

# GHEALTH ENTERPRISE

GHealth Enterprise Hospital Information System is a comprehensive healthcare ERP solution for the end to end management of large and medium hospitals, engineered using the latest Microsoft technology.

GHealth Enterprise offers a full suite of tools for clinical tasks, hospital management, and patient administration. The application also provides rich integration within the front office, clinical, and back-office administrative modules, giving clinicians and administrators access to information within and across different departments.

## Common Features include:

- Modularity
- Data capture at source
- Optimal screen design for operator efficiency
- Well-structured menus
- Adequate help facilities
- Generation of in process documents
- Multi-user facilities
- System generated and user defined codes
- Adequate Documentation
- Configurable Audit Logs for each of the forms
- Audit trail at all stages
- Use of CPT Codes & ICD 10 codes
- Use of UNSPC codes in Supply chain Management
- GHealth Configuration Management

## GHealth application features include:

- Three level security – OS, Database and Application.
- Multiple Business Segment, Multiple Financial Year access
- Judicious use of both server and client side access giving the user faster access to frequently used data
- Internally managed Bar Code generation for all documents generated by the application
- Use of Barcodes in Drugs & Consumables in pharmacy
- Seamless interface between HIS and Lab Analyzers for faster report generation and good control of reagent consumption management.
- Seamless Interface between RIS & PACS
- Integration of Front office, Ward Management, Operation Theatre, Pharmacy and IP Billing with display system
- Practice Desk & Electronic Medical Records for Clinicians
- Configurable Templates for patient clinical Records, Discharge Summary and Radiology reports
- Use of Grade wise surgery master to help generate more accurate Treatment estimation for patients
- Tightly Integrated Inventory system with HIS to control stock leakages
- Use of Service Bill of Material to get more accurate material consumption information
- Use of Digital Signatures in all user authenticated system generated documents
- Use of HL7 Standards in any third party software Interface

# MODULES

GHealth Enterprise has been designed to offer complete data integration out of the box. Providing standards based integration points to Patient Management Systems, Radiology Information Systems, Communication Systems (RIS/ PACS), and Patient Records , GHealth supports best-of-breed strategy with industry-leading options.

## GHealth Enterprise comes with the following modules:



Outpatient  
Management



Inpatient  
Management



Clinical Support  
Management



Supply Chain  
Management



Back Office  
Management



Support Services  
Management



Interface Services



## KEY BENEFITS

- Strong Patient Centric Controls right from admission to billing
- Seamless integration of data for strong Operational, Functional and Strategic Management, and Business Intelligence – this is our USP
- Better resource utilization
- Better Supply Chain & cost control
- Fully compliant with NABL & NABH standards
- Fewer errors with analyzer interface with bar code
- Online data interface to Doctor Desk for viewing patient reports (current & history) and seamless integration to display management system at waiting area, Pharmacy, Nursing Station, Operation Theatre, and Cathlab.
- Easy-to-read lab test report formats with out-of-range results separated
- Well controlled scroll management
- Flexibility in controlling service rates, manages multiple rate types
- Option to create multiple OPD clinics.
- Management Information System (MIS) Reports providing information about better business management of hospitals can be generated on a need basis
- Well mapped processes that leads to a paperless management, and requires minimal changes in the business processes.
- Ghealth site license does not have any restrictions on number of users
- Improved efficiency and effectiveness in operations
- Better decision support
- Relatively short implementation cycle time
- Modular / complete implementation
- Ease of enhancement
- Customized add-on features
- Manages Service Bill of Material to compute more accurate material consumption, thereby controlling material leaks
- Integration with other applications, if necessary
- Interfaces with Display Management, Barcodes, Biometric, EPABX, Lab Analyzers, PACS
- Mobile Apps made available wherever necessary
- Allows to Manage multiple rates types
- Data Replication process for Multi-location deployment for data consolidation
- Water tight integration between HIS and Inventory Management to plug inventory leakages thereby increasing the organization's profitability
- Seamless integration of core HIS with support modules such as Dietary Management, Linen & Laundry Management, CSSD management and Business development
- Manages pre-defined discount schemes for Outpatient & Inpatient at Service Group, Class or Service code levels. Helps manage business development in a professional manner
- Automated Doctor Payment process
- Well proven application design, caters to data mining to work on service costing and fix service rates with required margins
- Rate Contract methods and vendor – item link to manage better procurement in cost effective way
- Allows for inventory depletion at FIFO, LIFO



## OUTPATIENT MANAGEMENT

This forms one of the core modules of GHealth Enterprise. Right from registration to billing, the complete details of every patient is captured and consolidated under a single registration number. The medical history of each patient is consolidated into a single medical record. From any device in the healthcare system, the patient registration number provides the necessary tools for physicians to complete all procedures and administrative tasks associated with a patient visit. With a few mouse clicks, clinicians can quickly and simultaneously view medical examinations, diagnoses, treatment histories, test results, and medication histories in their own defined configurations.

