



Expense management, built like a vault.

Multi-branch expense tracking with role-based approvals, branch-coded vouchers, and audit-grade logs. Engineered by a cybersecurity company, for businesses that can't afford a leak.

- ✓ End-to-end encrypted
- ✓ Real-time sync · 24/7
- ✓ Role-based access control

THE UNSPOKEN COST

Indian enterprises lose **crores** to expense chaos.

Across multi-branch dealerships, retail chains, clinics, and distributors — the daily reality is paper, WhatsApp, and Excel held together by hope. Without isolation, audit trails, or atomic voucher numbering, every month bleeds capital and accountability.

₹2,40,000

Annual loss to lost vouchers, fraud, and audit penalties at a typical 5-branch SMB.

7+ days

Average expense approval lag across WhatsApp, email, and paper workflows.

87%

Of finance teams report monthly close is delayed by missing voucher slips.





0%

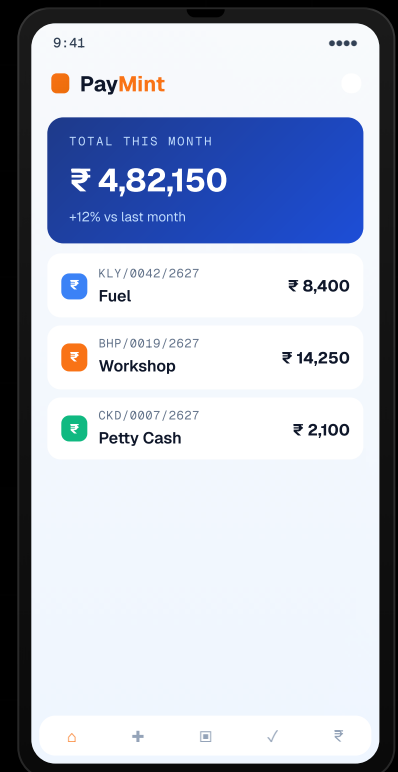
Audit trail. No record of who approved what, when, or why.

THE SOLUTION

Built for businesses that mean business.

A real-time, role-routed expense platform purpose-built for Indian enterprise. Branch-isolated by design. Audit-grade by default. Live on every staff phone in seconds — no app store waits.

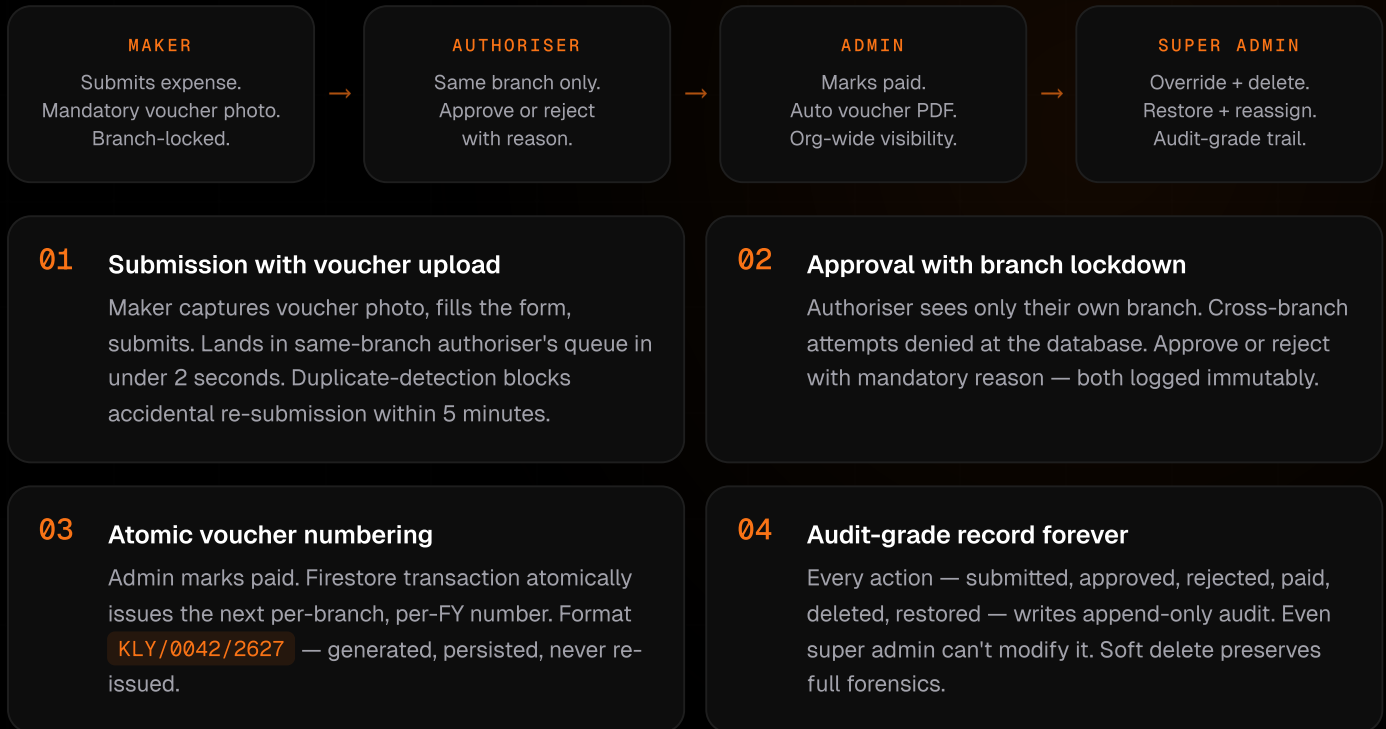
-  **Branch-locked, role-aware**
Every action scoped at the database, not the UI. Cross-branch leaks are impossible.
-  **Real-time across every device**
Sub-2-second sync from submitter's phone to approver's pocket. Offline-tolerant.
-  **Audit-grade by default**
Every action immutable. Append-only logs. Atomic per-branch voucher numbers — forever.
-  **Tally + Power BI ready**
30-column CSV export feeds directly into accounting and analytics — zero copy-paste.



