



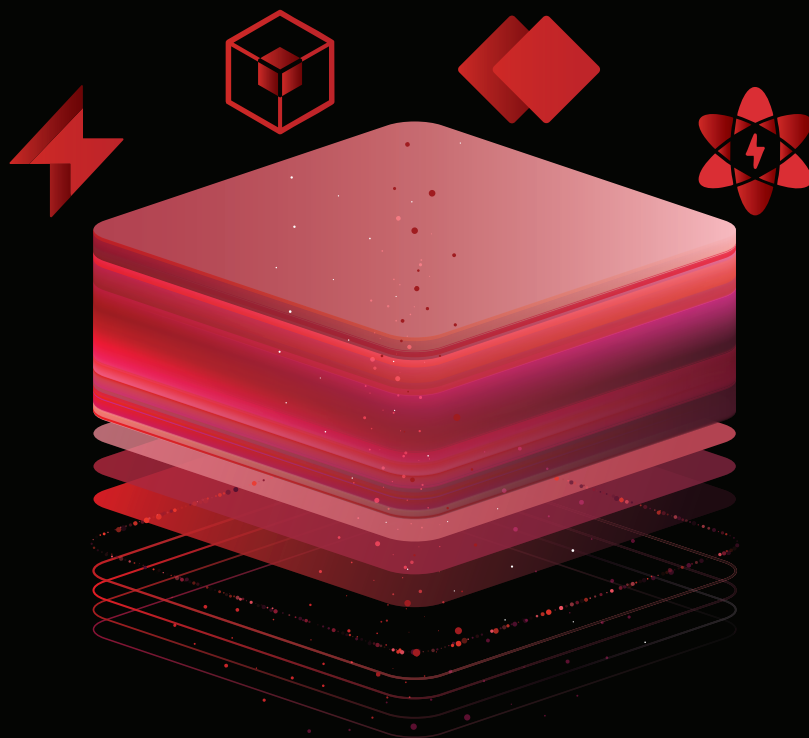
FSS Smart Recon

Next gen reconciliation, delivered now!