The sub-modules that ensure an efficient functioning of the Outpatient Management module are:

- Doctor Management
- Patient Service Management
- Customer Management
- Appointment Management
- Patient Management
- Doctor Desk (CPOE)
- Outpatient Billing Management
- Dialysis Management
- M R D Management







## INPATIENT MANAGEMENT

Managing the entire patient care workflow has never been easier. From the registration of patient information to bed tracking and discharge, this module manages the necessary administrative procedures for inpatient visits, including allocating doctors, applying policies, managing waiting lists, and assigning beds. GHealth Enterprise also includes comprehensive patient medical record tracking and medical coding. The sub modules that support this module are:

- A/T/D Management
- Insurance Management
- Ward Management
- Cathlab Management
- Operation Theatre Management
- Labour Room Management
- Blood Bank Management
- Inpatient Billing Management
- M R D Management





## CLINICAL SUPPORT MANAGEMENT



This module completely integrates the various departments of a hospital that a patient would ideally go to, such as the laboratory, Radiology department, Cardiology department, Pharmacy, and Physiotherapy and Endoscopy department. The sub modules under this are:

- Laboratory Management
- Radiology Management
- Cardiology Management
- Physiotherapy Management
- Endoscopy Management



## BACK OFFICE MANAGEMENT



GHealth Enterprise's Back Office Management module makes it a complete ERP solution for hospitals. This module covers everything from hospital supplies to managing medical equipment, and from HR and Payroll Management to Business Development, and a well integrated Financial Accounting Management. This module also includes patient refunds and cash scrolls. By integrating all real-time inpatient and outpatient charges generated during a patient visit, administration staff have quick access to current patient demographic and billing information 24 hours a day, seven days a week, across systems.

The integrated Financial Accounting Management provides general ledger, accounts payable, accounts receivable, fixed asset, and cash management solutions enabling a current, consolidated, and fast view of the financial status of a healthcare organization at any point in time. The sub modules included are:

- Payroll Management
- Medical Equipment Management
- Business Development
- Refund Management
- Cash Scroll Management
- Integrated Financial Accounting Management





## SUPPLY CHAIN MANAGEMENT



A clinical operation that runs smoothly and efficiently depends heavily on having the right supplies when and where caregivers need them – without creating waste and inflating costs through over-stocking. This module covers everything from hospital supplies to managing medical equipment. A fully integrated component of GHealth Enterprise, Materials Management, regulates inventory and purchasing by automatically tracking and managing stock across the hospital, from the point of care to the warehouse, facilitating purchase orders and vendor management, and interfacing with GHealth Enterprise's financial and clinical systems for real-time usage tracking and accounting.

The sub modules include:

- Pharmacy Management
- Materials Management
- Consignment Management
- Security Gate Entry (returnable and non returnable gate pass, gate entry of delivery challan related to materials pharmacy and consignment)

# SUPPORT SERVICES MANAGEMENT

This module takes care of secondary services in the hospital such as Dietary Management, Central Sterile Stores Department (CSSD) Management, Linen Management, and Homecare Services. The Dietary Management sub-module helps in planning the diet of a patient based on his or her clinical condition.

