



Matrix offers its clients worldwide an opportunity to provide better care to patients through the state-of-the art health care solutions which includes Hospital and Patient Management Systems and Decision Support Systems (DSS).

HMS Modules

Matrix HMX is a platform independent solution and is developed on latest relational database technology (Oracle 9i, SQL Server and DB2).

Matrix HMS offers functionality that covers the entire gamut of hospital activities. As the functionalities and the business process is unique in each hospital, hence matrix HMD provides flexibility to the hospitals, whether large or medium size, to opt from the various modules to match their specific needs.

▣	<u>HMS Modules</u>
▣	<u>Benefits</u>
▣	<u>Some Outputs</u>
▣	<u>Some Clients</u>

Patient Care Systems

- Registration
- Out-Patient Management
- Doctors Consultation
- In-Patient Management
- Billing
- Discharge
- MIS

Medical Support Systems

- Diagnostics
- Operation Theatre
- Blood Bank
- Pharmacy
- Medical History

Hospital Management Systems

- Financials
- Procurement
- Stores
- Issue to different Department / Ward
- Payroll
- Human Resource
- Duty Roster
- Marketing
- Security and Administration

Utility Systems

- Housekeeping & Laundry
- Diet & Kitchen
- Equipment Maintenance

Interface Systems

- Web Enablement
- ICD / CPT codes incorporation
- HL7 Conformance
- Mobile Device (PDA)
- Bar Code
- Drug Database Integration
- Equipment Interfacing
- Smart Card Interface



Benefits of matrix HMS

Matrix HMS provides manifold benefits to hospitals, everywhere large, medium or small sizes.

Functional

Modularity – an integrated approach

- Matrix ERP is a comprehensive package that includes various modules which cater to different functional areas of healthcare institutions
- All modules are interconnected in such a way that it abolished the scope of repeated work
- Possible to have consolidated picture of the entire activities within the hospitals in each functional areas
- As a result of modular nature, matrix HMS offers you the flexibility to choose and implement only those modules which are required for your hospitals
- Generation of Final Bill now just a click of button away

User Friendliness

- Matrix HMS is menu-driven and extremely easy to use because of the extensive assistance provided during any and all data entry operations
- The Comprehensive User's Manual, described the different functionalities of the solution, is also provided
- Improved Patient Care
- Availability of timely and accurate information for the patients and for their family

Smart Revenue Management

- Optimised checking system for bed and OT occupancy
- Quick and effective billing for various services
- Batch-wise, expiry date-wise stock information of Drugs at Pharmacy

Night Audit

Excellent feature for date and clock wise update of each patient account.

Technical

It's Platform Independent

- Matrix ERP does not have any fascination towards the Database (can run on SQL Server, Oracle or DB2) or for Operating Systems (can run on Windows, Linux, Unix etc.)

It's not at all resource hungry

- It requires minimum disk space (250 MB) to install and run

It saves your infrastructural cost

- HMS data can be transferred between the locations (between Diagnostic Collection Centers and main Diagnostic Department and then to the main Server) through matrix Export / Import module, which is in-built with in the system and save the huge cost for Leased line or VSAT etc.

Amazing Security

- Confidentiality of Patient's data is one of the major concerns of any hospitals. Matrix HMS provides multiple levels of security in the software like, operator-wise, module-wise, date-wise, department-wise etc.

Some Outputs

Patient Care Systems

MIS Reports

- Bed Occupancy
- a) Occupancy Status.
- b) Bedwise monthly occupancy list.
- Bill Status
- Birth to corporation
- Cancellations
- Cheque/ credit card.
- Corporate
 - a) Patient
 - b) Revenue
- Consolidated Bed Analysis
- Expected Admissions
- Operation Theatre
 - a) OT Summary
 - b) Expected
- Delivery Record
- Death Register
- Daily Transaction
 - a) Receipt.
 - b) Advance
- Daily Census
- Discount Offered Bills
 - a) IPD Bill.
 - b) OPD Doctor Bill

Special MIS Reports

- Day Book
- Doctor Availability
- Bed Availability
- Patient Ledger
- Package wise collection
- Service wise
- Package P/L analysis
- Birth Register (As per BMC)
- Death Register. (As per BMC)

Medical Support System

- Corporate Register
- Business Register
- Rate to test Printing
- Pending/ All Investigation
- Reference Doctor MIS
- Doctor MIS
- Due Register
- Investigation Register
- Modification History of Investigation
- Test Conductors Payout
- Department wise patient investigation

▣	HMS Modules
▣	Benefits
▣	Some Outputs
▣	Some Clients

- Expected Discharge
- Long Stay Patients
- Medical Records
- Minimum Advance amount Exhaust List
- New Registration
- Night Audit
 - a) Total Daily Revenue - as on date.
 - i) Today
 - b) Patient Due Age Analysis.
 - c) Date wise Revenue & collection.
 - d) Corporate Patient due age analysis.
 - e) Daily discount offered.
 - f) Advance patient list.
 - g) Audit Report OPD.
 - h) IPD
 - i) OPD
- No Show List
 - a) OT
 - b) Bed
- Operator wise collection
- Operator wise scroll
- Patient Query
- Department / Test wise revenue
 - a) Dept wise revenue.
 - b) Day/dept wise revenue

Pharmacy

- Service to Patient
 - a) Ward.
 - b) OT Consumption
- Pending Indent
- Item wise issue
- Total Medicine Consumption

- Test Status
 - a) Patient Wise
 - b) Day Wise
 - c) Bed
 - d) OT
 - OT Registration
-

Some of the matrix Health Care Clients

- Institute of Laparoscopic Surgery (Now Tantia Medical Services Pvt. Ltd.), Kolkata
- Park Hospitals (Bhagirathi Neotia Women & Child care Centre), Kolkata
- Rotary Hospitals, Kolkata
- Intercare Diagnostic Centre, Kolkata
- AMRI Apollo Cliniq, Kolkata
- Daffodil Nursing Home, Kolkata
- American Hospitals, Qatar
- Qatar Hospitals, Qatar