

Kaltura ASR captioning services overview

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 This article is designated for all users.

About

Kaltura's Automatic Speech Recognition (ASR) technology provides machine-generated captions for both live and on-demand content through the [Reach](#) framework.

This article outlines Kaltura's native ASR-based capabilities, including live ASR, language auto-detect for VOD, and dictionary support - available to customers using [Reach](#).

- To learn about general Reach services, see [Introduction to Reach captioning and enrichment services](#)
- For ordering instructions, see [Order captions](#) and [Order live captions and live translations](#).



Contact your Kaltura representative for enablement or configuration support.

Live ASR

Kaltura Live ASR provides automatic, real-time captions for live webcasts and events created through Kaltura. It's fully integrated with Reach, making it easy to request and manage live captions directly within the event workflow.

Highlights

- Integrated within the Reach live caption ordering flow
- Supports multiple spoken languages (availability may vary by account - contact your Kaltura representative for details)
- Can be rescheduled before event start
- Dictionary support for custom vocabulary

VOD ASR

For on-demand media, Kaltura VOD ASR can automatically detect the primary spoken language and generate captions in that language - no manual selection needed.

Highlights

- Simplifies captioning for multilingual video libraries
- Appears in the Captions & enrichment 'Languages' menu as **Auto-Detect**
- Ideal for single-language, non-English, audio tracks



- Detects one main language per video
- Mixed-language audio is not supported

Supported languages

The following languages are supported for VOD ASR with language auto-detect:

Arabic, Azerbaijani, Bosnian, Bulgarian, Catalan, Cantonese (CH/HK), Croatian, Czech, Danish, Dutch, English, Estonian, Filipino, Finnish, French, Galician, German, Greek, Hebrew, Hindi, Hungarian, Indonesian, Italian, Japanese, Korean, Latvian, Macedonian, Malay, Mandarin (CN), Mandarin (TW), Norwegian, Polish, Portuguese*, Romanian, Russian, Serbian, Slovak, Slovenian, Spanish, Swedish, Tamil, Thai, Turkish, Ukrainian, Vietnamese

*The system understands Brazilian Portuguese, but it isn't tagged separately. Anything in Brazilian or European Portuguese will just show up as 'Portuguese'.

Dictionary support

Kaltura's ASR services include optional dictionary support to improve recognition accuracy for brand names, acronyms, and domain-specific terms.

Highlights

- Available for both Live and VOD ASR
- Custom vocabulary improves word recognition accuracy
- Included with the captioning service, no extra setup needed



Dictionaries can't override standard spellings in supported languages.