



Software Solutions

Healthcare Industry

Visit Our Website
auroxsolutions.com





Our Company

Aurox Solutions, led by Founder and Managing Director Mr. Mansoor Ahmed Siddiqui, and Director Mr. Abdul Rehman, delivers tailored healthcare software solutions. Our team's deep expertise ensures cutting-edge technology to drive innovation and operational efficiency for businesses in the healthcare industry.

We specialize in creating scalable, user-friendly systems that streamline workflows. At Aurox, we are committed to empowering organizations with solutions that foster growth and long-term success.

Abdul Rehman Chohan
Director-Aurox Healthcare



Vision And Mission



Our Vision

At Aurox Software Solutions, our vision is to be the leading provider of transformative healthcare technology solutions, empowering medical institutions to deliver better patient care through innovative, efficient, and scalable software systems. We aim to revolutionize healthcare management by seamlessly integrating technology into every facet of healthcare operations, driving excellence and improving patient outcomes.



Our Mission

Our mission at Aurox Software Solutions is to develop cutting-edge, user-friendly software that enhances the operational efficiency of healthcare providers. By focusing on hospital management, pharmacy and laboratory systems, and OPD management, we aim to simplify complex healthcare processes and enable institutions to concentrate on patient care. Committed to innovation, compliance, and client satisfaction, we strive to be the trusted partner in healthcare digital transformation.

Key Modules



**Patient Management
Module**



**Pharmacy
Module**



**Billing
Module**



**Laboratory
Module**



**User & Role
Management**



**Inventory
Management**



IPD Management



Reporting

Patient Management



Maintains detailed and up-to-date patient profiles, including medical history, treatment plans, and appointment histories, accessible to authorized healthcare providers for coordinated care.



Facilitates efficient scheduling of patient appointments with automated reminders and notifications to reduce no-shows and improve appointment management.



Enables electronic prescribing with integrated decision support, allowing for accurate, error-free medication orders and seamless communication with pharmacies.



Pharmacy Module



Offers support for multiple Point of Sale (POS) systems, enabling seamless transactions across various sales channels and locations.



Multi-Level Purchase and Approval: Implements a three-level purchase and approval process, facilitating hierarchical review and authorization to enhance control and compliance in medication procurement.



Inventory Control: Provides real-time tracking of medication stock levels, automated reordering, and management of expiration dates.



Laboratory Module



Facilitates sample collection from various locations, ensuring streamlined data entry and tracking across multiple collection sites. This feature enhances operational flexibility and patient convenience.



Offers comprehensive management of test orders, processing, and results reporting. It includes automated workflows for sample handling, test execution, and result validation, ensuring accuracy and efficiency in laboratory operations.



Provides powerful tools for analyzing test data, generating detailed reports, and extracting actionable insights.



IPD Management



Streamlines the admission and discharge processes, managing patient beds, room assignments, and tracking patient status throughout their stay.



Facilitates real-time entry and access to patient medical records, treatment plans, and progress notes.



Automates the billing process for streamlined claims processing and financial management. It includes features for generating detailed patient invoices and tracking payments



Common Features



Role-Based Access Control: Features a role-based system that restricts access and actions based on user roles, ensuring data security and operational integrity.



Each module is designed to integrate with other systems and modules (e.g., EHR, LIS, Pharmacy) to ensure a unified workflow and smooth data exchange across the healthcare ecosystem.



Offers detailed reporting and advanced analytics features, enabling users to generate insights from operational data for informed decision-making and continuous improvement.



Keys Features



1

Integrated System

Seamlessly integrates various hospital functions (e.g., patient management, billing, pharmacy) into one unified system, ensuring smooth data flow and reducing duplication.

2

Data Security and Privacy

Ensure the confidentiality, integrity, and availability of patient data by adhering to strict security standards and regulations. Implement robust access controls and data encryption measures

3

User-Friendly Interface

Provide an intuitive and easy-to-use interface that is accessible to healthcare professionals of varying technical backgrounds. Minimize training requirements to facilitate rapid adoption

4

Real-Time Data Access

Provides real-time access to patient information, medical records, and operational data, allowing for timely decision-making and efficient workflow management

5

Role-Based Access Control

Provides granular access controls based on user roles to ensure that sensitive information is only accessible to authorized personnel

Benefits of an Enterprise-Level EHR



Improved Patient Care

Comprehensive patient data in one place enables healthcare providers to make informed decisions and deliver high-quality care. Real-time access to medical history, medications, and test results enhances patient safety and outcomes.



Increased Operational Efficiency

Streamlined clinical workflows and automation reduce administrative burdens and minimize errors. Improved scheduling and resource allocation optimize productivity and reduce waste.



Enhanced Patient Safety

Automated medication checks and allergy alerts reduce the risk of adverse events and medical errors. Enhanced tracking and management of patient allergies and conditions ensure personalized care.



Better Financial Management

Accurate billing and coding, and reduced claim denials, improve revenue cycle efficiency and reduce financial losses. Real-time analytics and reporting enable data-driven financial decision-making.



