

# The **Text To Speech** Upgrade That Allows You To Cost Effectively Comply With The FCC's Weather Warning Mandate

## LIVE:WIRE™

### Giving You Lifesaving Speed And Full Compliance During Extreme Events

Effective May 2015, the FCC is "requiring the use of a secondary audio stream to convey televised emergency information aurally, when such information is conveyed visually during programming other than newscasts, for example, in an on-screen crawl."

#### Regulations also:

- Require that covered entities make an aural presentation of emergency information that is provided visually in non-newscast programming available on a secondary audio stream
- Continue to require the use of an aural tone to precede emergency information on the main program audio, and now also require use of the aural tone to precede emergency information on the secondary audio stream
- Permit, but do not require, the use of text-to-speech ("TTS") technologies as a method for providing an aural rendition of emergency information, and impose qualitative requirements if TTS is used
- Require that emergency information provided aurally on the secondary audio stream be conveyed at least twice in full
- Require that emergency information supersede all other programming on the secondary audio stream

(source: [https://apps.fcc.gov/edocs\\_public/attachmatch/FCC-13-45A1.pdf](https://apps.fcc.gov/edocs_public/attachmatch/FCC-13-45A1.pdf))

### LIVE:Wire Makes You Ready!

- Automatically generate text to speech (TTS) audio of the crawl message
  - Audio embedded in HDSDI (internal key) or sent as external AES audio (external key)
  - User selectable audio channels for TTS audio, as well as pre-crawl tones
  - Available PC speaker output to monitor audio playback
  - .wav file creation for playback on other devices
  - User selectable male or female voice
  - Available in Spanish
  - Custom dictionary for correct pronunciation of local cities and counties
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## Text to Speech FAQ



### How will the text to speech (TTS) feature work?

Any time a crawl is run, LIVE:Wire will create an audio file of the text contained within the crawl. This audio will playback every time the crawl is repeated, after the pre-crawl audio tones.

### How is the audio handled?

If the customer is keying internally, the audio will be inserted into the HDSDI video stream on the specific channels the customer chooses. The pre-crawl audio tones can also be inserted into specific channels, allowing the customer to have the pre-crawl audio on (for example) audio channels 1-2 and 7-8, while also inserting the TTS audio only into channels 7-8.

If the customer is keying externally, we will be providing a digital audio (AES) card that connects to the DVS card. This card will have a breakout cable with 4 XLR out connections, providing up to 8 channels of AES audio. The customer will have the ability to define what channels the audio is being sent to as described for internal keying.

### What voices will be available?

WSI will provide two voices - one male and one female.

### What languages will be available?

WSI will support both English and Spanish. Base package includes male and female voices in one language. Additional language package of two voices is available for an additional charge.

### Can the pronunciation of individual words be changed?

There is software included that allows the customer to change the pronunciation of individual words. We will provide a default dictionary with many common names and abbreviations added. The most likely reason the customer will want to use this is to change the pronunciation of local counties.

