

Auto Caption & Translation by Nextologies

LIVE CAPTION/SUBTITLE FOR BROADCAST TV

- Speech to Text
- Language Translation

BENEFITS:

- Attract more viewers locally and globally
- Support translation and caption insertion for all languages supported by Google AI speech recognition and translation engines (References 1, 2)
- SDI and compressed workflows
- Ease of use
- Managed services



Admite traducción y subtítulos inserción para todos los idiomas soportados por el reconocimiento de voz de Google AI

SIGNAL FLOWS:

- IP-IP
- SDI-IP
- SDI-SDI

PROCESSING PROPAGATION:

- High latency: 60 sec
 - accuracy: 95%
 - translation possible
- Low latency: 5 sec
 - 80% accuracy
 - within the same language



VIDEO STANDARDS SUPPORTED:

Video Standards

- 525i
- 625i/50
- 720p/59.94
- 720p/50
- 1080i/59.94
- 1080i/50
- 1080p/59.94
- 1080p/50

CC READY TO LAUNCH:

- English to English
- Spanish to English
- Spanish to Spanish
- English to Spanish
- Support any language that supports Google API translation

AUDIO SUPPORT SDI VIDEO:

Audio support

- PCM – 4 groups supported

AUDIO SUPPORT IP VIDEO:

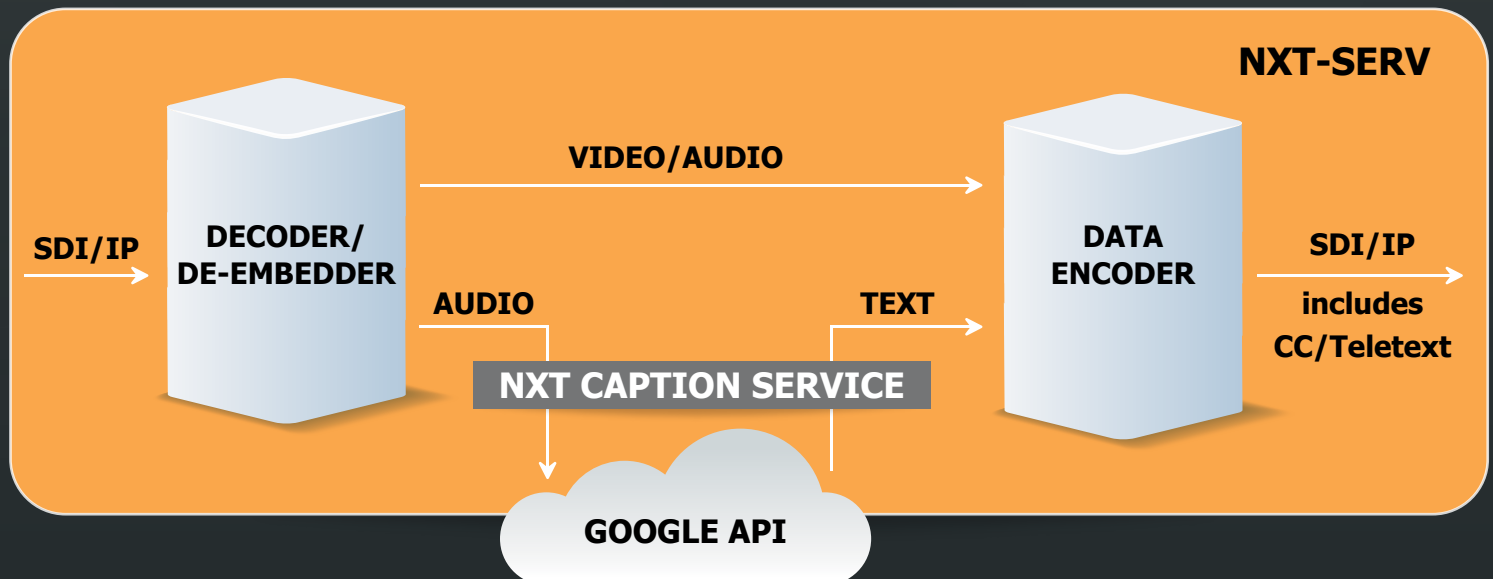
Compressed audio

- mpeg1L2
- AAC-LC
- HE-AAC
- AC3 2.0; 5.1
- MP3
- Opus

AUDIO CAPTION SUPPORTED:

Caption Standard

- CC608
- CC708



Coming soon:

- OP47/42
- Teletext Subtitle

References:

<https://cloud.google.com/speech-to-text/docs/languages>
<https://cloud.google.com/translate/docs/languages>