

Admin & Operations Command Dashboard

Centralized real-time console for multi-speciality doctor credentialing, in-transit emergency life support telemetry with audio-visual buzzers, 24x7 Jan Aushadhi pharmacy network, and DPDPA 2023 consent compliance.

12,450+	420+	1,280+	85+	Rs. 540k	99.98%
Active Patients	Verified Doctors	24x7 Pharmacies	ALS Ambulances	Monthly MRR	Platform Uptime

Core Operational Modules & Command Capabilities (Part 1)

1. Executive Operations Telemetry 18 Real-Time Platform KPIs tracking patient acquisition, active OPD queues & gateway latency. Recharts Visuals: Monthly MRR curves, booking conversions & speciality density charts. Live Audit Stream: Immutable logging of administrative actions and doctor credentials.	2. Patient Directory & Longitudinal EHR Unified Patient Profiles: Demographics, emergency contacts, blood group & ABHA links. Care Timeline: Longitudinal consultation records with digital Rx and diagnostic lab reports. Consent Governance: 1-click account freeze and DPDPA Section 6 consent audit export.
3. Doctor Practice & Credentialing Credentialed Directory: Filter by verification status, tier (Basic/Premium/Gold) & city. Growth Telemetry: Real-time tracking of profile views, patient calls & navigation clicks. Tier Upgrades: Instant plan tier modifications, council registration audit & profile drawer.	4. Clinical Verification Center Medical Council Verification: State Council authenticity check & NMC compliance. Document Inspector: High-res inspection of Registration Certificates, MD/MS degrees & IDs. 1-Click Action Workflows: Instant Approve, Reject with statutory reasons & Request Clarification.
5. Live National Geolocation Grid Dark Slate Visual Grid: High-contrast map plotting partner clinics across major cities. Facility Administration: Operating timings, doctor capacity & GPS coordinate validation. City Density Analytics: Coverage heatmap across Delhi NCR, Mumbai, Bengaluru & Chennai.	6. In-Transit Emergency & Vitals Telemetry Live GPS Telemetry HUD: National ERSS 112 dispatch, siren status & transit speed. Blinking Vitals Telemetry: Real-time SpO2, Heart Rate, BP & ECG rhythm waveform. Critical Alarm Buzzer: Audio-visual warning strobe when patient vitals enter critical thresholds.

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Operations Modules, Chemist Network & Cyber Defense (Part 2)

7. Nearby Pharmacy & Chemist Hub

- **24x7 Night Chemist Locator:** Real-time open/closed badges & doorstep delivery SLA.
- **PMBJP Jan Aushadhi Hub:** Generic medicines catalog with up to 80% price discounts.
- **Stock & Pricing Inspector:** Generic substitute comparison & 1-click WhatsApp order dispatch.
- **Drug License Verification:** Form 20B/21B & Pharmacy Council ID onboarding check.

9. Subscription & Monetization Engine

- **Doctor Tier Packages:** Basic (Rs. 199), Premium (Rs. 499), Gold (Rs. 999) with 92% renewals.
- **Automated Renewal Queues:** Expiry buckets for ≤30d, ≤15d, ≤7d with 1-click renewals.
- **MRR & Churn Telemetry:** Real-time revenue forecasting and practitioner retention metrics.

11. SOC Cyber Defense & Dynamic WAF Shield

- **Threat Surveillance:** Real-time monitoring of Brute Force, Scrapers & SQLi attempts.
- **Dynamic IP Defense:** 1-click IP blacklist, subnet quarantine & malicious traffic isolation.
- **Emergency Platform Freeze:** Instant security lockdown toggle to prevent data leaks.

8 Enterprise RBAC Roles

- **Super Admin** (Jason Joe): Root system governance & security.
- **Operations Lead:** Facilities, emergency telemetry, ambulances.
- **Verification Officer:** Doctor credentials & pharmacy licenses.
- **Pharmacy Chemist:** Store stock, generic pricing & WhatsApp orders.
- **Security SOC:** Threat surveillance, WAF rules & freeze toggle.
- **Finance Lead:** Subscriptions, Razorpay settlements & GST.
- **Compliance DPO:** DPDPA consent logs & statutory exports.
- **Customer Support:** Appointments, patient tickets & PA routing.

8. 24x7 Emergency Hospitals & Blood Banks

- **Critical Care Network:** Level-1 trauma centers, blood banks & live ICU bed availability.
- **Emergency Hotline Routing:** Direct connection with 102/108 state ambulance dispatchers.
- **Facility Capacity Administration:** Real-time emergency readiness monitoring.

10. Razorpay Gateway & 18% GST Ledger

- **Automated Financial Ledger:** Razorpay & UPI settlements with automated 18% GST split.
- **Interactive Fiscal Charts:** Daily, Monthly, Yearly comparison of Net Revenue vs Taxes.
- **Statutory Invoicing:** Automated GST-compliant PDF invoice generation and CSV exports.

12. Multi-Channel CRM & DPDPA Consent

- **Transactional Gateway:** FCM Push notifications, DLT India-compliant SMS & emails.
- **Targeted Campaigns:** Broadcast announcements by city, medical speciality or user role.
- **DPDPA Section 6 Governance:** Multilingual consent artefacts & immutable audit logs.

Production Architecture Stack

- **Next.js 15 & React 19:** Optimized static & server components.
- **TypeScript & Tailwind CSS:** Dark Slate high-contrast design.
- **Leaflet & Recharts:** Interactive maps & responsive charts.
- **Android Jetpack Compose:** Material 3 Kotlin mobile app.
- **Room DB & Firebase:** Offline-first data caching & cloud sync.
- **OpenJDK 17 & Gradle 8.9:** Enterprise compilation toolchain.
- **Statutory Compliance:** DPDPA 2023, DISHA, NMC & Drugs Act.
- **Zero-Lag Data Export:** 1-click CSV, Excel & PDF compliance packs.

Web Launch: npm run dev in dashboard • http://localhost:3000 | Android App: ClinicBridge_v1.0.0_debug.apk

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