



OPEN PROPOSAL

ULTRAHEALTH

Clinic & Hospital Management Information System

Digitizing Healthcare Operations

One integrated platform for patient care, billing, pharmacy, laboratory, radiology, insurance claims, reporting and hospital administration.



ULTRATEC Investment Limited

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Introduction to ULTRAHEALTH

ULTRAHEALTH is a Clinic and Hospital Management Information System developed by ULTRATEC Investment Limited to help healthcare institutions digitize and simplify daily operations. The system is designed for clinics, dispensaries, health centres, polyclinics and hospitals that need a reliable, flexible and user-friendly solution for managing clinical, administrative and financial operations.

Executive Summary

ULTRAHEALTH helps healthcare institutions improve patient care, strengthen revenue control, simplify insurance processes and enhance operational efficiency through one centralized digital platform.

The system combines clinical, administrative, financial and reporting functions into a single solution, enabling healthcare providers to manage daily operations more effectively and make informed decisions for sustainable growth.

Key Features of the System

PACS Integration for Radiology Integrates directly with Ultrasound, X-ray, CT Scan and MRI machines. Images are captured, archived and accessed securely for faster diagnosis, reporting and clinical decision-making.	LIS Integration for Laboratory Automates laboratory test requests and results through direct communication with lab machines, reducing manual entry and improving accuracy.
Payment Integration Supports M-Pesa, AzamPesa, Selcom and CRDB integrations for convenient payments, real-time transaction tracking and stronger financial control.	NHIF & Jubilee Direct Integration Supports patient verification, pre-approval, service approval, admission, discharge, referral management, tariff retrieval and online claim submission.

System Modules Overview

ULTRAHEALTH is a comprehensive and modular system designed to streamline clinical, operational and administrative workflows within healthcare institutions.

1. Clinical & Hospital Modules

Patient Registration

Captures patient profiles, medical history, visit records, biometric details and supporting documents.

Appointment Management

Manages appointments, follow-ups, consultation schedules, reminders and service bookings.

Queue Management

Displays and manages patient queues in real time across reception, consultation rooms, laboratory, radiology, pharmacy and cashier.

Consultation & EMR

Enables doctors to record clinical notes, diagnoses, prescriptions, treatment plans and access patient history in real time.

Nursing Operations

Supports vitals recording, medication administration, patient monitoring, transfers and nursing care documentation.

Laboratory Management

Manages lab requests, sample tracking, results recording and LIS integration for automated result exchange.

Radiology & PACS

Supports imaging requests, radiology reporting, image storage and direct PACS integration for diagnostic workflows.

Pharmacy Management

Manages prescriptions, dispensing, stock levels, expiry tracking, restocking alerts and inventory control.

Billing & Cashier Operations

Automates invoices, receipts, payments, insurance billing, cashier transactions and real-time financial tracking.

Insurance & Claim Management

Supports NHIF and Jubilee workflows, verification, approvals, tariff retrieval, referrals and online claim submission.

Ward & Bed Management

Monitors admissions, bed allocation, ward occupancy, transfers, discharge planning and inpatient records.

Theatre Management

Manages surgical scheduling, theatre allocation, pre-operative and post-operative records.

Diagnosis Coding

Supports standardized diagnosis coding, including ICD-10, for clinical documentation and reporting.

Document & Image Management

Stores patient documents, scanned files, investigation reports and clinical images securely.

Stock, Inventory & Asset Management

Tracks medical supplies, consumables, assets, usage history, reorder levels and stock movement.

Reporting & Analytics

Generates clinical, operational, financial, insurance, inventory and MTUHA reports with KPIs.

Real-Time Notifications & Alerts

Sends alerts for appointments, low stock, critical results, pending approvals and operational updates.

2. Administrative & Office Management Modules

These modules strengthen internal control, improve administrative efficiency and support better institutional management.

Staff Management

Manages staff profiles, departments, job roles, contracts, performance records and employment details.

User Roles & Access Control

Controls permissions based on roles and responsibilities, ensuring data security, accountability and workflow control.

Finance Management

Manages vouchers, receipts, ledgers, payments, expenses, fee tracking and financial reports for audit readiness.

Human Resource Management

Supports payroll, leave management, staff promotions, loans, appraisals, attendance and HR operations.

Procurement Management

Manages purchase requests, approvals, suppliers, stock receiving and procurement tracking from requisition to delivery.

Backup & Data Security

Provides automatic backups, user activity logs, access control, data protection and secure recovery.

Implementation & Support

Our team provides end-to-end implementation support, including system setup, workflow customization, user training, data migration, go-live assistance and ongoing technical support. This ensures smooth adoption with minimal disruption to daily operations.

Security, Backup & Data Protection

ULTRAHEALTH is built with strong security controls to protect institutional and patient information. The system supports role-based access control, user activity tracking, automated backups, secure recovery and controlled access to sensitive data, ensuring confidentiality, accountability and business continuity.

Why ULTRAHEALTH

Healthcare institutions today require more than basic record keeping. They need a secure, integrated and scalable platform that supports clinical excellence, operational efficiency, financial accountability and data-driven decision-making.

ULTRAHEALTH helps solve common challenges such as manual paperwork, delayed reporting, weak billing control, poor inventory tracking, slow insurance processes and limited visibility of daily operations.

Data Migration from Existing Systems

We support migration from existing systems to ULTRAHEALTH. Our technical team can assess current databases or available records, clean and organize the data and securely transfer key information such as patient records, staff details, inventory, billing history and operational data into the new system.

Our Experience

ULTRATEC has experience implementing healthcare information systems for facilities of different sizes and operational levels. Our solutions are designed to address real-world challenges in patient management, billing, pharmacy operations, laboratory services, insurance processing, reporting and administrative control.

Suitable For

- Dispensaries
- Clinics
- Health Centres
- Polyclinics
- Hospitals
- Specialized Healthcare Facilities

Request for Demo

We would appreciate the opportunity to conduct a short demo session for your institution. The demo will show how ULTRAHEALTH can support your operations, improve efficiency and be customized based on your facility's workflow.

Our pricing is flexible and depends on the level, size and operational needs of each healthcare facility. This allows dispensaries, clinics, health centres, polyclinics and hospitals to use ULTRAHEALTH without unnecessary financial pressure while accessing the modules that match their requirements.

Ready to Transform Your Healthcare Operations?

Schedule a free demo today and discover how ULTRAHEALTH can help your institution improve efficiency, strengthen operational control and deliver better patient care.

Contact Details

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