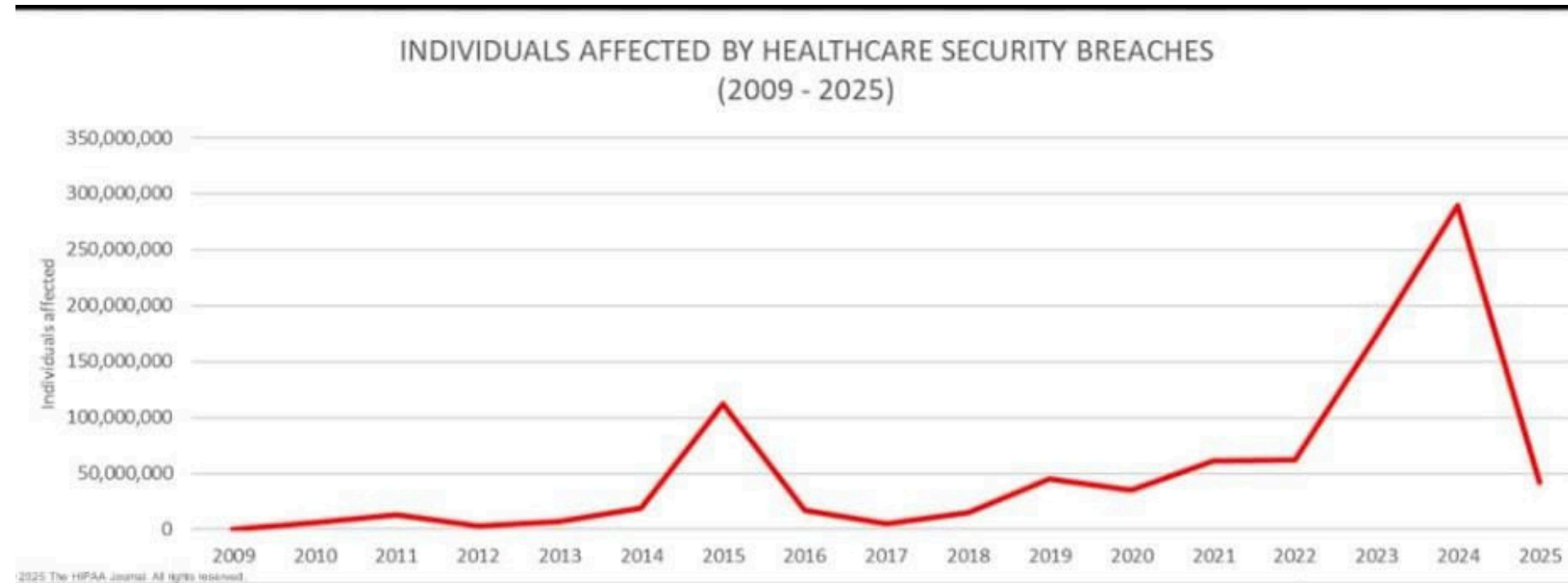
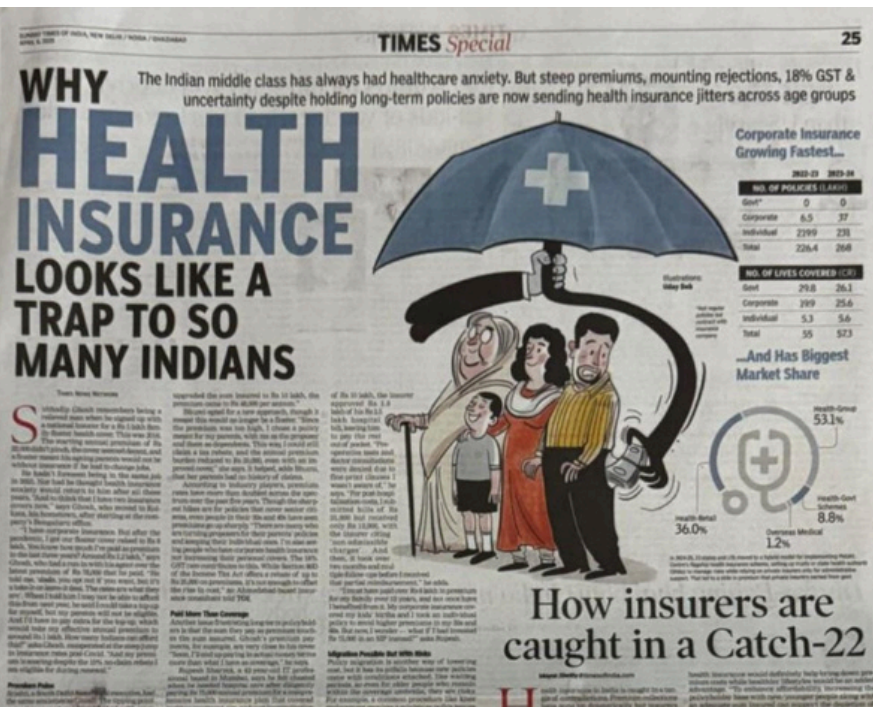


