

D2Alert is the answer for inserting digital video from an Emergency Alert System (EAS) into all of the programs of your ATSC digital transport stream. The D2Alert system constantly monitors the EAS digital video signal and when a valid alert is found, it is automatically inserted into all of the configured programs until the alert is complete. Rest assured that with D2Alert, you can comply with FCC requirements and quickly inform your viewers in the event of an emergency.

D2Alert is an option that enables the D2Mux to detect an EAS digital video signal and insert it into the configured multiplex. The applications include traditional distribution systems where EAS is required and extends into any digital video channel where program insertion is needed.

Applications

Broadcast: Insert EAS signals in your primary and secondary channels to ensure that all of your viewers are informed.

Cable TV: Leverage a single digital EAS system across your digital plant with the power of D2Alert to automatically insert in any program.

IPTV: The power of D2Mux to stream over IP (TSoIP) is leveraged by D2Alert to insert on any MPEG-2 or 4 service in the transport stream.

Key Benefits

Easily be Compliant: Selectively insert nationwide and local alerts on the channels you want in order to provide the coverage you need in your local market.

Simplify and Save: Leverage your investment in digital EAS equipment across any channel in your digital transport stream. Using one Digital EAS encoder to generate an MPEG-2 or MPEG-4 EAS signal, D2Alert will automatically replicate and insert the stream into your desired programs.

Protect and Control: Easily configure which channels should receive the EAS alert and which channels should be left alone. With the power of D2Mux, you can set up your D2Alert system with confidence.

Features

- Automatically insert MPEG-2 SD/HD and MPEG-4 (AVC) SD/HD elementary streams into the configured multiplex.
- Select the desired digital EAS elements to be used for the insertion.
- Configure all or just a portion of the programs in the digital multiplex to switch to the EAS signal.
- Remapping of service and components of the inserted signal done to match the desired program output.
- Synchronization of data and video with PCR de-jittering and re-stamping done by D2Mux.
- Support for the Digital Alert Systems DASDEC-II Emergency Messaging Platform with automatic MPEG-2 or MPEG-4 insertion.

D2D Technologies

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