

eHOpe

HEALTHCARE SOLUTIONS

To cope with the rising demand for improved healthcare services, and to manage the challenges of offering innovative healthcare solutions at competitive prices, the healthcare sector had to adopt comprehensive highly customized and affordable technological solutions that helped it move forward towards smarter healthcare.

■ BENEFITS

- eHOpe™ is a comprehensive, integrated, and communication-rich hospital management information system.

it relies on cohesive system architecture to synchronize healthcare delivery, and to ensure that the appropriate information is available to the people who need it, when they need it.

Designed and developed using Oracle tools and an Oracle database, eHOpe™ is a tightly integrated system that automates all the complex medical, financial, and administrative functions of today's modern hospital.

It also accommodates local cultures through Arabic language support and bilingual interface of the administrative and financial modules.

- eHOpe™ is advanced HIS and LIS solution with a TCO (Total Cost of ownership) similar to Open Source Solutions.

- eHOpe™ attractiveness is that it makes use of the easiest and most widespread international coding standards in medical informatics, medical records, and the delivery of medical care. All these codes are expandable by eHOpe™ users and updateable as new versions become internationally available. Some of the standard international codes adopted by eHOpe™ are:

- ICD (International Classification of Disease),
- CPT (Physician's Current Procedural Terminology),
- HCPCS (HCFA Common Procedure Coding System),
- and NUBC (National Uniform Billing Committee).

Today's hospital environment is more complex and more demanding than ever before. Rapid advancements in healthcare delivery and related services force hospitals to organize and manage large volumes of highly confidential information while continuously updating knowledge associated with these services.

The organizations that will survive are the ones that understand how to manage these fundamental changes. The architectural flexibility of an organization's information system determines its ability to succeed in new endeavors.

To meet the challenges of the new millennium, our healthcare management system's true power begins with its architecture, design, and structure.

■ OUR HEALTHCARE SERVICES ARE BUILT UPON THREE MAIN GOALS:

- Improving patient care
- Building revenue
- Controlling costs

Our handling of large-scale and sophisticated project is reliable due to our extensive and diverse experience, which has made us the only company in the region that can combine healthcare content knowledge with the latest software, hardware, and infrastructure and consulting services technologies.

MODULES: eHOpe™ is a comprehensive Oracle based hospital information system that consists of 35 modules.

■ MEDICAL MODULES

- Outpatient
- ADT
- Nursing
- Surgery
- Laboratory
- Blood Bank
- IVF
- Dietary
- Pharmacy
- Radiology
- Delivery
- Emergency

■ ADMIN MODULES

- Scheduling & Appointments
- Rules & Procedures
- Personnel
- Laundry
- Time Attendance
- Medical Library
- Telephone Directory
- Chart Tracking

■ FINANCIAL MODULES:

- General Ledger
- Accounts Payable
- Accounts Receivable
- Patient Billing
- Third Party Payers
- Payroll
- Stores Management
- Purchasing
- Fixed Assets
- Maintenance
- Telephone
- Tracking & Billing

■ MIS MODULES:

- Organization Units
- Physical Locations
- Audit Control
- Access Manager

MAIN FEATURES

The eHOpe™ system serves hospital requirements by aiming to increase financial performance and staff productivity, to improve communication between various hospital departments, and to minimize manual labor and paperwork. Below are the main general features of the proposed system:

- Oracle Database Environment
- Modularity
- Integration
- International Coding Standards
- Bilingual and Culturally Acceptable
- Flexibility

- Bilingual
- Security
- Ad-hoc Reporting
- Dashboard
- HL/7 and DICOM Compliant

- GUI Interface
- Communication & Interfacing Capabilities
- Increase Productivity and Quality of Service
- Medical Decision Support System
- Executive Decision Support System
- Reduce Paper Work

- Data Capture
- Report Headings
- Printing Facilities
- Tablet Interface

Our deep understanding of the needs of the healthcare industry and its subsectors makes us highly capable of offering integrated solutions and services that fulfill the technology, consulting, and training needs of various players in the healthcare sector. This includes healthcare providers, pharmaceutical companies, and medical equipment suppliers.