BROCHURE

FSS Smart Recon is now powered by

FSS BLAZE™



**A new age payment technology platform,
built for financial institutions.**

20,000+ TPS

Go-live in \leq 3 Months

Low code builder

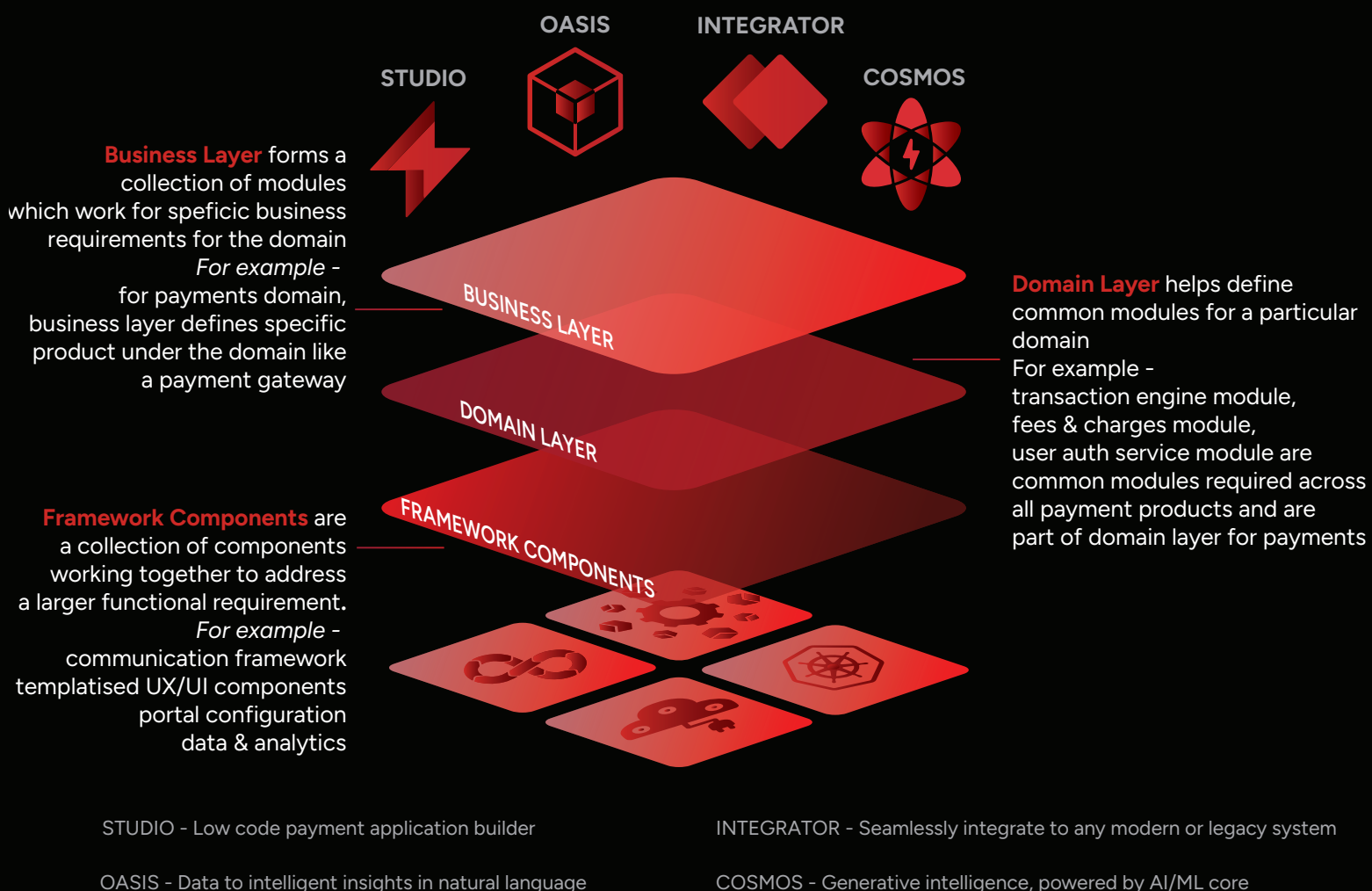
Data to insights

Generative AI

Integrates seamlessly

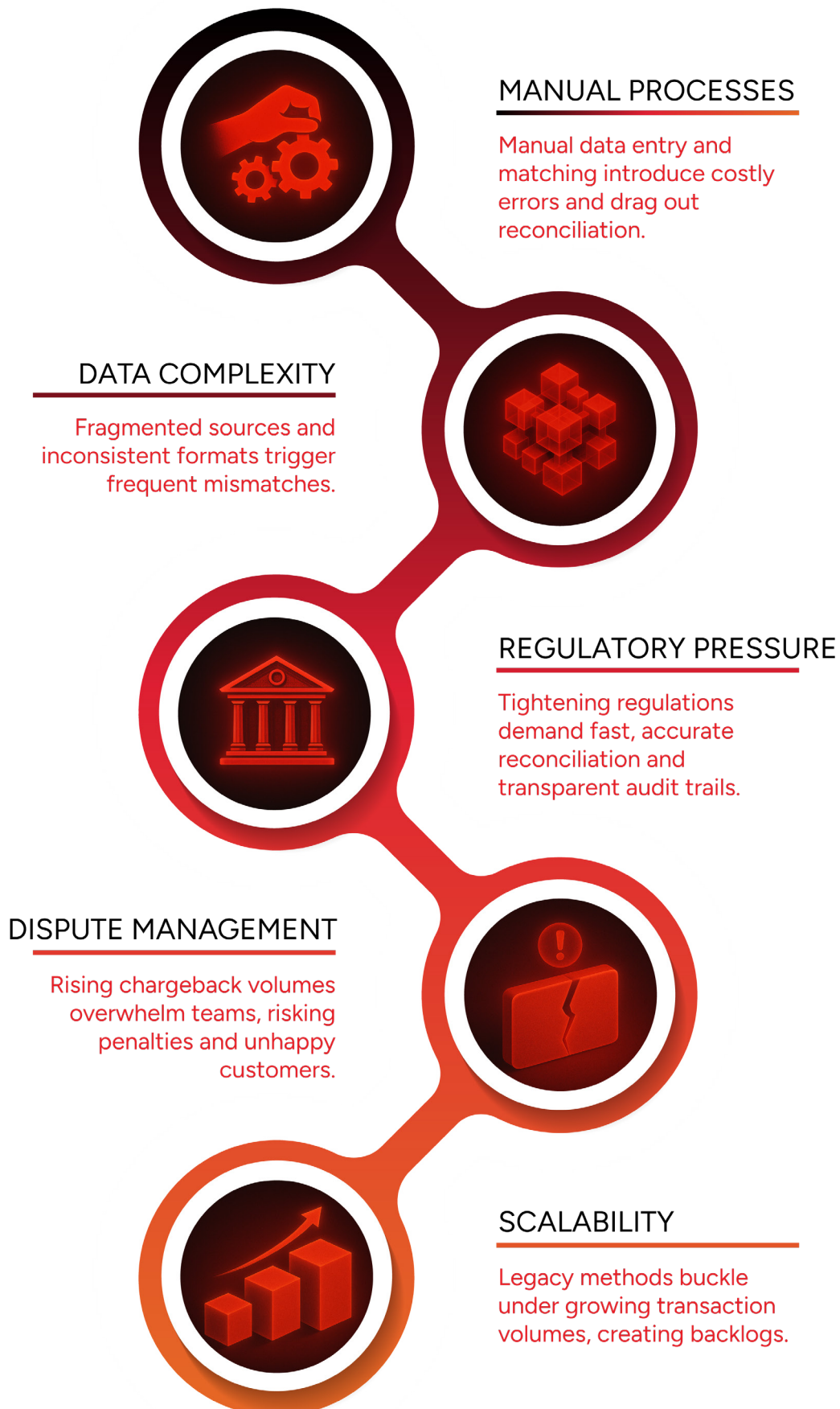
FSS BLAZE™ is a next-generation, cloud-native payments platform designed to help banks and financial institutions modernize their payments infrastructure. Built on microservices architecture, it delivers unmatched scalability, performance, and flexibility, enabling seamless integration with existing systems and emerging digital ecosystems. Its modular design accelerates the launch of new services, helping banks stay ahead in a competitive and rapidly evolving market. By leveraging cloud technology, the platform reduces operational costs and enhances efficiency, making it a future-ready solution to meet the growing demand for innovative, high-performance payment systems.