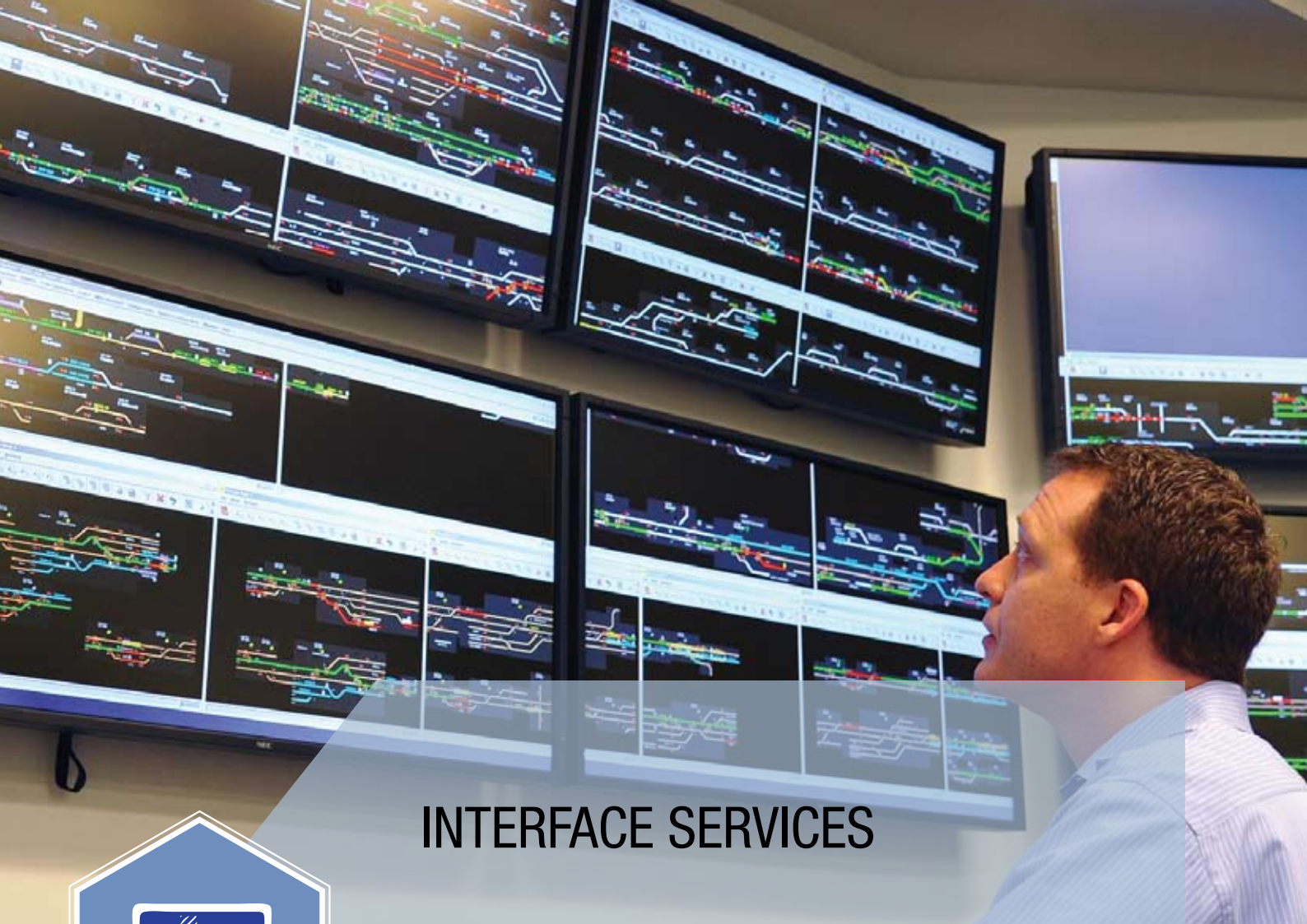
The CSSD sub-module provides to define the equipment details and allows capturing the attributes linked to the equipment while autoclaving. The module allows linking various instruments and consumables to a tray.

The Linen Management sub-module provides to create linen issue locations within the hospital and allows linking various linen items used by each of the locations with its maximum quantity allowed for issue.

The Homecare Services sub-module helps patients to avail of items such as wheelchairs, walkers etc. on a rental basis, and also avail of Nursing and Physiotherapy services from the hospital.







## INTERFACE SERVICES



GHealth Enterprise interfaces with third party applications developed for:

- Display Management
- SMS Packs from Service Providers
- Lab Analyzers with barcode
- Pharmacy inventory management with barcode
- Barcode Generation to generate barcodes that have multiple uses in various departments of the hospital
- RIS/PACS for radiologists to use a single software application to manipulate and study images and access the entire patient medical record
- Smart cards at billing
- Cash machine at billing
- Mobile app
- Thirt party software
- Biometric access control for login



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