Medspire HMIS — the brochure

One system for the whole hospital, built from the ward

Medspire HMIS
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Every screen in this system exists because something went wrong in a real ward and somebody wrote it down. Front desk to discharge, pharmacy to claims, ABDM to NABH — one product, per bed per month, users unlimited.

15	256	146	4,067
hospital modules	screens	ward stories	automated tests per release

The modules

Front desk (9 screens) Registration with ABHA, appointments, the OPD queue, emergency board, wristbands, medical records, merges and the patient's own portal.

Clinical (13 screens) Consultation, e-prescription with interaction and dose checks, dictation in Indian languages, vitals, allergies, referrals, tele-consultations, medical certificates, diabetic foot reviews, discharge summaries and the clinical decision support that reads the chart.

In-patient (IPD) (75 screens) Beds and wards, admissions, rounds, the drug chart, early-warning scores, fluids, oxygen, catheters, restraints, handover, consent, transfers, deterioration, resuscitation status, stroke and heart-attack clocks, patient transport, mental health admissions, organ donation and discharge feedback — the ward as it actually runs.

Blood bank (11 screens) Donors, units, grouping and cross-match, requests, issue and transfusion reactions, expiries and the daily stock.

Operation theatre (13 screens) Theatre lists, scheduling, the WHO checklist, counts, implants, anaesthesia record, specimens, consent, utilisation.

Laboratory (16 screens) Orders, worklists, HL7 analysers, verification, critical results, QC, outsourcing, histopathology, TAT and the printed report with the letterhead.

Quality & safety (21 screens) Incidents and near misses, audits, hand hygiene observation, clinical record audit, staff immunisation and radiation dosimetry, system downtime, research participants, isolation, infection, complaints, mortality review, drills, NABH evidence.

Radiology (6 screens) Modality worklist and MPPS over DICOM, reporting, dose, films out and back, no-shows, TAT.

Pharmacy (12 screens) Batch-wise stock, schedule H and narcotics, dispensing against the prescription, returns, expiry, indents, GST purchase.

Stores & assets (10 screens) Stores and indents, purchase orders, assets with maintenance and breakdowns, calibration, linen, waste, water plant, cold chain.

Workforce (15 screens) Staff, roles and access, roster, attendance, leave, on-call, competency, payroll.

Billing (13 screens) GST invoices and e-invoice, deposits, packages, discounts with approval, refunds, day-end, cashbook, payables, TDS, GST returns and the finance dashboard.

Analytics (16 screens) Fourteen dashboards and ninety-eight reports with filters, drill-down and CSV/PDF/Excel export, on ninety days of seeded history in the demo.

Reports (3 screens) Registers and lists from every module — the OPD register, the admission register, the day book — to print on the letterhead or export to Excel.

Setup (23 screens) Hospital profile, departments, doctors, tariffs, tax, number series, users, letterheads, notification templates.

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AI in the box

Ask the record A question in plain words, answered from this patient's own visits, labs and summaries, with citations. Every question is in the audit log.

Voice dictation and AI drafts Consultations and ward notes dictated in Indian languages; discharge summary, the patient's story and the lab explanation drafted for a clinician to sign.

Outside documents, read Photograph a prescription or report from another hospital; OCR and extraction turn it into medicines, lab values and diagnoses for review — copied, never invented.

Early warning that never tires An early-warning score off the observations already charted, 52 interaction pairs and 50 dose rules — the deterioration board goes amber first.

In the patient's language The patient's own copy, consent and complaints in Hindi, Gujarati or Marathi — and the sheet handed to somebody who cannot read it.

The assistant Help on every screen that answers from the product's own knowledge, cites the screen, and says "I don't know" rather than invent.

Compliance is a screen, not a binder

ABDM / ABHA (NHA) ABHA creation and linking at registration with OTP; HIP/HIU data exchange with the consent manager; FHIR document bundles built from the chart; the ABDM audit trail.

