

NIRYAT — Integrations Playbook

Every integration NIRYAT depends on, with the path to bring it live.

This document is the engineering counterpart to the demo's `api/_client.js` — every namespace under `window.api` corresponds to an entry below. The mock methods in `_client.js` show the call signature; the entries here show how to make them real.

How to read this document

For each integration:

- **Why we need it** — the user-facing capability that depends on it
 - **Mock methods** — the `api.<domain>.<method>()` calls in `_client.js`
 - **Real endpoint** — the URL that replaces the mock
 - **Prerequisites** — what we need before we can even call it (DSC, IEC, license, account)
 - **Onboarding** — the actual process to get access (this is the hard part)
 - **Cost** — one-time + recurring
 - **Timeline** — realistic days/weeks
 - **Risks** — what can go wrong
 - **Owner** — who at NIRYAT drives this
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Phase ordering — what to integrate first

Not everything is needed for v1. The right sequence:

PHASE	WHEN	INTEGRATIONS	WHY
0 – Foundation	Week 1–2	Postgres, Redis, AWS S3 (Mumbai), Sentry, Auth (in-house)	Nothing else works without these
1 – Read-only government data	Month 1	DGFT (read-only IEC/EPCG/AA fetch), ICEGATE (read-only SB status, EDPMS enquiry)	Lets us show real data without write authority – design-partner-ready
2 – Bank IRM ingestion	Month 1–2	HDFC Bank Trade API, ICICI Bank Trade Services API	Without IRMs, no eBRC, no refund tracking
3 – eBRC self-cert (write)	Month 2	DGFT eBRC API (write), DSC procurement, IEC consumer registration	The single most differentiating feature
4 – GSTN refund	Month 2–3	GSP partnership (IRIS / Cygnet / Taxmann) for GSTR-2B + RFD-01	Required for refund radar
5 – Notifications	Month 3	WhatsApp Business API (Meta), SendGrid (email)	Mismatch alerts to operators
6 – ERP sync	Month 4	Tally HTTP gateway, Zoho Books OAuth	Auto-pull invoices
7 – OCR & parsing	Month 4	Google Vision OR AWS Textract	Manual document upload + auto-extraction
8 – ICEGATE write	Month 5+	Shipping bill amendment (DSC-signed), CHA partnerships	Most complex; needs CB partnerships

Government & Regulatory APIs

1. DGFT (Directorate General of Foreign Trade)

Why we need it: The single most important integration. eBRC self-cert, EPCG/AA tracking, RoDTEP rates, eCoO 2.0 – almost every NIRYAT feature depends on DGFT.

Mock methods: `api.dgft.fetchIEC`, `fetchEPCG`, `fetchRoDTEPRates`, `submitEBRC`, `bulkSubmitEBRC`, `fileEODC`

Real endpoints: - Base: <https://api.dgft.gov.in/v1/> - Spec: [DGFT Exporter Guide for API Management Functions \(PDF\)](#) - eBRC technical spec: [Bulk Generation Spec \(PDF\)](#)

Prerequisites: - NIRYAT must be registered as a DGFT API consumer (per-IEC basis) - Each customer's IEC primary user must grant our consumer access via DSC or Aadhaar e-sign - We need a static public IP for whitelisting - PBKDF2 (256-bit, 65,536 iterations) salted credential - RSA-encrypted secret key in request headers

Onboarding process: 1. Email DGFT IT cell (apirequest-dgft@gov.in) requesting consumer registration 2. Provide: company PAN, registered address, technical contact, public IP CIDR 3. DGFT issues consumer

ID and credentials (typically 5–10 working days) 4. For **each** customer, the customer logs into their DGFT portal account, navigates to API Management → Add Consumer → enters our consumer ID → signs grant with their DSC 5. Once granted, we can call APIs on their behalf for the granted scopes

Cost: No government fee. ~₹3 L engineering effort over 4–6 weeks.

Timeline: 5–10 days for DGFT consumer registration + 24 hours per customer grant + 2–4 weeks dev integration per API surface.

Risks: - IEC primary user can deactivate our consumer access at any time → product breaks for that customer - Scheme rate volatility (RoDTEP went 100→50→100 in months); the rate engine needs continuous content updates - DGFT has historically slow change cycles; new APIs ship months late vs announced - 1 June 2026 portal retirement — old DGFT portal goes away; have to be on new portal API

Owner: Tech co-founder + indirect-tax counsel on retainer.