Anatomy of FSS BLAZE Platform



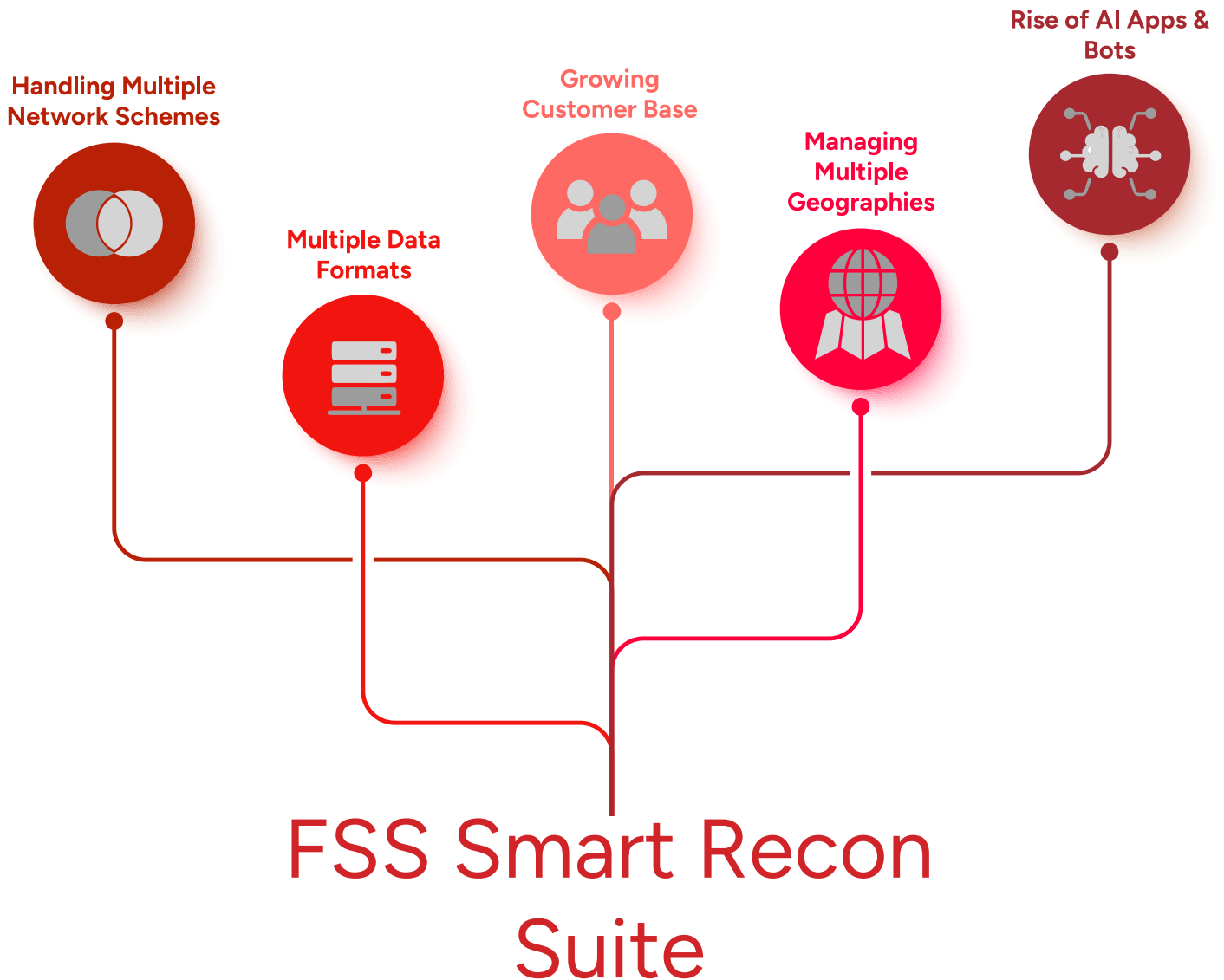
FSS BLAZE™, built on a robust microservices architecture, stands as a formidable backbone powering a resilient and dynamic transaction engine. This transaction engine is engineered to excel in the face of scalability challenges, ensuring success even under demanding workloads. The microservices architecture enables the transaction engine to break down complex processes into modular, independent components, allowing for seamless integration and orchestration. This approach empowers businesses to achieve scalability by adding more instances horizontally or enhancing computing power vertically, adapting to varying transaction volumes.

Navigating the complexities of transaction reconciliations



From chaos rises order - introducing *FSS Smart Recon*

In navigating through the complexities of payments, banks also have to manage the chaotic nature of transaction handling. This is being caused primarily due to:



| |
|---|
| 2-Way, 3-Way & 4-Way Transaction Reconciliation |
| Chargeback |
| Settlement |
| End to End Dispute Management |
| Integrated AI & RPAs |

Creating order out of the chaotic world of transactions, FSS Smart Recon enables banks to not just manage the data, but also do it faster, smarter than ever before.

Zero touch, intuitive reconciliation

FSS Smart Recon lets you set up the data, reconcile any transaction type, gain post reconciliation visibility, and drive completion of transaction settlement on a single platform with a low-code, highly configurable interface.

FSS Smart Recon - built on new-age data platforms and microservices based cloud native architecture - is a reconciliation software specifically designed for financial institutions to meet the need for multi-party data reconciliation. It simplifies the reconciliation process by automating data extraction, reconciliation, matching, and report generation in a single touch of a button, which in turn helps financial institutions save significant time and costs.