Data-Driven Insights and Analytics

Real-time analytics and reporting capabilities provide actionable insights into patient outcomes, quality metrics, and population health. Data-driven decision-making enables healthcare organizations to optimize care, reduce costs, and improve patient satisfaction.

Key Components and Technical Specifications



Our HMS is built on a robust and scalable technology stack, designed to meet the demands of modern healthcare organizations. Leveraging industry-leading frameworks and tools, our solution ensures high performance, reliability, and flexibility.

Platform and Framework

- Built on Microsoft .NET framework for scalability and reliability
- Utilizes Telerik components for enhanced functionality and user experience

Architecture

- Web-based solution for accessibility and flexibility
- Supports multi-tenancy and cloud deployment options

Data Security & Storage

- Backend database: Microsoft SQL Server 2022 for secure and efficient data management
- Implements robust security measures, including encryption and access controls

Reporting & Integration

- RDLC (Report Definition Language Client-side) for dynamic and customizable reports
- Supports web services and APIs for seamless integration with external systems

Functional Components of the Hospital Management System



Integration Capabilities

HMS integrates with medical devices and external systems for real-time data flow and secure exchanges. It ensures compatibility with LIS and pharmacy systems for streamlined operations.

User Interface

The system offers a user-friendly, customizable interface tailored to individual workflows. Its responsive design ensures accessibility across devices and browsers.

Security Features

Robust security protocols, including role-based access control, protect sensitive data. Comprehensive auditing maintains the integrity and confidentiality of patient information.

Implementation and Support



Deployment options

HMS provides flexible deployment options, allowing organizations to choose between cloud-based solutions or on-premises installations. Both options ensure scalability and seamless integration with existing infrastructure.



Training and support

Comprehensive training, delivered by certified experts, equips users with the necessary skills to effectively utilize the system. Continuous technical support is available to address any operational challenges.



Maintenance and updates

The system includes free maintenance and software updates for the first month, ensuring optimal performance. Afterward, affordable maintenance plans are available to ensure long-term system reliability and security updates.

Client Success Stories



Baqai Institute of Diabetology & Endocrinology

At the Baqai Institute of Diabetology & Endocrinology (BIDE), the HMS has significantly streamlined patient data management, enhancing both clinical efficiency and patient care. The system's integration capabilities have improved real-time data access and reporting, contributing to more informed treatment decisions.

Diabetes Association of Pakistan

the Diabetes Association of Pakistan (DAP) has seen remarkable improvements in managing patient records and coordinating care. The HMS's user-friendly interface and robust support services have facilitated smoother operations and more effective diabetes management programs.

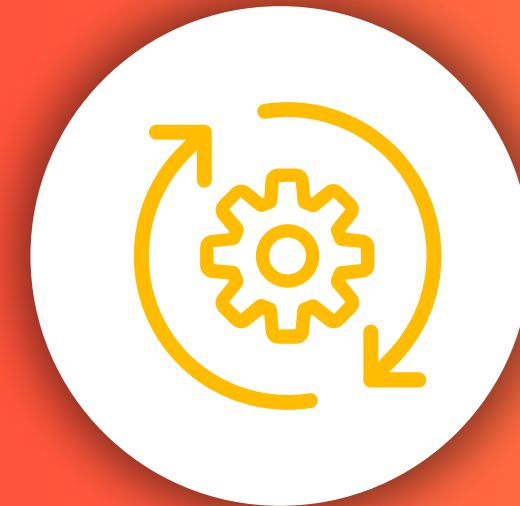


Pricing and Packages



Rental Pricing

Our rental pricing offers flexibility with scalable options based on the specific modules and features required. Each module's cost will be determined according to the customization and scope of the deployment.



Purchase Pricing

For on-purchase options, pricing is based on the selected modules and their complexity. We offer customization services on a nominal fee basis to tailor the system to your specific needs, with quotes provided upon request.

Meet Our Best Team

Our expert team at Aurox Software Solutions specializes in developing cutting-edge healthcare management systems, including EMR, hospital, and pharmacy solutions. With deep industry knowledge and a commitment to innovation, we ensure that healthcare providers operate efficiently, empowering them to focus on patient care while we handle the technology.



Abdul Rehman

Director

A seasoned professional with 20 years of experience, including a decade in healthcare IT, Mr. Abdul Rehman specializes in Full-Stack Development, Cloud & DevOps, and software architecture. His leadership and expertise in Agile methodologies drive effective and innovative solutions.



Mansoor A Siddiqui

Managing Director

Boasting 21 years of experience in Health IT, Mansoor Siddiqui holds an MS in IT and an M.Phil. He is a specialist in system analysis, implementation, and IT management, adept at integrating advanced technologies to enhance healthcare operations and drive system efficiency.



Rizwan Alam

Technical Manager

With 12 years of experience in Health IT, Mr. Rizwan Alam serves as a Technical Support Specialist. He brings extensive expertise in system deployment and provides robust technical support, ensuring seamless implementation and operational excellence for healthcare IT solutions.

Contact Us

Ready to optimize your healthcare operations with our innovative software solutions? Get in touch with Aurox Software Solutions today! Whether it's EMR systems, hospital management, or custom software needs, our team is here to assist. Contact us via phone, email, or visit our website to learn more.

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