribbean Barbados profile.
- Direct access to the Amazon Web Services (AWS) S3 filesystem for MPEG-DASH alert data, enabling cloud service access to full-screen slides and audio.
- Incorporated the **Plus Package** option for active Encoder devices. Upon installation of Version 6, if there is an active Encoder key, the Plus Package Option license will become “VALID”, this provides the following system enhancements:
 - Automatic browser refresh and instant display of incoming alerts on Alert Events page
 - MP3 and OGG/Vorbis streaming audio of audio sources
 - FIPS/EAS filtering for selective serial port and GPIO's control under MultiStation option
 - Front panel audible announcement of decoded alerts
 - Custom text modification for ORG codes and CGs
 - Custom message modification allows both text and audio message editing
 - Allows Auto-Forward Filters optional block Manual Forwarding
 - Live sequencing of manually forwarded alerts
 - Supports multiple serial port control using an external USB/4RS232 serial port expander.
 - Additional serial support for Chyron™ Codi, BDI GPM-300 Matrix Switcher, and BTI MSRP Audio Switchers
 - Adds Net CG support for Chyron Intelligent (ChyTV, and Codi Net CG), Simple Chyron Intelligent IF, character generators
 - Supports Fox Splicer™ (Cisco DCM™)
 - Customizable hourly station ID/ Message display for R194 or XBOB4 character generators

Security Enhancements

- Enhanced whitelisting rules to support Classless Inter-Domain Routing (CIDR) notation and the single-character “?” wildcard, with restricted use of multi-character “*” wildcards to improve overall IP address management.
- Enhanced text entry sanitization to better prevent cross-site scripting and code injection.
- Disabled icon directory display to prevent information exposure.

EAS-Net™

IMPORTANT: THIS NEW VERSION INCLUDES THE LATEST SSH & OPENSLL, WHICH ARE NOT COMPATIBLE WITH EAS-NET ON DASDEC/ONE-NET UNITS RUNNING V4.4 OR LOWER.

Added AWS S3FS as an EAS-Net transfer protocol

- Added DASHS3FS option for schema file editor or selector.
- A new DASH-specific Heartbeat State file delivers a unique device parameters file to specified addresses, repeating at a user-defined interval, to monitor network connections and enhance availability during an actual emergency.
- Added DASHS3FS options for specifying Heartbeat State file name.
- Added DASHS3FS option for date/time \$(macro) expansion in GM (UTC) time.

General Additions

- Added new GUI height options: 1000px, 1200px, 1400px, 1600px, 2000px.
- Added three new GUI width options: Extra Wide (1600px), HD (1800px), and 4K (3000px).
- Added audio-only option to DASH ISO-BMFF format.

LEAP™ — Legacy EAS Adapter Process

- Added support for converting Sage Es2 configuration files to the DASDEC configuration format.

HALO™

- Added two new fields to HEALTHBEAT: *base_distro* and *software_install_date* to support HALO's Software Distribution Module (SDM).
- Support was added for installing software with the HALO command/download.

AES-67

- Added support for choosing AES67 multicast Ethernet device names directly from the GUI.
- Enhanced AES67 startup/shutdown process and internal license installation.
- Enhanced LiveWire+ audio synchronization.

General Improvements

- Included seconds in the calculation of alert duration in total minutes for a CAP message. Seconds exceeding a minute are always rounded up to the next minute. In this case, a duration of 24 hours and 1 second will round up to 24 hours and 1 minute, resulting in an EAS ZCZC string that rounds up to the next 30-minute interval, for a total alert duration of 24 hours and 30 minutes.

General Corrections

- Fixed a major issue that occurred when attempting to send an email during an alert event where the FIPS Group had been renamed in the FIPS editor and not reset in the Email setup.
- Included missing FIPS/EAS Group reference count update for AES67 and email users.
- Fixed serial device connections when using a USB hub, added support for a single hub extender, and optimized matching for specific USB devices.
- Fixed occasional audio monitoring issue when listening through the web interface.
- Fixed a rare issue that could cause a missing header file for decoded RWT CAP alerts.
- Prevented masking the Stream MPEG D2D license when a configuration file is installed.
- Fixed occasional false character display on LCD startup screen.
- Removed EMNET option.
- Corrected broken link in *Setup > Station > Global Options* from Station ID to Simultaneous Station Override page.