2. ICEGATE (CBIC Customs)

Why we need it: Live shipping bill status, EDPMS reconciliation enquiry, RoDTEP scroll status, IGST refund tracking. Read-only feeds for Phase 1; write (amendments) in Phase 8.

Mock methods: `api.icegate.fetchShippingBill`, `fetchEDPMSStatus`, `fetchScrollStatus`, `fileAmendment`

Real endpoints: - Base: <https://www.icegate.gov.in/> - API directory: [Integrate with ICEGATE on APIs](#) - ICES message format: ICES 1.5 / 3.2 (PDF on icegate.gov.in)

Prerequisites: - ICEGATE registration as a legal entity (free) - Class 3 Digital Signature Certificate (DSC) — physical USB token, ~₹2,500–₹5,000, valid 2 years - For **write** APIs (filing amendments), we need either: (a) the exporter's own DSC + their ICEGATE account, OR (b) a partnered Customs House Agent (CHA) using their CB licence

Onboarding process: 1. NIRYAT registers on ICEGATE as a legal entity 2. Procure Class 3 DSC from authorized CA (eMudhra, Sify, NSDL, Capricorn) 3. For read-only APIs: register as data consumer per advisory 4. For write APIs (Phase 8): partner with 3–5 CHAs in Tirupur / Coimbatore / Surat / Ludhiana / Mumbai who file under their CB licence; OR coach customers to file using their own DSC with our software

Cost: ICEGATE registration free. DSC ₹3K. CHA partnerships are revenue-share, not upfront.

Timeline: 1 week for ICEGATE registration + DSC + 4–8 weeks per API surface + 4–12 weeks for CHA partnership LOIs.

Risks: - No public APIs documented for shipping bill amendment yet (we use browser-automation fallback or CB-channel); risk of ICEGATE ToS change - ICEGATE portal occasionally goes down (especially around month-end); need graceful degradation - DSC tokens expire; need 90-day renewal alerts per customer

Owner: Tech co-founder + CHA partnership lead (Tirupur).

3. GSTN (via GSP partner)

Why we need it: Pull GSTR-2B (input tax credit reconciliation), submit RFD-01 refund applications, submit deficiency-memo replies.

Mock methods: `api.gstn.fetchGSTR2B`, `submitRFD01`, `submitDeficiencyReply`

Real endpoints: Via GSP partner — e.g. `https://api.irisirp.com/gstn/...`

Prerequisites: - GSP empanelment costs ~₹2 cr paid-up capital + 3-yr avg ₹5 cr turnover. **Don't try to be a GSP yourself — partner.** - Partner with one of: IRIS Sapphire, Cygnet, Taxmann, ClearTax, Mastergst, Alankit (full list on [GSP list 2025](#))

Onboarding process: 1. Sign NDA with 2–3 GSPs to compare pricing and SLAs 2. Pick one (IRIS most often used by mid-market SaaS due to documentation quality) 3. Sign API agreement — typical commercial: ₹2–10 per API call OR ₹50K–2L/month flat 4. Each customer grants our GSP partner access via OTP-based session (6 hours to 30 days)

Cost: ~₹50K/month + per-call fees from month 2 onwards. ₹2 L one-time integration.

Timeline: 4–8 weeks (NDA, contract, integration, testing).

Risks: - GSP economics change frequently; lock in pricing for 12+ months - OTP session expiry breaks data sync; need re-auth flow with WhatsApp nudge to customer - Some GSPs are slow to update for new GST features (e.g., post-Sep 2025 IMS hard-lock)

Owner: Tech co-founder + a finance person who can negotiate the GSP commercial.

Banks (IRM ingestion, EDPMS correction)

4. HDFC Bank — Trade Finance API

Why we need it: Daily IRM (Inward Remittance Message) pull is the trigger for all eBRC self-cert work. EDPMS correction request (ZA-3 template) is how we resolve FOB mismatches.

Mock methods: `api.hdfc.fetchIRMs`, `requestEDPMSCorrection`

Real endpoint: `https://trade-api.hdfcbank.com/v1/...`

Prerequisites: - HDFC Bank account with Trade Finance services enabled - OAuth 2.0 client credentials issued by HDFC Bank Developer Portal (request via your relationship manager) - For each customer, their HDFC RM must enable API access on their account

Onboarding process: 1. Reach out via HDFC's Trade Finance Cell (any branch, but Mumbai BKC has the dev team) 2. Sign API access agreement (~2 weeks legal review) 3. Get sandbox credentials (1–2 weeks) 4. Build + test in sandbox (4–6 weeks) 5. Production credentials granted after security review (~3 weeks) 6. Each customer onboarding: relationship manager gives consent via internal HDFC ticket (~3–5 days per customer)

Cost: Typically free (HDFC charges customer, not us). Some banks charge ₹20K–₹50K/year per integration. Engineering: ~₹4 L over 6–8 weeks.