NABH (5th edition) Incidents with root-cause actions, hand-hygiene and isolation audits, hospital-acquired infection surveillance, consent registers, competency records, quality indicator dashboards, NABH evidence binder screen.

GST and e-invoicing (CBIC) Tariff-wise GST, exempt/taxable split on every bill, e-invoice IRN generation, GSTR-1 and 3B workings, GST reconciliation, TDS ledger and certificates.

Digital Personal Data Protection Act 2023 Consent recorded per purpose, every disclosure of a record written down (who, what, how), audit log of every view, patient portal for their own records, retention schedule, role-based access.

Clinical Establishments Act & state registers Every register is a screen with the statutory columns and a print; MLC with police intimation; PCPNDT Form F per scan; MTP with the opinions; births and deaths with the certificates.

Bio-Medical Waste Rules 2016 Waste register by ward and colour, weights per pickup, the operator's manifest, monthly totals for the return.

Drugs & Cosmetics — Schedule H / H1 / X Dispensing blocked without a prescription for scheduled drugs, the H1 register written automatically, narcotic stock with two-person issue.

Blood bank licence (Drugs & Cosmetics Rules) Donor deferral rules, unit lifecycle from collection to issue, cross-match with the result, transfusion reactions reported, discard register.

Medical Council / NMC prescribing norms Prescriptions printed with generic names, the registration number from the doctor master, e-signature audit.

Telemedicine Practice Guidelines (2020) Tele-consultation record with the registration number, patient location and consent, the 180-day follow-up check, medicine lists by consult type, red-flag referral, and the prescription delivery board. The video call itself is not hosted.

Mental Healthcare Act 2017 (workflow support) Records the basis of admission, the representative and doctors, the rights and directive checks, the days of authority and the board notification, and allows an extension only near the end of the period. The periods are set as hospital policy; each hospital confirms them with its own counsel.

Radiation safety — staff dosimetry Badge issue by person and period, an overdue list, readings with a running twelve-month total and flags at the hospital's investigation level. Limits are configured with the radiation safety officer, not assumed.

PMJAY / state scheme rules Pre-auth workflow with the package master, claim documents attached, query responses tracked, settlement ageing by scheme.

Interfaces included

ABDM (NHA) Sandbox and production gateways; FHIR R4 bundles; Fidelius encryption

Lab analysers — HL7 v2 MLLP listener and outbox; ORM/ORU; per-analyser mappings; tested with common haematology and biochemistry analysers

Radiology — DICOM fo-dicom listener; worklist from orders; PACS viewer link

GST e-invoice (IRP) e-invoice JSON, IRP API, GSTR workings

SMS and WhatsApp MSG91, Twilio, Meta WhatsApp Cloud API; templates per hospital

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Speech and documents (Azure) Azure Speech; Document Intelligence for scanned reports

Clinical assistant (Azure OpenAI / on-prem LLM) Azure OpenAI or any OpenAI-compatible on-prem model; de-identified prompts only

Accounts Tally-compatible exports; cashbook and payables CSV

Payment gateways The webhook posts the receipt; refunds and settlements by UTR; a built-in sandbox to try it without a merchant account

Integration API REST /api/v1 with per-hospital keys and scopes or OAuth2 client credentials, OpenAPI docs, Postman collection, FHIR bundles — see /developers

Webhooks & exports Signed webhooks for patients, appointments, admissions, invoices, payments and results with retries and a log; CSV exports and a Tally XML voucher feed for the first load

Printing QuestPDF documents; ZPL/label printers; barcode and QR on every document

Pricing

Starter ₹400 per bed per month (up to 30 beds, 25 users, monthly). Hospital ₹650 per bed per month (users unlimited, annual, billed quarterly). Group — per bed with a group dashboard; ask. Exclusive of GST. Go-live quoted once, by bed count. No per-user, per-module or per-interface charges on Hospital and Group.

Hosting

Microsoft Azure India regions as a managed tenant, your own Azure/AWS subscription, or a server in the hospital — the same build, the same price. Data never leaves India. Encrypted backups hourly, restore drills quarterly.

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