



Speech Translation

Translate Spoken Audio into Text - Across Indian and Global Languages

Convert speech into translated text in real time or in batches - with API access, real-time testing, and full control using JioCloud Speech Translation Service.

The Challenge

- Spoken audio in Indian languages often needs translation into English or other Indian languages for operations, support, and documentation - but current solutions are unreliable.
- Most tools are not optimised for Indian accents or dialects, and struggle with code-mixed or spoken inputs.
- Developers face barriers like lack of preview, unclear billing, and rigid provisioning - slowing down adoption.
- Manual workflows for speech translation are slow, error-prone, and expensive - making it hard to scale.



The JioCloud Solution

JioCloud Speech Translation Service enables real-time or batch conversion of spoken audio into translated text – across Indian and English language pairs.

At the core is a multistage AI pipeline that first transcribes speech with high accuracy, then translates the text using models tuned for Indian languages. The system handles mixed-language input, regional accents, and context-sensitive phrasing – making it practical for real-world use.

You can upload samples, preview results in a live playground, and integrate the service via secure REST APIs. Everything is managed through a self-service dashboard, with usage-based pricing and real-time visibility into consumption.

It's a scalable, developer-friendly way to automate speech translation – without the complexity of stitching together separate tools.

Key Features

- **Indian language coverage**
Translate speech between Hindi, Tamil, Bengali, Telugu, Kannada, Marathi, Assamese, Oriya, and English – in either direction.
- **Multistage AI pipeline**
Combines speech recognition and machine translation – tuned for Indian phonetics and context.
- **Real-time or batch mode**
Use for live call translation or process recorded files as needed.
- **Web-based playground**
Test voice samples, preview translated output, and validate language handling before integration.
- **API-based integration**
Secure REST endpoints make it easy to embed speech translation into apps, IVRs, CRMs, or learning platforms.
- **Self-service management**
Provision, pause, scale, or delete services instantly from the dashboard.
- **Transparent billing**
Pay per audio minute and translation output – with real-time tracking and credit-based controls.



What You Gain

- Accurate speech-to-text and language translation in one integrated workflow.
- Support for Indian languages, accents, and dialects with high reliability.
- Faster rollout of multilingual support across call centers, apps, and platforms.
- Preview results before deployment using a live testing environment.
- Self-service provisioning and billing visibility – no support tickets needed.
- Scalable translation with no upfront licensing or infrastructure cost.



Use Cases in Action

Live call translation for contact centres

Support agents handle calls in regional languages like Hindi or Tamil. Translated transcripts in English appear in real time – enabling faster support without needing region-specific staffing.

EdTech course localisation

Online platforms can translate English lectures into Indian languages – for example, translating spoken lectures into Bengali or Tamil for regional

Speech translation for government and legal compliance

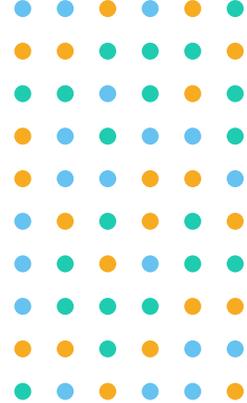
Public helplines and grievance portals can log calls received in local languages as translated English transcripts – ensuring traceability, consistency, and compliance.

Ideal for

- Call centres and multilingual support teams.
- EdTech and eLearning platforms localising audio content.
- Government portals handling citizen voice inputs.
- Legal and compliance teams managing multilingual evidence.
- Developers building multilingual or voice-first applications.

Why JioCloud

- **India-focused language expertise**
Designed specifically to handle Indian languages, code-mixed speech, and accent diversity.
- **Live testing before deployment**
Use the web playground to test transcription and translation together—using your real data.
- **API-first integration**
Plug into your apps, bots, IVRs, or platforms with minimal setup effort.
- **Full self-service control**
Provision, manage, and scale services instantly without external support.
- **Transparent pricing and usage visibility**
Track translation output and audio minutes with real-time billing controls and credit limits.



Start Translating Smarter with JioCloud

Reach us at jpl.cloudsales@ril.com or visit our (website) to get started with JioCloud Speech Translation Service.

