BIOMEDICAL ASSET MANAGEMENT FOR HOSPITALS

Know the status of every device, on your own infrastructure.

Equipment register, complaints with SLA tracking, preventive maintenance, ADHICS-aligned asset management, KPI reports and e-mail alerts — one self-hosted product, installed on your own Windows server or Docker host.

90	2	0	100%
DAYS FREE TRIAL, PER DEVICE	INSTALL PATHS — WINDOWS MSI OR DOCKER	CRITICAL SECURITY FINDINGS OPEN	SELF-HOSTED — YOUR DATA, YOUR INFRASTRUCTURE

The Problem

Biomedical engineering teams typically track equipment in a spreadsheet, faults on paper or in a generic ticket tool, and preventive-maintenance schedules in yet another system — with compliance evidence assembled by hand, under deadline, from whichever of those happens to still be accurate. Nothing talks to anything else, and no one can answer "which devices are overdue for service, and are we ready for our next compliance review?" without manually cross-referencing several files.

The BiomedForge Answer

One data model. A complaint references the exact piece of equipment it concerns. A device's service history, calibration and PPM status feed directly into the ADHICS asset-management view and the KPI dashboard. Everything is queryable, exportable and auditable from a single system of record — installed entirely on your own Windows server or Linux/Docker host, not a third-party SaaS backend, with no internet connection required to run it.

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What You Get

EQUIPMENT REGISTER

A full asset register by department and room, with service history, calibration certificates, moves and disposal records. Bulk import from any spreadsheet layout through a mapping-driven wizard.

COMPLAINTS & SLA

Fault reports with SLA targets by priority, assignment and escalation rules, a quick scan-the-tag reporting page for ward staff, and e-mail intake so a fault report by email becomes a tracked ticket automatically.

PREVENTIVE MAINTENANCE

Checklist-driven PPM and planned work orders, automatically created ahead of due dates for PM, calibration and electrical safety tests, with completion tracked back to the asset record.

ACCESS PRIVILEGE REVIEW

A digitised, server-enforced maker-checker review cycle for who can access what — replacing a paper form with an auditable workflow that cannot be approved by the same person who raised it.

ADHICS ASSET MANAGEMENT

A real control library for Asset Management (ADHICS Domain 2) plus the equipment-specific siting, maintenance and access controls, with evidence attached to the actual asset record it concerns — not a generic spreadsheet checklist.

KPIS, REPORTS & ALERTS

Live KPI dashboards with trend history, scheduled PDF/Excel reports, and e-mail/Telegram/webhook alerts for SLA breaches, overdue service and failed deliveries — nothing leaves your infrastructure to get there.

CAPA & KNOWLEDGE BASE

Corrective and preventive actions raised from a failed PPM record, a ticket or an ADHICS gap, with an owner, a due date and a verified effectiveness check; a knowledge base of SOPs and guides linked to equipment categories and models.

RISK REGISTER

A unified register for information-security (CIA) and DOH/clinical-safety risk, with a likelihood×severity scoring matrix, treatment tracking, and optional links to a CAPA or a specific ADHICS control.

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Security You Can Verify, Not Just Trust

Most vendors ask you to take their security posture on faith. We publish ours: BiomedForge has been through a structured internal secure-development programme — secure-by-design rules applied from the start, a formal internal security assessment, and multiple rounds of internal bug-hunting with independent AI-assisted review tooling — with every finding tracked to closure and zero critical or high-severity findings left open. Full detail is available in the companion Security Posture Report and VAPT Report.

> **Self-hosted by design.** Your data stays inside your own infrastructure — on-premises or in your own UAE region cloud tenancy, your choice. No third-party analytics, no external fonts or CDNs at runtime, and no patient-identifiable data is needed by the system: it manages equipment and maintenance records, not patient records.

Built for Hospital Operations

The equipment register, complaints and ADHICS evidence all live in one place, so a biomedical engineering team can answer "what's the status of this device, and is our documentation ready for review" without leaving the screen they're already on. Arabic language and right-to-left layout are supported as a full second language throughout the interface.

READY TO SEE IT RUNNING ON YOUR OWN DATA?

Every installation starts with a 90-day free trial, no commitment. Contact NurIQ Technologies for a live walkthrough or to get BiomedForge running on your own server.

nuriqtechnologies.uk

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