Timeline: 4–6 months elapsed time including bank legal cycles.

Risks: - HDFC's API team is small; tickets can take weeks - Sandbox doesn't fully match production behaviour (especially for EDPMS correction flows) - API breaking changes happen with little warning — version-pin and monitor

Owner: Tech co-founder. Build a bank-RM relationship at Mumbai BKC.

5. ICICI Bank — Trade Services API

Why we need it: Same as HDFC — IRM ingestion. ICICI is the second-most-common AD bank for textile/garment exporters.

Mock methods: `api.icici.fetchIRMs`

Real endpoint: `https://api.icicibank.com/trade/v1/...`

Onboarding: Same shape as HDFC. ICICI's iLens developer portal is more polished than HDFC's. Faster sandbox access (1 week typically). Same OAuth model.

Cost & timeline: Same as HDFC.

6. Axis, SBI, Kotak, YES, IDFC FIRST — other AD banks

Why we need it: Some Tirupur exporters bank with Axis, SBI, etc. Without these, manual IRM upload is the fallback (clunky).

Status: Lower priority than HDFC + ICICI. Add as customer demand justifies. SBI is the hardest (no public API; has to be done via SFMS file feed + email).

Workaround: Manual IRM upload via PDF → OCR → match. We've already built this in

`api.ebrc.uploadIRM()`.

ERP / Accounting

7. Tally ERP 9 / Tally Prime

Why we need it: Auto-pull GST invoices from the customer's Tally so we can reconcile against IRMs. Without this, the customer manually enters every invoice.

Mock methods: `api.tally.syncInvoices`

Real endpoint: Tally HTTP gateway (port 9000 by default on customer's local machine) OR Tally Cloud Connector

Prerequisites: - Customer must run Tally Prime 3.0+ with HTTP gateway enabled - For Tally Cloud customers: OAuth via Tally Solutions developer portal

Onboarding process: 1. NIRYAT registers on Tally Solutions developer program (free) 2. Build TDL (Tally Definition Language) plugin that exposes the queries we need 3. For each customer: install our TDL plugin into their Tally (one-time, 15-min process) 4. Customer's Tally now syncs invoices to NIRYAT every 15 min via local agent

Cost: Tally developer registration free. Engineering ~₹2 L. Per-customer install: 1 hour with Tally support.

Timeline: 4 weeks for TDL plugin + 30 min per customer install.

Risks: - Each customer's Tally is on their own machine, often with no internet access; need lightweight local agent - Tally TDL is an old language (invented in 1990s) — limited engineering talent; budget for one specialist contractor - Customer firewall settings may block local agent → polish the install playbook

Owner: Tech lead + a Tally specialist contractor (₹50K–₹1.5L/month part-time).

8. Zoho Books

Why we need it: For the ~10–15% of SMEs that use Zoho Books instead of Tally. OAuth API, modern, well-documented — much easier than Tally.

Mock methods: `api.tally.syncInvoices` (same shape; create `api.zoho.syncInvoices` when integrating)

Real endpoint: `https://www.zohoapis.in/books/v3/`

Onboarding: Standard OAuth 2.0 via Zoho developer console (free, instant). 1-week integration.

Cost: Free. ~₹50K engineering effort.

Timeline: 1–2 weeks.

Logistics

9. Freight Forwarders (CEVA, Maersk, MSC, Hapag-Lloyd, ONE)

Why we need it: Auto-pull Bill of Lading data (vessel, voyage, container, ETD/ETA) instead of customer copying from email.

Mock methods: `api.freight.fetchBL`

Real endpoints: Each carrier has their own - **Maersk** — `https://api.maersk.com/track/v2/` (modern REST API; partner program required) - **MSC** — myMSC tracking + EDI; harder - **CEVA** — partner API via account manager - **CMA CGM** — TRACK & TRACE API - **Industry standards** — DCSA Track & Trace API (emerging, not all carriers support)

Onboarding: - Maersk: apply via developer.maersk.com — typically approved in 1–2 weeks - MSC, CMA, ONE: account manager request, typically 4–8 weeks - Many smaller forwarders use carrier APIs themselves and re-share via email/portal — partner directly with the freight forwarder

Cost: Most carrier APIs are free for tracking; some charge for premium tiers. ~₹2 L engineering for 3–5 carriers.

