FSS
POWERING
PAYMENTS

FSS Prepaid

Globally Leading, Scalable
Card Management System

Across markets prepaid cards are a popular payment instrument, catering to a diversity of customers and needs. Issuers need to constantly anticipate and launch new products to stay ahead of the customer demand curve as well as manage regulatory compliances and requirements.
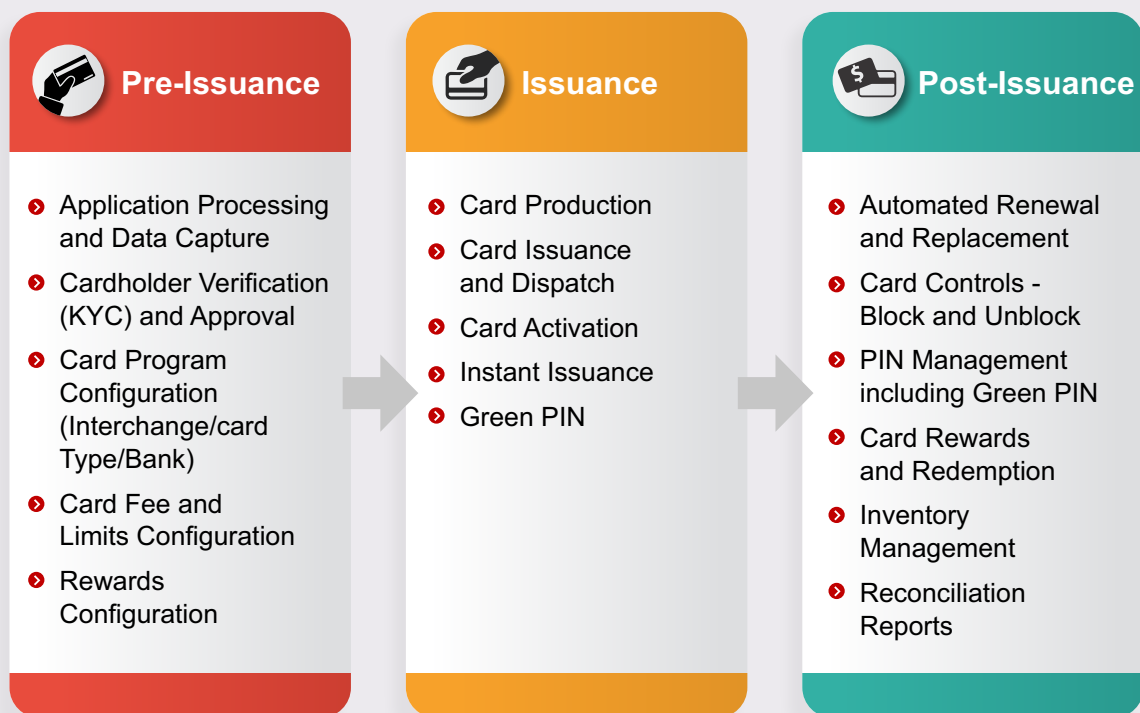
The ability to successfully meet these demands is dependent on having the right underlying infrastructure to efficiently manage card operations. The ability to select the right partner is critical to ensuring the issuer's card programs are cost-effective as well as tailored to the needs of customers.
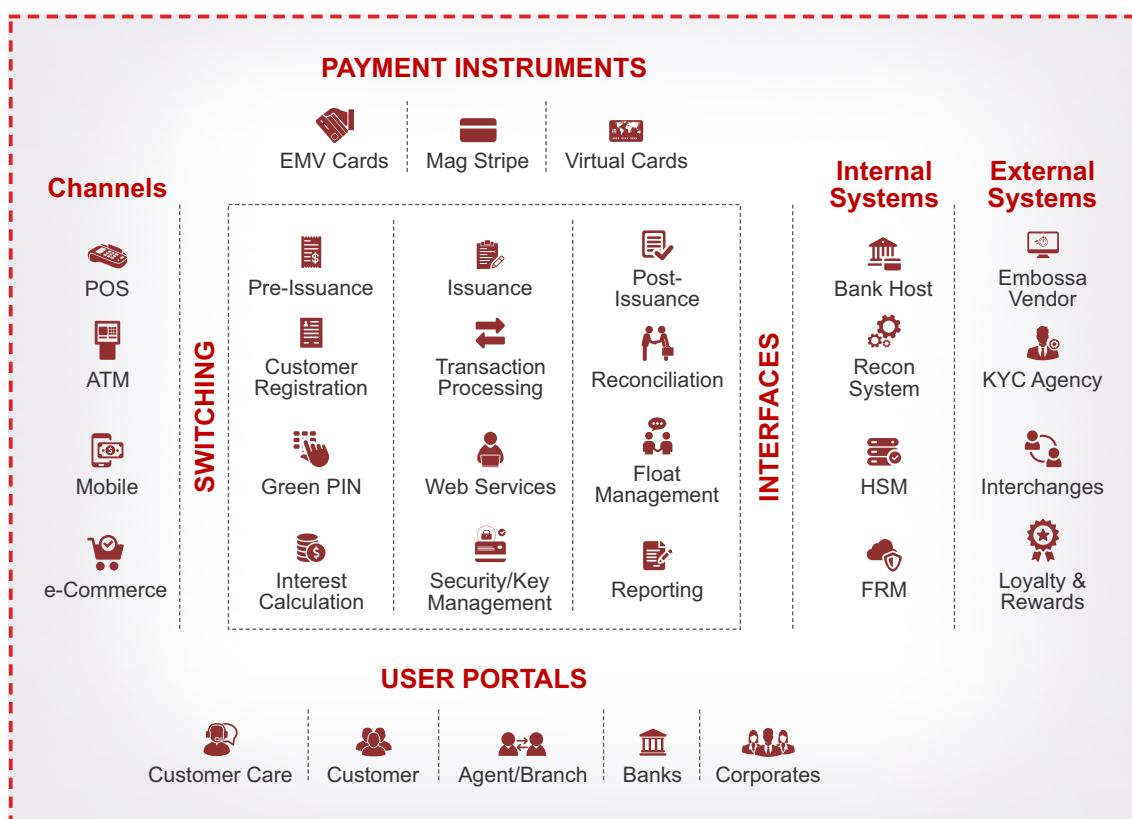
How FSS Prepaid Can Help?