THE FLOW

Four roles. One source of truth.

Every expense moves through a deterministic, role-routed pipeline. Branch isolation is enforced server-side — bypassing the UI is impossible.



ARCHITECTURE & DEFENSE

Cybersecurity-first. By design.

Three-layer defense in depth. Eight-layer data integrity. Zero-trust by default.

CLIENT · UI + SERVICE GUARDS

React 18 · Vite · Capacitor (Android) · role validation · anti-spoofing · transactional voucher generation

SERVER · CLOUD FUNCTIONS

Auth + device binding · expense routing trigger · audit log writer · daily backup scheduler (asia-south1)

DATA · FIRESTORE + RULES

25 composite indexes · server-enforced rules · append-only audit · 7-day PITR · 30-day GCS retention

Defense in depth

UI + service + database — three independent gates on every action.

Anti-spoofing

Every write re-verifies `request.auth.uid` server-side, not from payload.

Branch isolation

Database-level — even direct API calls can't cross branch boundaries.

Disaster recovery

5 recovery paths · RPO < 5 min · independent AEGIBIT-side snapshots.

LIVE DEPLOYMENT

Nibir Motors. Seven branches, paperless.

West Bengal's leading multi-location automotive dealership replaced ad-hoc paper and WhatsApp expense flows with PayMint — across all seven branches and two service locations, in production on day one.

7

Branches live across West Bengal — Kalyani, Chakdah, Krishnagar, Plassey, Raghunathganj, Kandi, Berhampore (HO).

2

Service locations integrated — Krishnagar and Berhampore — with isolated approval flows.

< 2s

From submission on a maker's phone to authoriser's pocket — sub-two-second sync.

100%

Audit coverage. Every action traceable to a named user with a server timestamp.



We replaced ten WhatsApp groups, three Excel sheets, and two binders with one app on every staff phone. Approval lag went from days to minutes. Audit season went from terrifying to a non-event.

— OPERATIONS LEADERSHIP, NIBIR MOTORS PVT. LTD.

THE AEGIBIT PRODUCT FAMILY

PayMint

LIVE

Multi-branch expense automation with branch-coded vouchers, role-based approvals, Tally exports.

VoiceCore

EARLY ACCESS

Voice-first business operations platform with biometric authentication.

Aira AI

EMBEDDED

AI co-founder embedded across every AEGIBIT product — anomaly detection, forecasting, NL ops.

TALK TO US

Ready to take your operations paperless?

Book a 15-minute deep-dive. We'll walk through PayMint live, map it onto your operations, and quote a fixed-cost rollout plan.

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