Timeline: 3–6 months to integrate 5 major carriers (most of the time is waiting for partner approvals).

Risks: - Each carrier has different data shapes; build an internal "BL normalizer" early - Most exporters use 3–5 different forwarders depending on route; coverage matters

Notifications

10. WhatsApp Business API (Meta)

Why we need it: WhatsApp is the **only** channel Indian SME owners reliably check. Mismatch alerts, refund-credited notifications, supplier chase messages — all via WhatsApp.

Mock methods: `api.whatsapp.sendNotification`

Real endpoint: `https://graph.facebook.com/v19.0/{phone-number-id}/messages` (Meta Cloud API direct) OR via BSP (Business Solution Provider) like Wati, Interakt, Gupshup, Yellow.ai

Prerequisites: - Meta Business Manager account - Verified business (3–7 day verification process) - WhatsApp Business Account (WABA) - A dedicated business phone number (cannot be reused with WhatsApp consumer app) - System User Token

Onboarding process: 1. Create Meta Business Manager 2. Submit business verification (Meta wants registration certificate, GST cert, address proof) 3. Apply for Display Name (your "From" name) 4. Get phone number verified (OTP) 5. Submit message templates for approval (each notification type — mismatch alert, refund credit, etc. — needs approval, typically 1–2 days each) 6. Either go direct (Cloud API) or via BSP (faster but ₹0.30–₹1 markup per conversation)

Cost: - Meta charges ~₹0.50–₹2 per conversation depending on category (utility / authentication / marketing) - BSP markup if going through Wati/Interakt: +30–80% - Recommend going DIRECT once you have >5K conversations/month (saves ~₹50K/month)

Timeline: 2–4 weeks for full setup including business verification.

Risks: - Template policy is strict — Meta will reject templates that look "too marketing" - Customer has to opt-in (we'll capture during onboarding) - Meta can suspend WABA for policy violations — keep template library clean

Owner: A growth/marketing person who knows WhatsApp policy well.

11. Email — SendGrid / AWS SES

Why we need it: Transactional email for receipts, refund notifications, weekly summaries, password resets.

Real endpoint: SendGrid REST API or AWS SES.

Onboarding: SendGrid free tier (100 emails/day). For volume: ~\$15/month for 50K emails. Domain DNS setup (SPF, DKIM, DMARC) — 1 day.

Cost: ₹1,500–5,000/month at our expected scale.

Timeline: 1 day.

12. SMS — Karix / MSG91 / Twilio

Why we need it: OTP for login + critical alerts (only when WhatsApp fails). Indian operators prefer Karix or MSG91 (cheaper than Twilio for IN routes).

Cost: ~₹0.20–0.30 per SMS.

Timeline: 1 day.

Storage & Infrastructure

13. AWS S3 (Mumbai region — ap-south-1)

Why we need it: All shipping bill PDFs, BLs, eBRCs, FIRCAs, customs docs. Mumbai region for DPDP-aligned data residency.

Setup: Standard AWS account; S3 bucket; KMS encryption keys; CloudFront CDN for serving.

Cost: At 1 TB scale: ~₹2,000/month.

14. PostgreSQL (RDS Mumbai)

Why we need it: Primary database. Per-tenant isolation via row-level security or schema-per-tenant.

Cost: db.t3.medium starting at ~₹15K/month; scale up as needed.

15. Redis (ElastiCache or Upstash)

Why we need it: Cache + job queue (Bull/BullMQ for async jobs like "pull IRMs from HDFC overnight").

Cost: ~₹3,000–5,000/month at v1 scale.

AI / OCR

16. OCR — Google Vision OR AWS Textract

Why we need it: Parse uploaded IRM PDFs, scanned invoices, BLs. Auto-extract amount, date, reference numbers.

Mock methods: `api.ocr.parsePDF`

Real endpoints: - Google Cloud Vision: `https://vision.googleapis.com/v1/images:annotate` - AWS Textract: `textextract.ap-south-1.amazonaws.com`

Choice: Vision is better at handwriting; Textract is better at structured forms (tables in invoices). Use Textract for invoices/BLs/SBs; Vision for free-form PDFs.

Cost: ~₹0.20–0.50 per page depending on provider and features.

Timeline: 1–2 weeks for integration + custom prompt-tuning.