FSS Prepaid benefits from the company's experience of serving leading issuers globally. We power card operations for 25+ financial institutions and have issued 800M cards until date. Designed to manage the complete lifecycle of cards, FSS' Prepaid functionality spans the complete gamut of issuing capabilities to help banks efficiently manage their card portfolios. The system supports registration, verification, card issuance, profile and card data management, card lifecycle management, as well as administration and reporting. FSS Prepaid has the capability to support:

- Open-loop and closed-loop card programs
- EMV, magnetic stripe and virtual cards
- Visa, MasterCard
- Multiple purse and multiple currency cards

The system is designed to help issuers go-to-market rapidly, ensuring high program adoption and customer acquisition.

Pre-Issuance

- Application Processing and Data Capture
- Cardholder Verification (KYC) and Approval
- Card Program Configuration (Interchange/card Type/Bank)
- Card Fee and Limits Configuration
- Rewards Configuration

Issuance

- Card Production
- Card Issuance and Dispatch
- Card Activation
- Instant Issuance
- Green PIN

Post-Issuance

- Automated Renewal and Replacement
- Card Controls - Block and Unblock
- PIN Management including Green PIN
- Card Rewards and Redemption
- Inventory Management
- Reconciliation Reports

FSS Prepaid

PAYMENT INSTRUMENTS

EMV Cards | Mag Stripe | Virtual Cards

Channels
- POS
- ATM
- Mobile
- e-Commerce

SWITCHING

Pre-Issuance	Issuance	Post-Issuance
Customer Registration	Transaction Processing	Reconciliation
Green PIN	Web Services	Float Management
Interest Calculation	Security/Key Management	Reporting

INTERFACES

Internal Systems
- Bank Host
- Recon System
- HSM
- FRM

External Systems
- Embossa Vendor
- KYC Agency
- Interchanges
- Loyalty & Rewards

USER PORTALS

Customer Care | Customer | Agent/Branch | Banks | Corporates

Single Card System - Multiple Uses

FSS Prepaid supports parameterization of critical business functions to provide complete flexibility for users to launch new products and swiftly respond to evolving business trends. Banks can launch a variety of card products tailored to the needs of multiple sub-segments.

With FSS Prepaid, issuers can set up differential fee, top-up limits, set up channel rules and transaction thresholds to easily customize offerings across market segments.

Further, the configuration flexibility built into the business logic layer allows us to rapidly adapt systems to variations in business practices, regulatory requirements and operating environments across regions. This helps reduce costs of interfacing to country-specific processing, payment schemes, credit scoring.

Multi-Channel Enrolment

FSS Prepaid supports assisted and self-service channels for customer registration. The system is channel-agnostic and enrolment channels can be activated basis issuer and regulatory requirements.

End-to-End Transaction Processing

FSS Prepaid supports transaction processing for EMV and non-EMV cards. The system performs authentication and authorization functions, which eliminates the need for transactions to be routed to a separate EFT switch for customer PIN validation.

Multi-Currency Support

FSS Prepaid built-in multi-currency functionality supports all global currencies. Issuers have the flexibility to enable currencies of their choice as well as configure mark-up for prepaid products. The built-in multi-currency module improves margins on mark-up for financial institutions, as currency conversion is handled locally rather than by the interchanges.

Rule-Based Transaction Controls

FSS Prepaid allows issuers to flexibly define transaction rules - value, volume and velocity limits - based on a range of parameters to prevent suspicious transactions and maintain service integrity. The parameters include:

- Card type
- Time of day, week or year
- Currency
- Transaction type
- Channel - ATM, POS and online
- Country

Connect Web Services Layer

FSS Prepaid Connect, a web services API layer, exposes a broad range of APIs for seamless integration with third party applications. This includes pre-issuance, issuance and post-issuance transaction processing to ensure rapid integration with external systems. As an example, third party Wallet Apps can consume APIs exposed by FSS Prepaid to provide wallet functionality to end-customers.