The Healthcare Liability Crisis

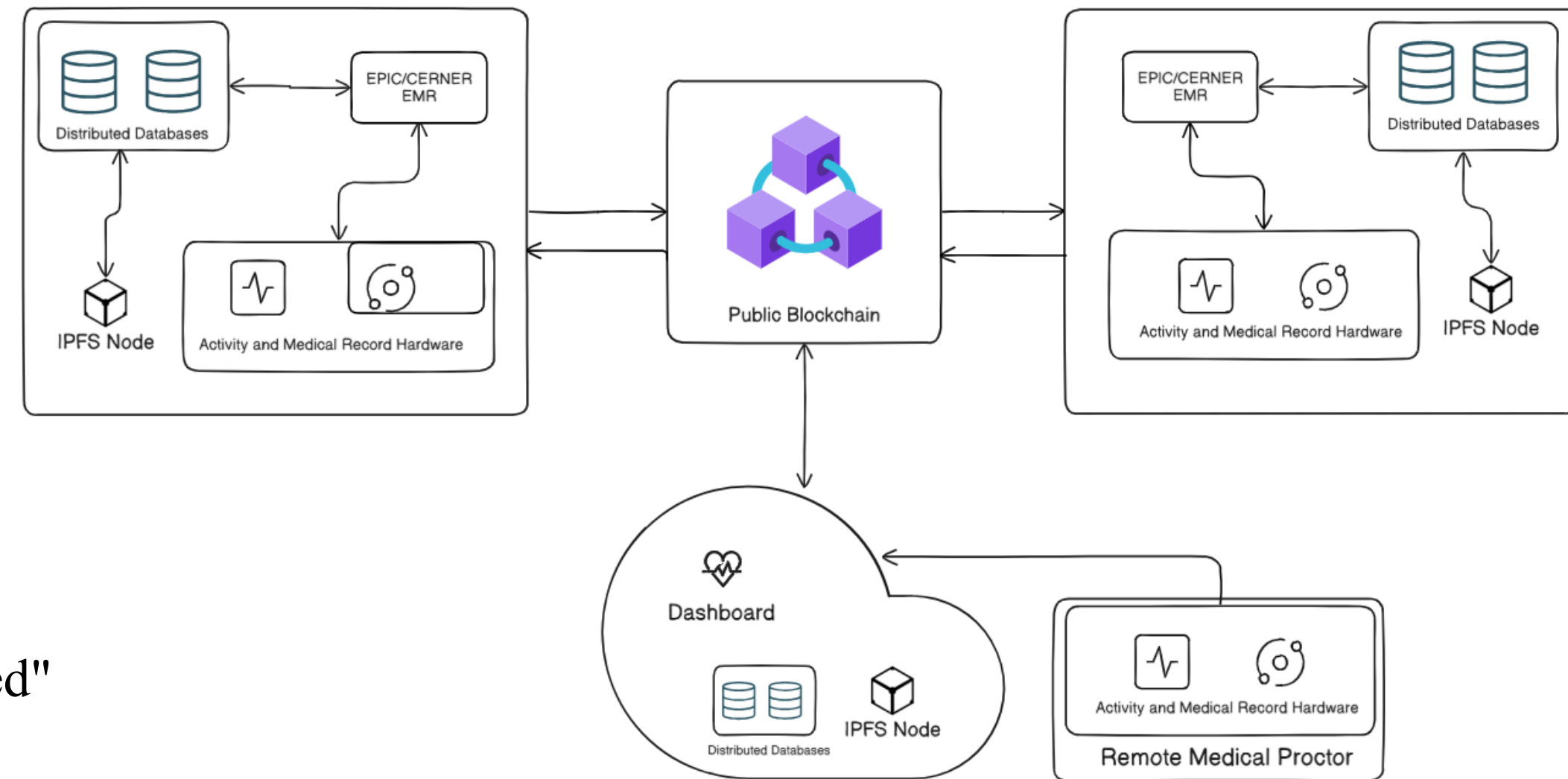
If It's Not Immutable, It's a Liability.



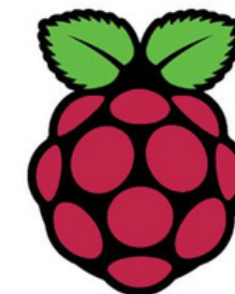
- **The Problem:** Hospitals operate in a "Trust Gap." Current EMRs are passive filing cabinets. When a patient deteriorates, hospitals often cannot prove they met the standard of care before the crash. This lead to billions in malpractice settlements.
- **The Reaction Gap:** Standard monitors only alert doctors after a disaster. Reactive care is expensive care.
- **The Silo Issue:** Patient data is trapped in disconnected islands. Moving records between hospitals still relies on insecure faxes and CD-ROMs.
- **The Insight:** Hospitals don't need another database; they need a Black Box an indestructible, predictive record of truth.



- **Intelligent Medical Agent (C.A.R.E. Edge):** Our AI engine sits at the bedside, identifying life-threatening patterns 10 minutes before they happen. It runs locally, ensuring zero-latency alerts even if the hospital's internet fails.
- **The Digital Notary (Blockchain):** We use Merkle Root Anchoring to "notarize" every second of care. We create a permanent, unchangeable receipt of monitoring that protects doctors from lawsuits.
- **Shadow Identities:** Patients are "invisible" on the network via unlinkable addresses, preventing data-scraping.
- **Crypto-Shredding:** We satisfy GDPR/HIPAA. By destroying off-chain decryption keys, data is "deleted" into unreadable noise while the audit trail remains intact.



- **The Revenue Wedge (CMS 2026 Rule):** The CMS 2026 Final Rule expands reimbursement for Remote Patient Monitoring (RPM). Our blockchain provides the "Audit-Proof Usage" data required to guarantee insurance payouts (CPT 99454).
- **Sustainability & Feasibility: Plug-and-Play:** Plugs into existing monitors via HL7-FHIR standards. No \$1M hardware overhaul required.
- **Scalable SaaS:** A low-cost subscription that pays for itself in just 3 approved insurance claims.
- **Project Stack & Budget (MVP Only):**
- **Hardware (\$180):** Raspberry Pi 4 (Edge Hub), Arduino Uno (Mock Sensors), SpO2/ECG modules.
- **Software (\$0):** Python (Engine), Solidity (Contracts), Polygon (Network), Biconomy (Gasless UX).



RaspberryPi