

PII Redaction

Overview

JioCloud PII Redaction Service helps you detect and mask sensitive information across multiple languages—automatically and accurately. It works on real-world content, whether formal or informal, structured, or free flowing. You can test redaction on your own inputs before going live, plug it into your systems through secure APIs, and manage everything yourself through a clean, self-service dashboard. It's built to make privacy protection simple, reliable, and scalable—right out of the box.

Key Features

- **Entity-wise detection and redaction**
Auto redacts person names, phone numbers, emails, addresses, organisations, currency amounts, dates, and more.
- **Multilingual capability**
Supports Hindi, Tamil, Bengali, Telugu, Kannada, Marathi, and English, including code-mixed and informal expressions.
- **Works with unstructured text**
Handles freeform inputs, like chats, emails, reviews, notes, and semi-structured content.
- **Real-time playground**
Test redaction live before deploying—validate how PII is masked across use cases.
- **Plug-and-play APIs**
RESTful integration with chatbots, support systems, CRMs, moderation tools, and more.
- **Flexible, usage-based pricing**
Pay as you go based on volume processed. Set credit thresholds and track usage in real time.

Benefits

- Auto detect and redact PII across Indian and English language content.
- Reduce manual redaction effort and avoid costly human error.
- Ensure DPDP and GDPR compliance across feedback, chat, and document workflows.
- Protect user identity in public-facing content like reviews or forums.
- Test before deploying with live redaction previews.
- Scale securely with transparent billing and full lifecycle control.

Supported Language

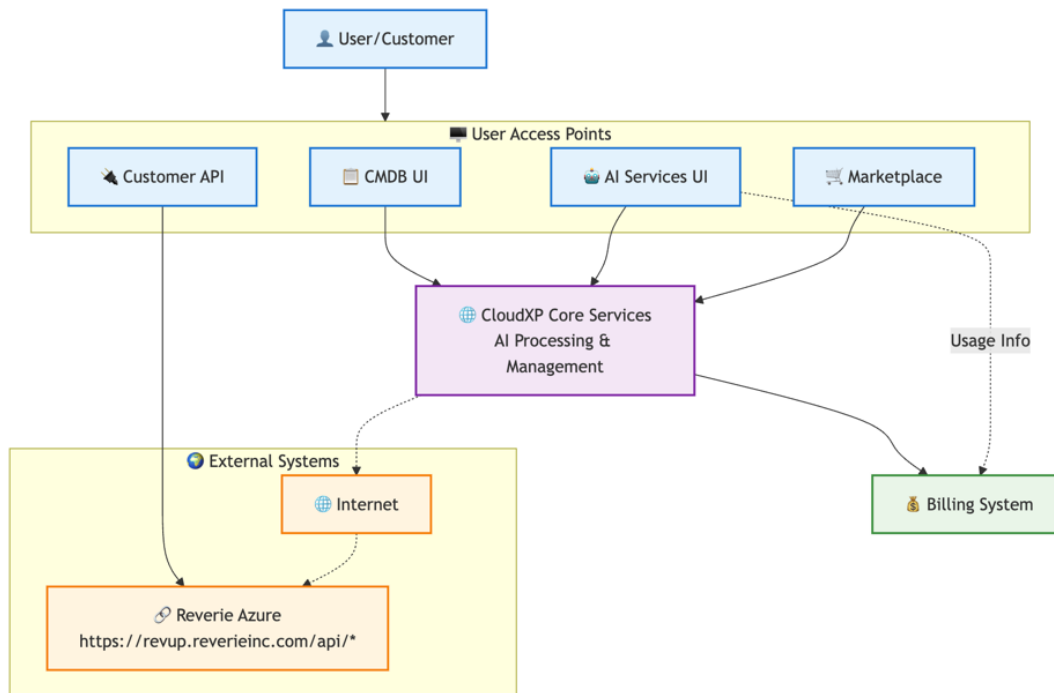
Language	Support Type
Hindi	Full
Bengali	Full
Tamil	Full
Telugu	Full
Kannada	Full
Malayalam	Full

Language	Support Type
Marathi	Full
Gujarati	Full
Punjabi	Full
Odia	Full
Assamese	Full
English	Full

Technical Specifications

Category	Details
Detection Types	Names, Phone Numbers, Addresses, IDs (e.g., Aadhaar),
Redaction Modes	Emails
Input Format	Masking, Replacement, Removal
Output Format	UTF-8 encoded plain text
Access Protocol	JSON with redacted text and original entity metadata
Authentication	REST API over HTTPS
Average Latency	Bearer Token
Rate Limiting	201.5 ms
Web Playground	Tier-based; adjustable per plan
Deployment Model	Real-time demo interface for text redaction
Billing Model	Fully managed SaaS
Security	Consumption-based (per character)

Architecture Diagram



Use Cases

- Banking and financial services**
 Auto redact PII from loan applications, emails, and support tickets written in regional languages or informal scripts—ensuring compliance without slowing down operations.
- E-commerce feedback sanitization**
 Scan customer reviews, product questions, or seller feedback for personal data—and redact it before publishing, to prevent accidental exposure.
- Customer support and chatbots**
 Protect user data in real time by masking names, contact details, and order information before storing or analysing multilingual chat logs.
- Healthcare and Insurance**
 Anonymise patient details in prescriptions, lab reports, and claims for secure sharing across departments or partners—without compromising compliance.