

# Document Translation

## Overview

JioCloud Document Translation enables fast, file-based and text-based translation between English and Indian languages—all accessible through an API-first platform with live testing and full operational control. With support for multiple formats like plain text, PDF, and Word, teams can translate high volumes of content with structure preserved. Integration is simple with REST APIs and a self-service portal that helps you test, scale, and monitor usage efficiently.

## Key Features

- **Indian language support**  
Translate to and from Hindi, Tamil, Telugu, Bengali, Marathi, Kannada, Malayalam, and more.
- **Text and file-based translation**  
Translate directly via input text or upload documents for seamless processing.
- **RESTful API integration**  
Embed translation into internal portals, chatbots, or backend workflows.
- **Web playground for testing**  
Preview translations instantly before deployment.
- **Self-service operations**  
Manage users, monitor usage, and add credits from a unified console.
- **Character-level billing**  
Pay only for what you use, with quota alerts and usage insights.

# Benefits

- **Faster multilingual content delivery**  
Process large volumes of regional content without delays or bottlenecks.
- **24x7 translation at scale**  
Remove manual dependency with automated, always-on translation.
- **Improved regional reach**  
Translate user-facing documents and communications with local accuracy.
- **Structure-preserving output**  
Maintain document layout and format for easy reuse.
- **Built for India's language landscape**  
Handle tone, code-mixing, and region-specific vocabulary with precision.

## Supported Extensions

- docx, pptx, xlsx, pdf, htm / html, txt, odt, ott, ods, ots, odp, otp, xhtml, ttx, mif, idml, icml, dita, tsv, xml, dtd, json, yaml, properties, resx, strings, srt, Wix, csv, xlsx.

## File Size

File Size	Extension
10 MB	.docx, .pptx, .xlsx, .pdf, .odt, .ott, .ods, .ots, .odp, .otp
5 MB	.html, .htm, .xhtml, .ttx, .mif, .idml, .icml, .dita, .tsv, .xml, .dtd, .json, .yaml, .properties, .resx, .strings, .srt, .wix
1 MB	.txt, .csv

## Supported Language

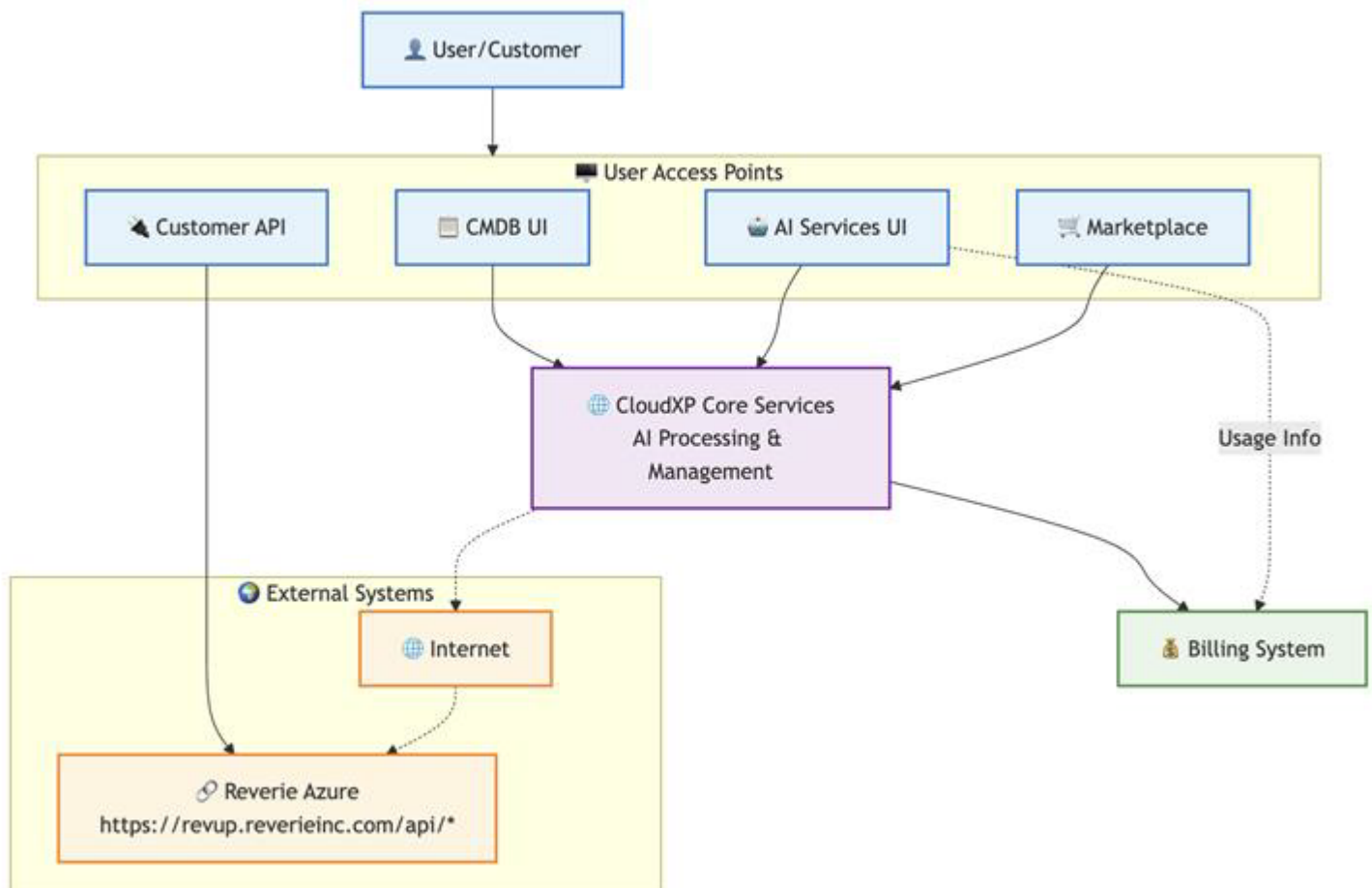
Language	Support
Hindi	Hindi ↔ English
English	English ↔ Other
Assamese	Assamese ↔ English
Bengali	Bengali ↔ English
Gujarati	Gujarati ↔ English
Kannada	Kannada ↔ English
Konkani	Konkani ↔ English
Malayalam	Malayalam ↔ English

Language	Support
Marathi	Marathi ↔ English
Maithili	Maithili ↔ English
Odia	Odia ↔ English
Punjabi	Punjabi ↔ English
Tamil	Tamil ↔ English
Telugu	Telugu ↔ English
Nepali	Nepali ↔ English
Urdu	Urdu ↔ English

## Technical Specifications

Category	Details
Input Format	Image, PDF (text-based)
Output Format	Text in case of Image and doc in case of PDF
Access Protocol	REST API over HTTPS
Authentication	Bearer Token
Max word Count	10000
Average Latency	
Rate Limiting	Tier-based; adjustable quotas available
Web Playground	Upload Translate Download in browser
Deployment Model	Fully managed SaaS
Billing Model	Per-character usage-based pricing
Security	HTTPS; no file or data storage

## Architecture Diagram



## Use Cases

- **Government e-services**  
Departments translate citizen-submitted forms and petitions into English for verification or replies in the local language. Automation ensures faster service delivery with reduced human effort.
- **Banking and insurance**  
Customer documents such as forms and declarations in Marathi or Tamil are automatically translated to English for centralised processing and compliance.
- **Legal and judicial systems**  
Court orders in English are translated to local languages for public access, while petitions in regional languages are converted to English for case processing.