



INTERNET PAYMENT GATEWAY

Overview

Payaxis- Internet Payment Gateway allows acquiring institutions to setup internet acquiring business. Payment Gateway's core functionality involves provision of secure connection of information between a bank/merchant portal and a payment portal. The payment portal facilitates payments through a website, IVR or a mobile phone for a card not present transaction.

Our unique features allows the large acquirers to add partner banks (under scheme status) and enable them to onboard merchants based on their individual risk profile. The enriched feature set allows the acquiring banks to develop multi-tier commercial model. This enables merchant portfolio build up based on target segment of the institution. Acquiring institution may decide to enable certain segment to member institution for acquiring and share the returns with the member.

Security & fraud protection features are of special focus on the product roadmap. Payaxis has gone through rigorous penetration testing not only in-house but also at client side. The user information is acquired, encrypted and stored in Payaxis and is not visible to banks or merchants, ensuring maximum security. The product is laced with industry standard technologies that can combat suspicious or malicious activities. TPS products, including Payaxis, are developed according to PCI DSS standard compliance guidelines.

Hashtag Payments

The Social Media payments module for Facebook and Twitter payments enables merchants to market their products on Facebook and Twitter and receive payments using the same platforms.

Portals In Payaxis

There are three different portals available in Payaxis:

- Customer Portal – a dedicated portal for Payaxis customers to view transaction history, manage disputes and several accounts.
- Merchant Portal – Settlement fee account, dispute dashboard, merchant activities and some other features are manageable using this portal, developed exclusively for merchants.
- Member Bank Portal – A member portal can accept/reject customer registration request, enable settlement exports and manage member banks swiftly.
- Scheme Portal (BackOffice) – A portal owned by the scheme where Payaxis is deployed to control and manage all other portals.

Available Modes Of Payment

Payaxis offers a total of four modes of payment to its customers including:

a. CARD

There are two possibilities for payments through card:

- Via Debit Card
- Via Credit Card

In case of debit card, the issuer bank will authorize the given information. Credit card requests will be directed towards the respective payment network, for example MasterCard, VISA, etc. which in turn will get the authorization from Issuing bank.

Features at a Glance

- Multi-Channel Payments
- Customer Portal
- Merchant Portal
- Settlement Profiles
- Integrates with payment processors (VISA/MasterCard)
- Cut-Off Cycles Management
- Hashtag Payments
- Master Switch Control
- Multiple Payment Methods
- Dispute Management



b. INTERNET BANKING

Customers who intend to pay through internet banking redirected to their registered bank's secure environment.

c. OVER-THE-COUNTER

This feature facilitates the unbanked customers to use banking touch points (branches, agent network) for over the counter transaction. When selected OTC option at checkout stage of shopping, the customer is provided a voucher number on the designated mobile number. Using the voucher code, the customer pays cash over the counter to confirm his payment.

d. MWALLET

Mobile Wallets are typically closed loop accounts issued to customers with USSD or SMS interface. Upon checkout the customer is promoted for a PIN confirmation over USSD or SMS for a successful transaction completion. Typically low value transactions are enabled for Mobile wallets over USSD.

Dispute Management – The Escrow Advantage

Escrow Advantage is one of the most innovative features that Payaxis offers to its registered customers, utilizing which a customer can raise disputes over goods not being delivered, not meeting quality standards, late delivery, etc. and can also link pictures and attachments as evidence. The payment a customer makes falls directly into a pool account and once the grace period for raising dispute lapses, the money is transferred to the merchant. If the merchant doesn't agree with the customer over a dispute, the central scheme or bank will then resolve the matter based on the terms of purchase accepted by customer.

Comprehensive Backoffice Management

BackOffice supports easy addition of banks and merchants into the system. Some operational features supported by Payaxis BackOffice are:

- Alerts Management – assists BackOffice users to view and resend emails
- Authorization Mode Management – assists in building credential mechanism to be linked with BINs supported by banks

TPS Advantage

TPS is a leading provider of cards and payment solutions trusted by over 130 customers spread across 30+ countries including Asia and Africa with increasing footprint across other regions. Our solutions focused on mobility and reliable services enable banks, telecoms, central banks, payment processors, national switches and other institutions in their mission critical digital banking, cards and payments services.

TPS offers a combination of technical and business expertise in the area of card management, prepaid cards, multi-channel issuing and acquiring, payment processing, alternate delivery channel management, bills payment gateway and processing, remittance hub and processing, payment gateways and internet & mobile banking. From inception through design and implementation to upgrades and support, TPS stays committed to the entire project lifecycle and beyond.

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- Fee Profile Management – assists in creating fee profiles for the deduction of payments
- Reversal Service – assists in the reversal of payments
- Reports including BackOffice Activity, Customer Activity, Transaction Detail and Summary

Merchants can view transaction levels, manage user roles and generate various reports. They can also block banks and card types depending upon their business needs and requirements. Similarly, banks can also manage transactions levels, user roles, settlement profiles, BIN, report generation and blocking of merchants.

Risk Management

Merchants can limit the transactions based on value of transaction, number of transactions and frequency. Banks can limit the transactions based on BIN, Merchant category Code, Card Number, specific merchants and hence manage the risk exposures.

MIS And Analytics

Merchants and Acquirers can generate business performance, reconciliation and transaction wise reports based on multiple frequencies.