| | | | |
|---|--|---|--|
| 300K+ Reconciliations per second, fastest in the market | 70% Reduced manual efforts | >80% Faster reconciliation cycle times | 50% Lower direct costs as compared to semi automated processes |
| 200K+ Multi-currency transactions reconciled annually | 12 Billion Successful annual reconciliations | 50% Quicker exception handling | 200% ROI in 24 months |
| Onboard new modules instantly with a single instance | | Improve SLAs and cut operational errors | Boost STP, lower costs and accelerate time-to-market with AI |

| Books of Accounts | | AI generated | |
|-------------------------------|-------|----------------|-----|
| DEBIT BALANCE | | CREDIT BALANCE | |
| Prepaid Expenses | (99) | Capital Gains | 300 |
| Depreciation | (154) | Other Sources | 90 |
| Operational Cost | (113) | Profit on land | 100 |
| AI based intelligent matching | (15) | Sales | |

A highly acclaimed feature rich end to end recon solution

| Customer Pain Point | How FSS Smart Recon Addresses It |
|---|--|
| Multiple, siloed reconciliation workflows across channels | Unified enterprise platform that consolidates all reconciliation processes |
| Manual dispute handling with slow turnaround times | Proactive, SLA-driven dispute management with automated remediation actions |
| Inconsistent escalation procedures | Configurable escalation matrices and task-based workflows |
| Data integration errors and validation gaps | End-to-end, multi-source data ingestion with real-time validations |
| Undetected excesses or shortages at settlement level | Granular interchange-level settlement checks to pinpoint and resolve discrepancies |
| Rigid, one-size-fits-all matching logic | Fully configurable, priority-based matching rules tailored to your business needs |

Highly Configurable Workflows

Complete control over input files, reconciliation rules and output formats.

Integrated GL Reconciliation & Cross-Verification

Built-in general ledger matching for end-to-end accuracy.

Channel-based Dispute & Chargeback Management

Lifecycle tracking with automated actions and SLAs.

PCI DSS–Certified Security Framework

Enterprise-grade protections and audit logging.

Multi-Class, Multi-Currency Support

Reconcile any payment type across any currency.

Multi-Institution Setup

Single instance servicing multiple entities or business units.

Dynamic, Customizable Reporting Engine

Ad-hoc dashboards and scheduled reports for critical operational insights

Cloud-Ready Deployment

Available on Oracle, AWS or Microsoft Azure for rapid scalability.

Fast, really fast processing for your growing needs

In today's digitally propelled business environment, the number of active variables operating within the payments and banking business has increased significantly. A global increase in transaction volumes, primarily due to an increasing affinity by consumers towards digital payments, multiple data formats as transaction data originate from multiple channels.



Channels like ATM, POS, online banking, mobile banking, smart devices, and many more, has led to a rise in demand for faster reconciliation cycles and processing time. FSS Smart Recon is benchmarked to process ~300,000 reconciliations per second.

Reconciliation for the future

Human time is precious, so we automate

Automation can have huge impacts in streamlining your close workflows – taking over the mundane tasks and leaving you available for larger opportunities. FSS Smart Recon provides high configurability of systems and powerful scheduling options for data extraction, reconciliation, matching, and report generation. It supports scheduler-based batch processing of transactions and helps automate critical reconciliation processes.

Right on the mark, every single time

Institutions often struggle and incur high operational workloads reconciling millions of transactions because of the prevalent systems of manual or semi-automated processes, which are both timeconsuming and prone to inaccuracies. FSS Smart Recon ensures accuracy in transaction matching – every transaction, every time - that saves institutions both time and money.