Simplified Service Management

FSS Prepaid simplifies services administration and management, and advances operational efficiency by enabling availability of frequently used functions over intuitive user portals - agents, branches, customers, corporates and customer care. Based on profile and access privileges, users can raise and track routine support requests. For instance, branches and agents can place orders for inventory replenishment, view transaction reports while customers can manage prepaid accounts.

Delight and Reward Customers

Card issuers can ramp up their card products with rewards and benefits program, designed to bring measurable changes in cardholder usage and spending patterns. FSS Prepaid can interface with third-party programs or card program managers to flexibly define and manage the complete lifecycle of a loyalty program. Issuers benefit in terms of expanded pool of active cardholders, lowered acquisition costs and improved card program profitability.

Dashboards for Improved Decisioning

Customizable system, operational inventory, transactional reports aid issuers with day-to-day business decisioning and planning. The reporting module provides issuers the complete flexibility to define periodicity and types of reports based on user profile.

Optional Lightweight CBS

FSS Prepaid has an optional built-in lightweight Core Banking System module that helps offload traffic from the CBS. This results in significant savings for the issuer.

Transforming Card Operations for Leading Providers

FSS has extensive experience in successfully implementing greenfield installations as well as large-scale replacement projects.

- FSS is working with a leading issuer in Africa to manage credit transfers to low-income individuals. FSS rolled out the solution within a record 21 days, benefitting 17.5M low-income beneficiaries, who depend on the government grant for meeting basic needs

- On our largest migration project for a large Asian Bank, we have successfully migrated data of 200M cardholders enabling them to move away from legacy deployments and ramp-up operations

- FSS Prepaid powers issuance for the second largest prepaid processor in the US

Benefits FSS Delivers

Improves Revenues

- Improves adoption of new card programs by aligning them to customer needs
- Drives higher transaction volumes by allowing issuers to offer incentives on spends

Rationalizes Opex and Capex

- Integrated system for prepaid and switching lowers IT footprint and transaction costs. Ability to scale, to manage high processing throughput minimizes hardware-related Capex overheads
- Support for multi-institution SAAS-ready deployments translates into zero Capex for banks
- Offloads traffic reducing cost of switcing
- Outsourced card operations rationalize Opex

Improves Time to Market

- Flexible rule-based workflows allow banks to proactively configure and rollout card programs within a few minutes
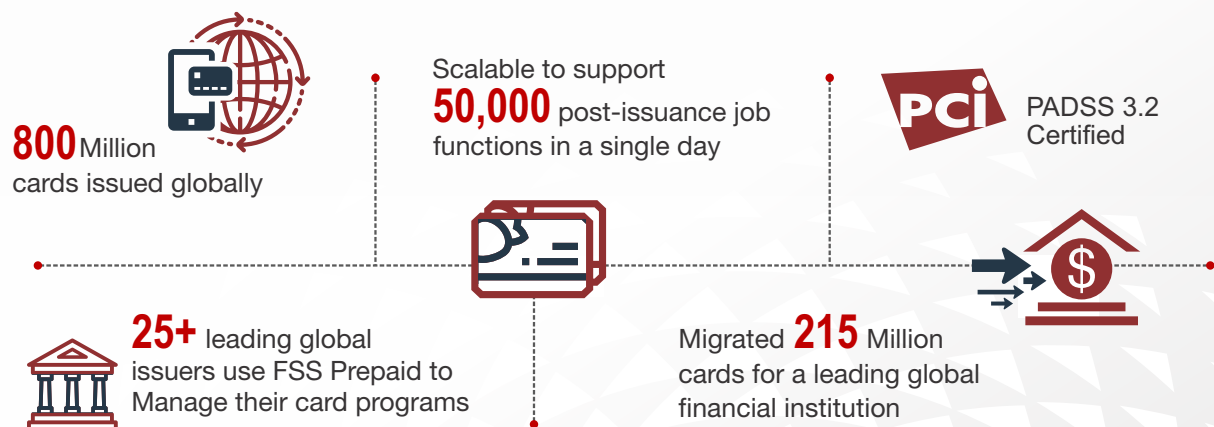
Reliable Card Operations

- Guarantees high uptime, ensuring issuers meet customer requirements for anywhere, anytime payments
- PADSS 3.2 certification minimizes incidence fraud and future-proofs transactions

Flexible Commercial Models

- Supports a range of flexible commercial options, designed to offer the best TCO to issuers. Banks can opt for Capex-based or Opex-based delivery models. In addition, FSS can assume turnkey responsibility for the complete lifecycle management of card programs including branding, issuance, processing and servicing, allowing banks to variabalise costs

FSS Credentials

800 Million cards issued globally

Scalable to support **50,000** post-issuance job functions in a single day

PCi PADSS 3.2 Certified

25+ leading global issuers use FSS Prepaid to Manage their card programs

Migrated **215** Million cards for a leading global financial institution