

VISION & IDEA

eMbox

The Idea & Vision — eMbox Platform

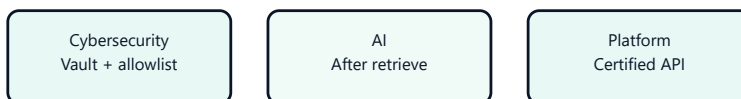
Cybersecurity + AI + Platform for the last mile of official communication

Platform vision

Market + roadmap

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Document intelligence only after private retrieve — never on outdoor display

Fig. 1 — eMbox three-layer stack

Vision

We'll help you secure the last mile like nobody's business.

Regulated senders need proof mail reached your physical address. eMbox is the secure receiver — your phone is where reading happens. We are infrastructure, not a gadget category.

Three Pillars

Cybersecurity

Zero-trust vault at your address. Encrypted, sender-verified, glance-only outdoors.

AI

Document intelligence after retrieve — summaries, deadlines, routing on your terms. Never on outdoor display.

Platform

Certified Send API for banks, government, utilities — proof by default, webhook receipts.

Market Opportunity

Thesis: Replace \$10.48 certified letters with \$2.50–\$4.00 digital delivery while eliminating mailbox theft and privacy exposure.

\$3–10+

Per certified bank statement today

\$12.7B

Mail theft losses annually

50+

Countries with registered mail — no home digital receiver

Revenue engines

- Consumer: App \$6/mo, Digital Pro \$9/mo, Home Vault \$249 + \$9/mo
- Senders: Certified Send \$3.49/delivery, volume tiers, enterprise KMS
- Platform: HOA notices, ESG metering API, insurance partnerships

Product Roadmap

- Indoor print module
- Indoor companion display
- Household profiles & away mode

- Insurance agency + carrier Certified API pilots (multi-line, health, commercial, HO, small business)
- Software-only household scale before hardware SKU
- USPS last-mile handoff
- Phone-side AI summarization (post-retrieve only)
- Airline certified delivery — boarding passes, flight bills, SITA-class ops copies

Engineering Phases

1. Phase 0: Protocol + crypto packages (address token, ledger, encrypt/sign)
2. Phase 1: Cloud API — Workers + D1 + R2
3. Phase 2: Device simulator + glance dashboard
4. Phase 3: Expo phone app — pair, retrieve, read, affidavit
5. Phase 4: Certified Send API + TypeScript SDK
6. Phase 5: Household vaults, capability tokens, duress PIN
7. Phase 6: ESP32 hardware — e-ink, NFC, secure element, enclosure

Smart Cities Extension

US municipal senders, HOA mass notice, and apartment lobby mesh — plus Gulf smart-city rollouts: Qatar Lusail/Msheireb compounds and Saudi Vision 2030 giga-projects (ROSHN, Diriyah Gate, Qiddiya, NEOM, Red Sea Global). ICT automates buildings; eMbox is the certified official-mail layer at SPL/national address — spec'd into handover packs and smart-community BOM.

Gulf smart cities

Qatar: Hukoomi + Tawtheeq + Tasdeeq — digital government without address-bound certified delivery. Pilots: MCIT, QCB, QIC, aviation B2B.

Saudi Arabia: Absher/Nafath at scale + 11 PIF giga-projects. Primary wedge: ROSHN handover, Diriyah/Qiddiya Expo 2030 corridor. Pilots: DGA, SAMA, Qiwa.

Full Gulf brief: <https://embox-site.pages.dev/global#qatar> · <https://embox-site.pages.dev/global#ksa>