

AdaptAlert™ EAS-2 Activation System

The AdaptAlert™ EAS-2 Activation System helps broadcasters, law enforcement and communities have better and more effective warnings.

The AdaptAlert EAS-2 Activation from Warning Systems, Inc. (WSI) gives broadcasters a low-cost add-on system that will enable an encoder/decoder to receive Common Alerting Protocol (CAP) messages and activate the Emergency Alert System (EAS). AdaptAlert enhances the broadcast station's alerting capabilities that result in a more reliable system with a clearer audio message for AMBER Alerts and other public safety or emergency warnings.

The WSI AdaptAlert EAS-2 Activation System is:

■ **Compliant and Field Tested**

AdaptAlert EAS has been successfully tested by FEMA and the Department of Homeland Security and was selected for the FEMA WARN1 and WARN2 pilot programs for installation in over 40 broadcast sites from 2006 to 2008. AdaptAlert EAS-2 is compliant with the CAP v1.2 USA IPAWS (EAS) Profile message format.

■ **Versatile**

In addition to activating the EAS from CAP messages, AdaptAlert EAS can be accessed from a web browser connected to the Internet, a local area network, or even through a direct connection if no network connection is available. An EAS audio message can be converted from text using the embedded Text-to-Speech (TTS) engine, or uploaded as a wave file on demand. The TTS software can play in an English or Spanish voice. Audio files can also be stored as a template for rehearsed scenarios or common events.

■ **Secure**

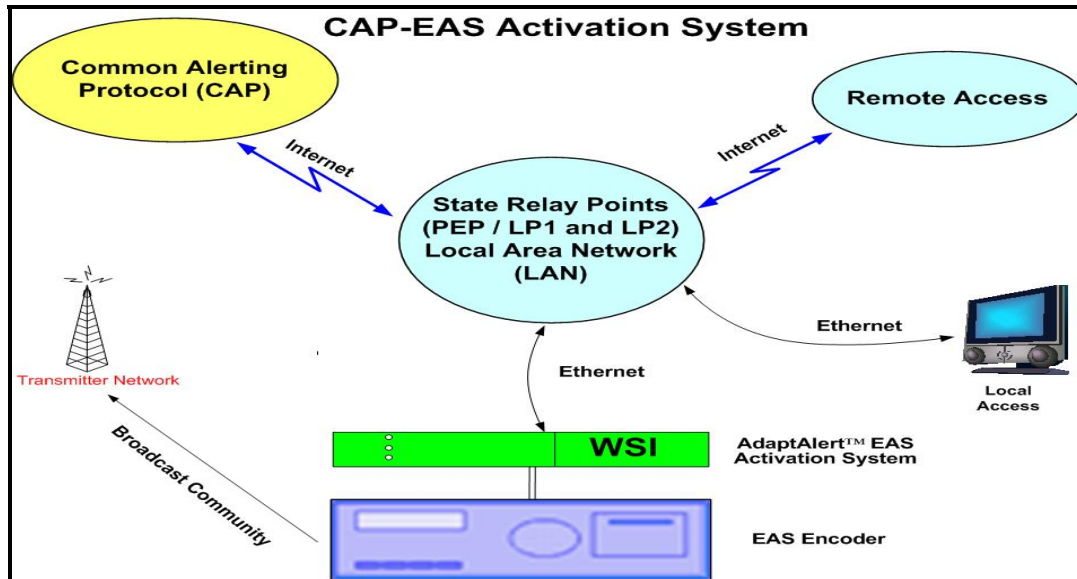
The AdaptAlert EAS-2 system is password protected and uses the highest available encryption (SSL 3.0). The system has three RJ-45 Ethernet interfaces but can also be configured for encrypted wireless networking. Additional security can be implemented using firewall rules.

■ **Built on Experience**

AdaptAlert EAS-2 delivers full CAP compliance from the people who developed CAP. WSI's CTO, Elysa Jones, chairs the OASIS Emergency Management Technical Committee – the group that produced the CAP standard and led the development of the CAP IPAWS Profile for DHS and FEMA.

Presidential Order for CAP alert messages

The Integrated Public Alert and Warning System (IPAWS) addresses Executive Order 13407, a mandate that ensures the President can rapidly and effectively issue warnings to the public over a broad range of communications devices, under any conditions. IPAWS will become the new national warning system; requiring radio and TV broadcast stations to be able to receive CAP IPAWS Profile messages into their EAS encoder/decoder units.



AdaptAlert™ EAS-2 Features:

- Enables broadcast stations to be geo-targeted
- Selected and listed in the FEMA Responder Knowledge Base (www.rkb.us)
- OASIS CAP v1.1 compliant (Evaluated by the National Incident Management System - Supporting Technologies Evaluation Program)
- OASIS CAP v1.2 USA IPAWS (EAS) Profile implemented and demonstrated interoperable
- Output alerts to TV Text Crawl generators using RS-232 serial cable connection
- Easy-to-use web interface
- Embedded Text-to-Speech (TTS) audio generation with either English or Spanish voices
- TTS audio preview, phonetic training and regional dialects capability
- Username / password protected security - SSL 3.0 & 128 bit encryption
- Time-stamped message logging and email notification of selected actions
- Polls for or can receive CAP messages from HTTP Post or Web Service
- Dynamic Domain Name Service (DDNS) (IP Address assigned)
- Wireless network capable - WEP or WPA encryption
- Satellite feed optional



Specifications:

- 1U rack size
- Dimensions: 17" W x 1.75" H x 8" D
- Weight: 3 lbs
- Power: 18VDC, 800mA – two wall power adapters included
- Three RJ-45 10/100 Mb Ethernet ports
- LED indicators for power, network and error/POST status
- Compact flash module for program and data storage



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