Sentient design - by humans, for humans

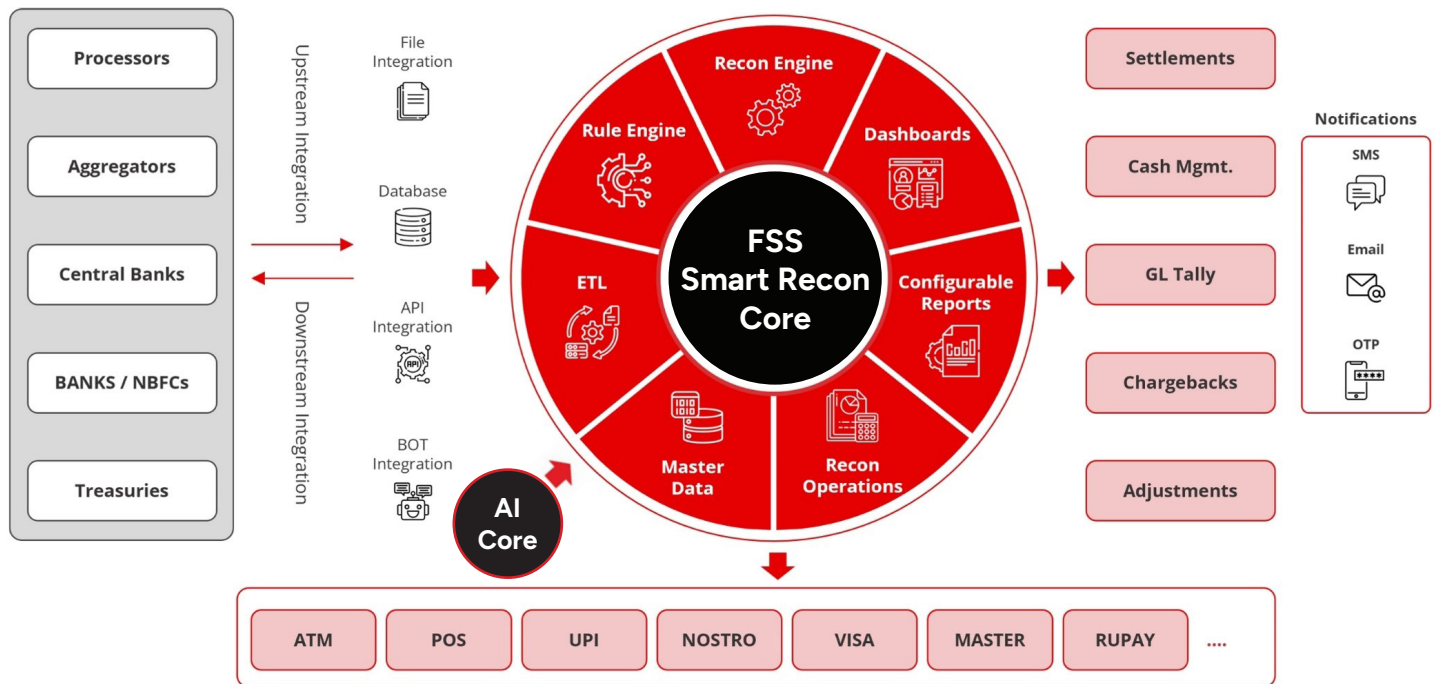
Banking provides the perfect arena for Artificial Intelligence to flourish, with a large number of transaction data and processes being generated in day-to-day banking. FSS Smart Recon is propelled by AI and ML technologies to identify and manage data, powerfully expedite operations with just-in-time notifications and alert system, and provide intelligent reporting and dashboards with NLP-based search.

Intelligent tech for expanding markets

A modern-day payments business is not only expected to offer all the services and cater to all stakeholders at a global scale but is also expected to deliver the services in real time. FSS Smart Recon aims to make this technology alignment fast, automated, accurate, and risk-free for new-age financial institutions and payment businesses. At FSS, we understand the complexities of operating a new-age payments business and as strategic technology partners, it is our mandate to equip these businesses with future-proof, user-friendly, transparent technology solutions that are not only industry-ready but also industry leading.

FSS Smart Recon Core

Simplifying the complex



The illustration maps how FSS Smart Recon ingests, processes, and distributes reconciliation information across the payments ecosystem.

Upstream data acquisition

- Multiple counterparties—processors, aggregators, central banks, banks/NBFCs, and treasuries—supply transaction files and reference data.
- Connectivity is flexible: file transfers, direct database taps, RESTful / ISO 20022 APIs, and bot-driven hand-offs all feed the platform.
- This bidirectional link supports both upstream (data import) and downstream (processed data return) movement.

Core processing engine

At the centre lies the **FSS SMART RECON CORE**, a modular engine comprising:

- **ETL Services** – normalise and stage multi-format inputs.
- **Rule Engine** – user-defined matching, tolerance, and exception logic.
- **Recon Engine** – high-volume, multi-leg matching across sources.
- **Master Data Hub** – single source for static reference tables.
- **Recon Operations Console** – queue-based exception handling and maker-checker controls.
- **Dashboards & Configurable Reports** – real-time KPIs, ageing, break trends, and audit trails.
- **AI Core** - for analysing complex data, automating manual workflows, and automatic email responses.