17. LLM (matching, drafting, classification)

Why we need it: Match IRM to GST invoice (semantic matching beyond exact amount), auto-draft deficiency replies, classify document types, extract HSN code recommendations.

Provider options: Anthropic Claude (preferred for legal text quality), OpenAI, Google Gemini, or fine-tuned in-house Indic-language model (Sarvam, Krutrim).

Cost: ~₹1,000–₹5,000 / customer / month at v1 scale (depends on usage).

Timeline: 2 weeks per use case.

Identity, Auth, Compliance

18. DSC providers (eMudhra, Sify, NSDL, Capricorn)

Why we need it: Class 3 DSC for ICEGATE filings, DGFT auth, eBRC self-cert.

Cost: ₹2,500–5,000 per token, valid 2–3 years.

Onboarding: Customer KYC (PAN, address proof, video verification). Each customer gets their own DSC; we don't hold them — but our software guides them through procurement.

19. Aadhaar e-sign (DigiLocker / NSDL)

Why we need it: Alternative to DSC for grant authority — easier for customers who don't have a DSC.

Onboarding: ₹50K–2L for KSA partnership; per-transaction fee ~₹3.

Risk: Aadhaar Authentication for Good Governance Rules 2025 require [case-by-case central-govt approval](#) for private-entity Aadhaar use. Hold off on this until v2; use DSC route in v1.

20. Razorpay (subscription billing)

Why we need it: Recurring monthly/annual subscription charges, invoice generation, payment recovery.

Cost: 2–3% of transaction value.

Timeline: 1 week to integrate.

Observability & Compliance

21. Sentry (error tracking)

Free tier sufficient for v1. Catches every API failure, frontend crash. Saves a week per release.

22. Plausible / PostHog (analytics)

Plausible for privacy-friendly page views. PostHog if we want full funnel/feature-flag/session-replay. ~\$50/month.

23. Vanta or Drata (SOC 2 / ISO 27001 readiness)

Probably not needed in v1 (SMEs don't ask for SOC 2). Add when first enterprise customer asks. ₹10–25 L/year.

Summary table – all integrations

#	INTEGRATION	PHASE	EFFORT	CRITICAL?
1	DGFT (read + write)	1 + 3	8 weeks	★★★★ Critical
2	ICEGATE (read)	1	4 weeks	★★★★ Critical
3	GSTN via GSP	4	6 weeks	★★★★ Critical
4	HDFC Bank IRM	2	6 weeks	★★★★ Critical
5	ICICI Bank IRM	2	4 weeks	★★ Important
6	Axis / SBI / others	5+	per bank	★ Optional v1
7	Tally TDL	6	4 weeks	★★ Important
8	Zoho Books	6	2 weeks	★ Optional
9	Maersk / Carriers	7+	6 weeks for top 3	★ Optional v1
10	WhatsApp (Meta)	5	4 weeks	★★★★ Critical
11	Email (SendGrid)	0	1 day	★★ Important
12	SMS (MSG91)	5	1 day	★ Optional
13	AWS S3 Mumbai	0	done	★★★★ Critical
14	PostgreSQL	0	done	★★★★ Critical
15	Redis	0	done	★★★★ Critical
16	OCR (Vision/Texttract)	4	2 weeks	★★ Important
17	LLM (Claude)	4	2 weeks per use case	★★ Important
18	DSC providers	1	0 (customer)	★★★★ Critical
19	Aadhaar e-sign	post-v1	4 weeks	★ Optional
20	Razorpay billing	5	1 week	★★ Important
21	Sentry	0	1 day	★ Optional
22	Plausible	0	1 day	★ Optional
23	Vanta (SOC 2)	post-v1	6 months	post-v1

Total to v1 (10 critical/important): ~6 months of engineering for a small team (2 senior engineers + 1 ops/CA hybrid + 1 part-time Tally specialist).

Approach – how to actually get these live

Three patterns repeat across almost every integration:

A. The "consumer registration + per-customer grant" pattern (DGFT, GSTN, Banks)

You as NIRYAT register once with the upstream system. Each customer then **separately** grants you access to their data, usually via: - DSC signing (DGFT) - OTP (GSTN via GSP) - Bank account-level enablement (HDFC, ICICI)

Implication for product: every customer onboarding has a step where they grant access to their integrations. Expect this to take **30–60 minutes per customer** of guided setup. Build a wizard for it, and consider sending a NIRYAT customer-success person onsite for the first 50 customers.

