

# Healthcare Solutions

## Roadmap

The solution is continuously evolving based on inputs/requirements from various customers and doctors. The product will be enhanced to include

- Integration of Personal Health Care Management of the patient.
- All the major health standards
- All the major specialty modules
- Implementation of CCR ( Continuity Care Record)
- Preventive Health maintenance of patients



## Why choose iAssure Healthcare solutions

- Customization to local requirement with local support. Touch screen integration with all the modules
- iAssure believes that every hospital is unique in terms of its requirements and priorities. Hence, flexibility has been built into the product to allow easy scalability and customization
- iAssure Healthcare Solution provides end-to-end features for simplifying hospital management – all at a minimum operational cost to provide fastest ROI
- The product features help healthcare provider to solve their business problems with an integrated solution that advances the patient care process, reduces medical errors, enhanced administration & control, improves response to patient care, enhances cost control & productivity, improves business operation and increases profitability.
- The dedicated teams within iAssure audit and understand customer's requirement, develop and deliver optimized solutions ranging from the basic needs of the business, interoperability to high-end solution with varied technology to increase the ROI.
- Quality, Timely Deliveries with stringent quality check in place
- The highly experienced development and implementation teams ensure complete satisfaction to our esteemed customers with highest level of service

## iAssure Profile

iAssure Info Solutions is a software development company providing business support products and end to end solutions. The state of the art software development centre established in **Bangalore, India** develops cutting edge technology products and tailor-made software solutions for various business domains with varied technology. The dedicated teams within iAssure are responsible to audit and understand customer's requirement, develop and deliver optimized solutions ranging from the basic needs of business, interoperability and high-end solutions for **Insurance, Healthcare, Telecom, Aviation, Logistics, Education and Hospitality** sectors. A highly experienced implementation team supports the product development team in assuring the complete satisfaction to our esteemed customers.



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iAssure has a team of experts working on healthcare IT products and services. The team includes Domain Experts, Project Managers, Technical leads and architects, Software Engineers, Senior Developers & Quality Assurance experts. This team is led by a Professional Healthcare domain expert.

## Introduction

Healthcare solutions offered by iAssure covers the complete business requirements of healthcare institutes/Hospitals, serves all categories of hospitals, from clinics to multi specialty hospitals. It is an integrated solution, manages the complete workflow for the hospital to support effective decision making for patient care, hospital administration and critical financial accounting, in a seamless manner. The Product is designed in a modular manner supporting all the functionalities of hospitals.



Leveraging upon a dedicated healthcare practice group, iAssure has developed a next-generation Hospital Management System, that is powerful, flexible and easy to use and has been designed & developed to deliver real conceivable benefits to hospitals. The HMS/HIS has been conceived by a blend of seasoned professionals with rich and relevant experience in healthcare industry.

## Modules

### Patient Administration

- **Registration**
  - Patient Registration
  - Webcam and Barcode Integration
  - Patient ID/Registration Card printing with Photo and Barcode
  - Registration Renewal
- **Admission**
  - Schedule/Reschedule/Transfer/Cancel
  - Discharge
- **Appointment**
  - Schedule/Reschedule/Cancel
  - Bulk transfer of appointments to other day/doctor in case of non availability
  - SMS/Email alerts regarding appointment
- **Billing**
  - Auto and Manual billing
  - OPD & IPD cash/card billing
  - OPD & IPD cashless/insurance billing
  - IPD Deposits & Advance
  - Partial Payment
  - Payment Receipts
  - Refund/Cancellation workflow



