![Digital Alert Systems logo]

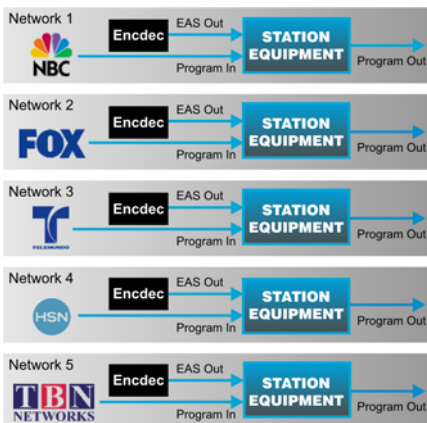**Significant cost savings over separate encoder-decoder units**

•

Saves power, space and operating costs

•

Simplifies installation & wiring, reducing long-term operational issues

•

E-mail "reminders" ensures equipment operation without constant monitoring

One DASDEC-II MultiStation provides complete simultaneous EAS coverage for up to 5 networks.

Without DASDEC MultiStation multiple network EAS coverage requires multiple complex and costly Endecs.

DASDEC™ MultiStation™ | Option
DASDEC-II | DASDEC-IR

Consolidating EAS for Local or Remote MultiCasting Environments

Digital broadcasting probably means you're transmitting more then one channel from a single location, or multicasting. This also means you're responsible for EAS on more than one channel. But is your equipment up to the task?
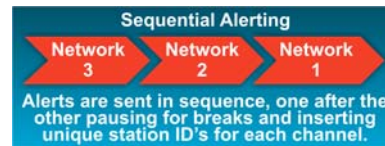
In the past handling EAS for multiple networks required dedicated equipment – one Encoder/Decoder for *each* station. This one-for-one relationship *was* the only way to ensure no errors, no step-on's, no missed or mismanaged breaks, and the only way to properly identifying a specific station ID when forwarding an EAS message. Add in the cost of each encoder-decoder, the wiring complexity, as well as having to manage multiple devices the rolls of paper, the clocks needing constant attention, and then trying to upgrade all those machines created an enormous challenge to any broadcaster

EAS in today's multi-channel, multi-cast, multi-requirement world

It's time to put the past behind you. The future of EAS is the DASDEC-II from Digital Alert Systems' the company who pioneered the concept of networked EAS with their unique EAS-Net™ and MultiStation™ options.

With a single DASDEC-II and the optional MultiStation software you have complete EAS compliance for up to 5 stations or streams[1] . Moreover, these channels can be co-located[2] – in the same physical location - or remotely connected – across town, across the state, even across the nation. (See *Centralcasting* below)

With MultiStation, EAS alerts are processed and forwarded either simultaneously to all channels, or sequentially, whichever suits the application. Simultaneous forwarding offers the greatest ease of use and economy but does not generally satisfy overall station requirements since the alert is output to ALL stations at the same time, possibly interrupting important news or a commercial. Moreover, it cannot provide individual station identification of the forwarded EAS message.
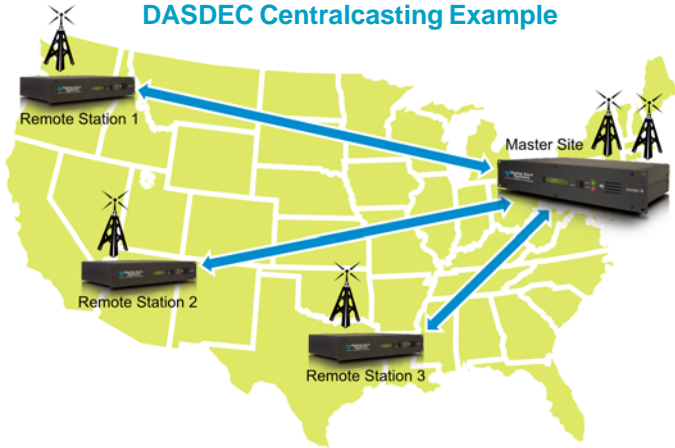

Sequential operation is perfectly suited for multicasting because it takes the EAS event, queues it for execution then forwards the message by individual station.

Using control signals to the DASDEC the station's automation system or master station's automation system or master an appropriate time[3], and then forward to minimize interruption. Having control at this level avoids costly or embarrassing program interruptions, and you won't miss any events since DASDEC's powerful multi-alert processing handles ALL incoming events. You'll never drop a message, because one's already in the queue.

Another unique MultiStation feature is the ability to use English, Spanish or both text translations per station as well as selectively replace the station ID as alerts are forwarded on each station, this way each station is properly identified – as if controlled by a separate encoder-decoder. And, under DASDEC-II MultiStation, it effectively is!

[1] Two versions are available; MultiStation-2 for two stations or MultiStation-5 for up to five stations
[2] Co-location implies any EAS events received are applicable to any station being broadcast from that facility.
[3] Note that most EAS messages have a 15-minute "window" in which they must be acted upon.

DASDEC Centralcasting Example

Centralcasting – EAS beyond local coverage

Broadcasting is no longer a simple regional concept. Consolidation, cost reductions, and the advent of centralcasting has proven today's broadcaster may have to deal with EAS issues hundred, if not thousands of miles away. MultiStation allows a combination of up to five co-located and/or remotely linked DASDEC-II Intelligent Remotes (IR) located anywhere and connected via an IP-network giving you the most complete and comprehensive EAS coverage available. PERIOD.

The DASDEC-IR is specifically configured for local or remote operation. By including the DAS3RAD internal radio and EAS-NET™ software options these distributed nodes receive local EAS messages, and communicate back to a host DASDEC for further processing. Since the DASDEC-IR is a fully functioning EAS decoder, it can process alerts independent of the host if the connection is lost or broken. To further showcase DASDEC's technical prowess, the audio from the radios can be streamed over the network, back to the host or to any properly config-ured browser. Add in one of the networked GPIO options and a DASDEC in Maine can receive, filter and process an EAS alert and control equipment in Arizona!

The DASDEC features a series of comprehensive e-mail tools to keep everyone up-to-date and aware. You can e-mail alert notifications for each decode, origination, and forwarded message. Additionally Event Reports, which show all received, originated and forwarded alerts from each DASDEC, can be sent on a weekly or monthly basis. Store and sort the files then print only when necessary. Compliance is complete without trying to manage multiple paper tape trails.

Putting it all together

Think about the cost savings – One DASDEC-II replacing 5 separate encoder/decoders. Think of the wiring, rack space, and power savings along with the ease in set up, operation and maintenance. When you think about it the DASDEC clearly wins on all counts. Contact your Digital Alert Systems representative today to learn how you can streamline and improve your EAS requirements. Don't wait. Call **585-765-1155** or visit **www.digitalalertsystems.com**.

Components

DASDCC-II	Digital Encoder-Decoder base unit.
DASDCC-IR	DASDEC Intelligent Remote.
DAS3RAD	DASDEC 3 Radio receiver module.
EAS-NET	DASDEC software option for EAS-data transmission over a TCP/IP network.
Multistation™-2	DASDEC software option for MultiStation/ Centralcasting operation of two (2) independent networks (requires DASDEC or DASDEC-II).
Multistation™-5	DASDEC software option for MultiStation/ Centralcasting operation of five (5) independent networks (requires DASDEC or DASDEC-II).

Configurations and requirements vary by site and may require additional components to properly work. Please contact your local Digital Alert Systems representative for a complete analysis and quotation.

Digital Alert Systems
A Division of Monroe Electronics

585-765-1155 | fax 585-765-9330
100 Housel Ave. | Lyndonville | NY | 14098
www.digitalalertsystems.com