Transliteration
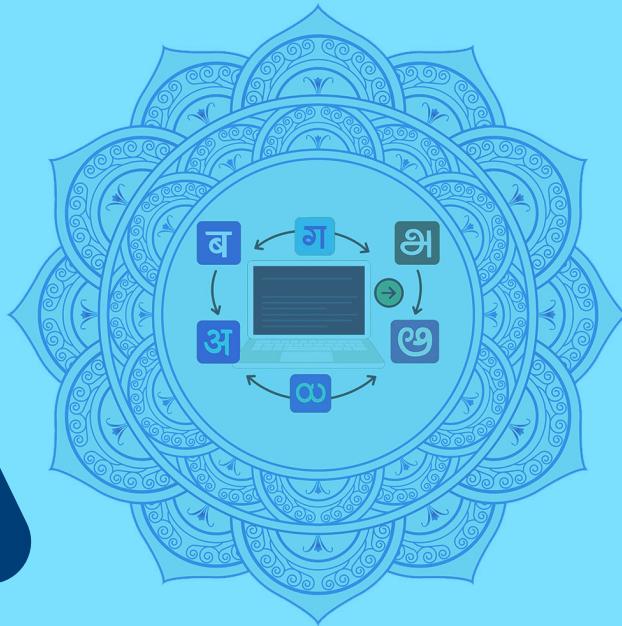

Overview

JioCloud Transliteration provides accurate, phonetic conversion between Latin and native Indian scripts, such as turning "namaste" into नमस्ते, নমস্তে, నమస్తే and more. Designed for real-time interfaces like forms, chats, and search bars, it supports multilingual coverage, instant preview, and developer-friendly APIs with full operational control.

Key Features

- **Pan-Indian language coverage**
  Converts text between native scripts (e.g., **"नमस्ते"**) and Romanised form (e.g., "namaste") with high phonetic accuracy.

- **Bidirectional transliteration**
  Supports both Latin-to-native and native-to-Latin conversion.

- **Real-time typing and search optimisation**
  Enables instant script rendering as users type phonetically.

- **Live web playground**
  Test transliteration output across scripts before integration.

- **REST API for easy integration**
  Embed in search fields, keyboards, CMSs, chatbots, or IVR systems.

- **Provision, scale, delete–instantly**
  Self-serve lifecycle control without support dependency.

- **Transparent, character-based billing**
  Pay per character with usage visibility and credit alerts.

Benefits

- Deliver native script input for regional users without training.

- Improve search relevance by normalizing user queries.

- Reduce manual errors in data entry and verification.

- Embed easily into apps, portals, and bots via lightweight APIs.

- Validate quality before rollout with instant previews.

- Scale on demand, no setup costs or infrastructure lock-in.

Supported Language

Category	Details
Hindi	Roman↔Native
Bengali	Roman↔Native
Tamil	Roman↔Native
Telugu	Roman↔Native
Kannada	Roman↔Native
Malayalam	Roman↔Native
Marathi	Roman↔Native

Category	Details
Gujarati	Roman↔Native
Punjabi	Roman↔Native
Odia	Roman↔Native
Assamese	Roman↔Native
Urdu	Roman↔Native
Sanskrit	Roman↔Native
Konkani	Roman↔Native
Dogri	Roman↔Native

Category	Details
Manipuri	Roman↔Native
Bodo	Roman↔Native
Santali	Roman↔Native
Kashmiri	Roman↔Native
Maithili	Roman↔Native
Sindhi	Roman↔Native
Nepali	Roman↔Native
English	Roman↔Native

Technical Specifications

Category	Details
Conversion Type	Script-to-script (Romanized → Native script)
Input Format	UTF-8 encoded plain text
Output Format	Plain text (UTF-8)
Supported Languages	Major Indian languages + English
Access Protocol	REST API over HTTPS
Authentication	Bearer Token
Response Format	JSON (includes transliterated output)
Average Latency	739.8 ms
Rate Limiting	Tier-based quotas with adjustable limits
Web Playground	Browser-based UI for live testing and validation
Deployment Model	Fully managed SaaS
Billing Model	Character-based usage billing
Security	End-to-end encryption; no input/output retention

JioCloud

User/Customer

User Access Points

Customer API | CMDB UI | AI Services UI | Marketplace

CloudXP Core Services
AI Processing &
Management

Usage Info

External Systems

Internet

Billing System

Reverie Azure
https://revup.reverieinc.com/api/*
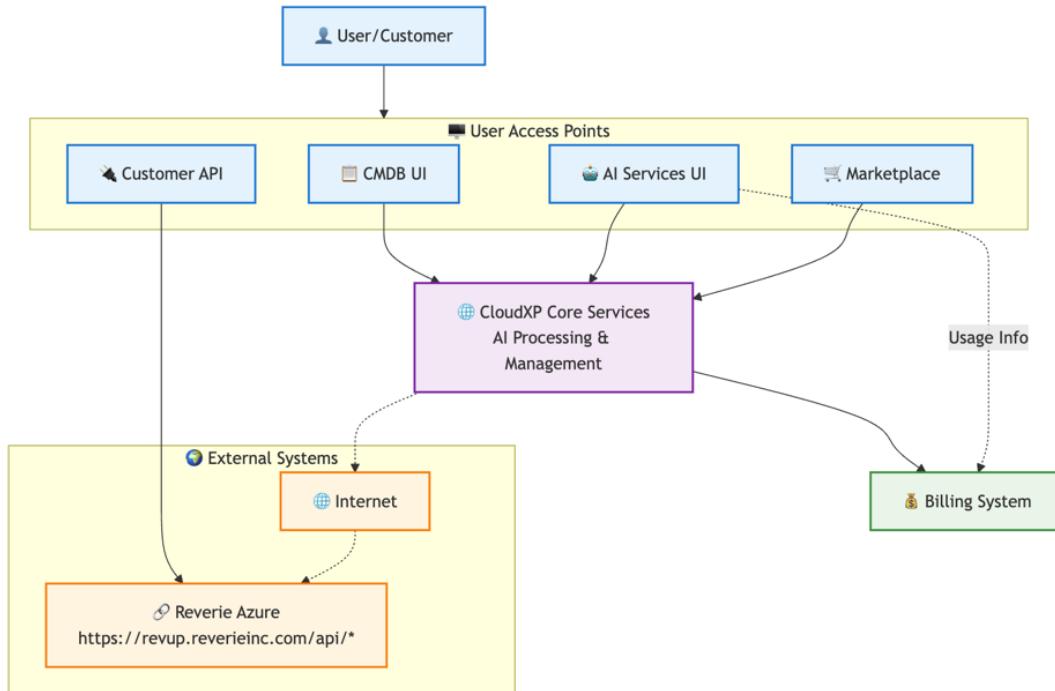
Use Cases

- **E-commerce search normalization**
  Convert Latin-script queries like "sadi" into native script to match backend metadata and improve search results.

- **Government form alignment**
  Auto-convert user inputs to native script for consistency with official documents like Aadhaar or voter ID.

- **Chatbot input accuracy**
  Normalise Latin-script messages in regional languages to boost NLP understanding and response quality.