### Patient Care

- **Doctor Module**
  - OPD appointment, OPD consultation, IPD visits
  - Electronic Medical Records (Medical History, Clinical Note, Daily Progress Note, Surgery Note, Discharge Summary)
  - e-Prescription, e-Investigation Order
  - Procedure Prescription,
  - Admission Request, OT Register, OT Scheduling
  - Pre/post Operative Instructions
  - Specific/Customized Instructions to Nurse
- **Nurse Module**
  - Out/In Patient Management, OT Register, OT Stock Register, OT Scheduling, Pre/Post Operative Instructions, OT Consumable Reimbursement
  - Birth/Death Registration Forms
  - Daily Progress Note View, Vitals Register, Drug Administration
  - Death Registration
- **Anaesthesia**
  - Pre-anaesthetic Clearance Form, Anaesthesia Form
- **Immunization Module**
  - User configurable Immunization Charts
  - Immunization Administration/History
  - Immunizations Camp Management
- **Drugstore/Pharmacy**
  - Can be standalone/integrated
  - Integrated version supports e-Prescription
  - Integrated with Drug Database
  - Purchase and Inventory Management
  - Sales & Billing
- **Diet Management**
  - User configurable Diet Charts
  - Prescribing Standard/Customized Diet Charts to the Patients
  - Diet Prescription History



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- **Laboratory Module**
  - Can be Standalone/Integrated
  - Integrated version supports e-Investigation Order
  - User configurable Laboratory Departments, Investigations/Tests, Reference Range (gender wise, age group wise) and Reports
  - Workflow for complete Cycle Integrating Order Placement from Doctor - Billing - Specimen Collection – Result Entry – Result display to doctor – Dispatch
  - PACS/DICOM Integration
  - Integration with Barcode solutions
- **Blood Bank Module**
  - Donor Registration
  - Donors Availabilities Search
  - List of Voluntary Donors
  - Accepting Blood Samples Collection and Test Results
  - Quality Analysis
  - Blood Inventory Management
  - Report on Stock
  - Procedure and transfer of Blood and blood Issue Processing

### Hospital Administration

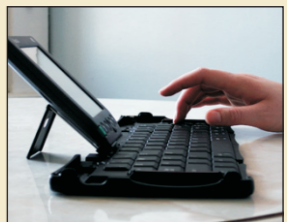
- **Accounts/Finance Module**
  - Payment Request/Issue Vouchers
  - Journal Voucher
  - Billing refund/cancellation workflow
- **HR Management Module**
  - Employee Management
  - Recruitment Process
  - Attendance Management
  - Payroll Process
  - Appraisal Process
- **Medical Record Department**
  - User configurable Storage Area (room, rack, shelf)
  - Auto/Manual allocation of Files to Shelf,
  - Barcode Assisted File Tracking
- **Insurance / TPA Module**
  - Insurance Company/TPA management
  - e-pre authorization request
  - Pre authorization update
  - Cashless bill collection process
- **Diet Management**
  - Standard & Custom Diet Prescriptions
- **System Admin Module**
  - User Management
  - Service Management
  - Cost Management
  - Tax Management
  - Company Management
  - Branch Management
  - Lab, Pharmacy, ICU, OT, Wards & Store Management
  - Consultant Management,
  - Service Cost Management,
  - Item/Material management,
  - Operative instructions Management,
  - Doctor Consulting Session Management,
  - Ward/Room/Bed management
- **Procurement/Purchase**
  - Item/Material Management
  - Procurement Process (Indent Slip, RFQ, Quotation, PO, Invoice)
- **Inventory/Store**
  - Multiple Store Management
  - Stock Management
  - GRN, Item Request/Issue Voucher
- **Marketing/Communication**
  - Automated reminders/Confirmation,
  - Greetings, Health tips, Bulk communication to patients, Staff, Vendors through SMS/Email
  - Feedback form



## Salient Features

### Key Functional Features

- Efficient process/work flows through Automation
- OPD & IPD Electronic Medical Records
- e-Prescription, e-Investigation Order
- Automated OT procedure workflow
- Automated billing from workflow
- Webcam, Barcode Reader/Printer, PACS/DICOM Integration



### Security Features

- Controlled access through Role and User Management
- Encrypted Data Storage
- Audit Trail
- Can be integrated with SSL (optional)

### General Features

- Browser based on Intranet/Internet
- Highly stable, modular, customizable, maintainable and user friendly