Downstream outputs & controls

- Reconciled results drive settlements, cash-management sweeps, general-ledger (GL) tally, chargeback automation, and adjustment postings.
- A built-in notification framework issues SMS, e-mail, and OTP alerts to operators or external systems.

Channel & scheme coverage

The solution reconciles any payment rail or account class—ATM, POS, UPI, Nostro, Visa, Mastercard, RuPay, and additional schemes—via a single ruleset, ensuring enterprise-wide consistency.

Together, these layers deliver a fully automated, end-to-end reconciliation lifecycle that shortens close cycles, reduces manual breaks, and strengthens financial and regulatory confidence for issuers, acquirers, processors, and central institutions.

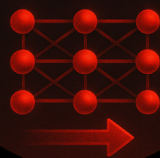
Supercharged with AI Agent for Chargeback Processing

An intelligent, automated system designed to streamline and accelerate chargeback dispute workflows for financial institutions and reduce the overall human or operations tasks. This AI-powered solution leverages cutting-edge Natural Language Processing (NLP), Machine Learning (ML), and Optical Character Recognition (OCR) technologies to analyze incoming emails, extract critical data, and automate dispute resolution processes.

- Automates the handling of dispute-related emails and attachments.
- Extracts and validates transaction data, amounts, and supporting evidence.
- Enables seamless integration into existing systems for end-to-end workflow automation.

Scan below to know it works!

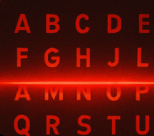
ML



NLP



OCR



SCAN / TAP HERE TO KNOW HOW IT WORKS

Creating global impact

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Simplified reconciliation in Qatar for Qatar National Bank (QNB) with a centralized system

- FSS deployed a centralized system across acquiring & issuing for multiple schemes, multi-country support, end to end dispute management and automation.
- QNB saw 30% reduction in skilled manpower cost
- 50% reduction in time spent on recon processing and exception handling.
- Operational errors and losses reduced, resulting in increased efficiencies and improved SLAs.



Helped achieve efficiencies at scale for HDFC bank, India's largest private sector bank

- HDFC wanted a customizable solutions for its various offerings.
- FSS has been helping the bank reconcile >3 Million transactions daily.
- 1 Million + POS transactions reconcile daily.
- Enabled for domestic interchange, IMPS, and Micro ATMs network as well.

Your partner in the transformation journey

Our technology, your business.
We power the tech, so you can focus on your core competencies.

We laid the foundation of
India's ATM network

34 years of experience
in architecting national payment
infrastructures

2000+ payment experts
building reliable payment products and
providing support 24x7x365

Continuous innovation
in partnership with policy makers, schemes,
regulators and leading global institutions

7 national level deployments
building national payment architecture
across ME and Africa

The world leader in digital payments

150+
customers

26
countries

800M+
cards issued

5
continents

7B+
transactions processed
annually with FSS Switch

3B+
transactions processed
annually on FSSNeT

>30%
share of transactions as
India's largest IMPS processor

Empowering Commerce, Communities, & Economies



the *Journal of the American Medical Association* (JAMA) and the *New England Journal of Medicine* (NEJM).

These journals are the most widely read and cited in the field of medicine, and their inclusion in the index is a testament to the high quality of the research published in them.

The index is a valuable resource for researchers, clinicians, and students alike, providing a comprehensive overview of the current state of research in the field of medicine.

It is a testament to the dedication and hard work of the researchers and clinicians who have contributed to the advancement of medicine over the years.

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ABOUT FSS

Financial Software and Systems (P) Ltd. or FSS is a leader in payments technology and transaction processing. FSS offers an integrated portfolio of software products and hosted payment services built over three decades of experience. Headquartered in India, FSS services leading global banks, financial institutions, processors, central regulators, and governments across North America, UK/Europe, Middle East, Africa, and APAC.

For more information, visit us at www.fsstech.com

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