B. The "BSP / aggregator" pattern (GSTN, WhatsApp)

Some integrations are easier to access through a partner who has already done the heavy lifting. A GSP for GSTN, a BSP like Wati for WhatsApp. Pay them a small markup per call to skip months of bureaucracy.

Implication: for v1, use partners. Save the direct-integration work for when scale justifies the saving (typically 5,000+ customers).

C. The "DSC-signed write" pattern (ICEGATE filings)

Government write APIs require a Digital Signature Certificate. The DSC must be physically inserted into a USB token at the moment of signing. This is awkward to automate.

Two approaches: 1. **Customer signs from their machine:** ship a small NIRYAT desktop helper that detects the DSC token on the customer's machine, signs the payload, sends back to our server. Works well, but adds install friction. 2. **Partner with CHAs:** the CHA has their own CB licence and DSC; they file on behalf of the exporter. We pay the CHA a fee per filing.

For v1, do (2) — partner with 5 CHAs in Tirupur and pay them ₹500–1,500 per filing. Switch to (1) when we have 100+ customers and the per-filing economics justify the desktop helper engineering.

Risks shared across all integrations

RISK	MITIGATION
Government API outages around month-end	Graceful degradation, cached data, retry queues, customer comms ("DGFT is down — we'll auto-retry")
Bank API breaking changes	Version-pin, contract-test in CI, monitor sandbox vs production drift
GSP price changes mid-contract	Lock pricing for 18+ months at signing
Customer DSC expiry breaking auto-flows	90-day renewal reminders + human-touch follow-up
Meta WhatsApp policy violations suspending WABA	Strict template hygiene, separate prod / experimental WABAs
LLM output errors on legal text	Mandatory human review gate before any AI-generated output is exported with the customer's name
GDPR / DPDP cross-border concerns	India-only data residency (S3 Mumbai, RDS Mumbai); explicit consent capture; 72-hour breach playbook

Owners — who does what

ROLE	OWNS
Tech co-founder	DGFT, ICEGATE, GSTN, banks, infra
CA on team	DSC procurement playbook, customer onboarding, DGFT consumer registration
Tally specialist (contractor)	Tally TDL plugin
Growth / marketing person	WhatsApp Business setup, template library, BSP relationship
CHA partnership lead (Tirupur)	5 CHA partnerships for ICEGATE write flows
Indirect tax counsel (retainer)	Legal review of every integration ToS, customer consent language, DPDP compliance

Cost summary at v1 (100 customers)

CATEGORY	MONTHLY	ANNUAL
AWS (S3 + RDS + Redis + Lambda + CloudFront)	₹40,000	₹4.8 L
GSP fees (IRIS)	₹50,000 + per-call	₹8 L
WhatsApp (Meta direct)	₹20,000	₹2.4 L
OCR (Vision + Textract)	₹15,000	₹1.8 L
LLM (Claude)	₹40,000	₹4.8 L
Email (SendGrid)	₹3,000	₹36 K
Sentry + Plausible	₹3,000	₹36 K
Razorpay (2.5% of GMV)	varies	~₹3 L if ₹1.2 cr ARR
Bank API agreements (HDFC + ICICI)	mostly free	₹50 K legal
Total run-rate	~₹1.7 L / month	~₹26 L / year

At 100 customers paying ₹14K/month avg = ₹16.8 L MRR / ₹2 cr ARR → ~13% of revenue on infra & integration costs. Healthy margin.

Where each integration shows up in the demo

DEMO PAGE	MOCK METHODS USED	REAL INTEGRATIONS BEHIND THEM
Dashboard	<code>api.dashboard.getKPIs</code>	All — aggregated
Reconciliation	<code>api.reconciliation.getMismatches</code>	DGFT + ICEGATE + HDFC + ICICI
Refunds	<code>api.refunds.list/get/submitDeficiencyReply</code>	GSTN (via GSP) + ICEGATE
eBRC	<code>api.ebrc.listPendingIRMs/selfCertify</code>	HDFC + ICICI + DGFT eBRC API
EPCG/AA	<code>api.epcg.list/fileEODC</code>	DGFT EODC system
Documents	<code>api.documents.list/upload</code>	S3 + OCR (on upload)
Settings → Integrations	<code>api.settings.getIntegrations/connectIntegration</code>	OAuth flows for each
API Console	All 50+ methods	All

When you swap to live: change `window.api.config.mode = 'live'` and the entire UI starts hitting real endpoints. No HTML changes needed.