

Digital Alert Systems, the innovative leader in EAS/CAP products, introduces its newest upgrade for the DASDEC- III series of emergency messaging devices.



Features

- New operating system featuring the latest security standards and extended long-term support
- PLUS Package option is now included!
- Enhanced security features with support for Classless Inter-Domain Routing (CIDR) notation
- Integrated support for Amazon Web Services (AWS) S3 filesystem for MPEG-DASH alert data
- LEAP™ Legacy EAS Adapter Process enables direct importing of SAGE configuration files, saving valuable time when converting from legacy equipment
- New display height and width options to support up to 4K displays
- New EAS-Net™ Heartbeat feature provides user-selected timed device and connection status for downstream monitoring and alarming, ensuring devices are ready to receive alert data
- HALO™ upgrades to support remote software downloads using the Software Distribution Module (HALO-SDM)
- Significant upgrades for AES67 – LiveWire® interfacing, simplifying the setup and enhancing robustness

Description

Version 6 is the latest release in the ongoing development of the award-winning DASDEC™ platform. This major update mainly focuses on advancing the DASDEC system by upgrading the core operating system, which includes important security improvements and expanded support.

As cyber threats increase, securing networked equipment becomes essential. Critical communication devices—especially those capable of disrupting transmissions—are prime targets for hackers, which is why Version 6 uses a much newer operating system. Many large enterprises and critical infrastructure users prioritize security, and maintaining high standards is vital to remain part of their ecosystem. With this approach, Version 6 incorporates a more robust and continually supported operating system.

This version emphasizes strategic improvements that enhance the platform's overall stability, performance, and security. Version 6 introduces a refreshed operating system that enhances the DASDEC platform's stability and ensures you benefit from the latest security enhancements. These updates provide a reliable foundation for future features while keeping DASDEC devices current and easier to maintain.

Digital Alert Systems continuously enhances its products by introducing new features and improving security. This offers significant benefits for our customers and results in a more dependable platform. Additionally, Version 6 includes all the features of the Plus Package, demonstrating that DASDEC remains the leading product in the market.

Other Improvements

PLUS Package

Installing V6 automatically activates the PLUS Package license if the unit also has the Encoder key. This unlocks a range of unique features, including automatic browser refresh, instant display of incoming alerts, audio source streaming options, selective serial port and GPIO access using FIPS/EAS filtering, auto-forward and manual forward blocking options, customizable front panel speaker message announcements, and support for multiple serial and IP interface protocols.

LEAP▲

For customers transitioning to the DASDEC from legacy equipment, Version 6 features the Legacy EAS Adapter Process, or LEAP™, a tool that converts configuration files from other Emergency Alert System devices into the DASDEC format. With LEAP, broadcasters can quickly and easily include many configuration attributes, such as FIPS codes and event filters, into the DASDEC format, making the switch from other manufacturers to the advanced Digital Alert Systems platform nearly seamless.

EAS▲NET

The constantly growing list of third-party integrations with EAS-Net is further improved with a new feature that includes a Healthbeat State file, which is sent at a user-specified repeat interval. By adding this function, downstream equipment can easily monitor its connection to the DASDEC and set flags or alarms if communications are lost for a certain period. This ensures that if an alert is sent, the pathway is available to receive the EAS-Net information and respond properly. It also provides a proactive approach to compliance, rather than a reactive “why didn’t it happen?” approach.



To enhance the compliance management aspect, Version 6 is the first software version compatible with DAS’s HALO Software Distribution Module. Once upgraded to Version 6, all future software updates can be easily managed through a customer’s HALO console. Now, one, two, dozens, or even hundreds of devices can be upgraded with just a few clicks on their HALO screen. This marks a significant step forward in device management, and the ability to issue compliance and security updates from a single console is a first in the industry, representing a major advancement.

One addition in Version 6 is support for larger (up to 4K) monitoring displays. This adjusts the DASDEC’s screen to match the user’s display, making better use of the available pixels.

Securing a Solid Foundation

DAS continually works to improve our products and stay ahead of constantly evolving security demands.

The better the security, the less likely the unit is to be compromised either directly or as an attack vector in a facility’s network. Since these devices need to be connected to the Internet to receive FEMA IPAWS alerts, they are much more vulnerable to attack or compromise.

The Version 6.0 series continues our efforts to enhance overall product quality with an ongoing focus on security.

Version 6.0 is installable on any DASDEC-III model.

At a minimum, the DASDEC-III device must be running software version 5.4 or higher to enable the upgrade.

Requires V6.0 Enabling Key to activate the user interface.

The standard installation requires an active Internet connection to connect to the Digital Alert System’s secure download server.

The optional Local Download Server Edition is available to customers wishing to install V6 within their own network. Contact support (support@digitalalertsystems.com) – for more information)

+1 585.765.2254 | +1 585.765.1155 | f +1 585.765.9330
100 Housel Avenue, Lyndonville, NY 14098
www.digitalalertsystems.com



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