

## ° SMART - Care System





# Dream Castle Software Global Solutions

- **Dream Castle Software Global Solutions Pvt Ltd., has over a decade gathered reputation through consistent & committed endeavor in providing innovative clients specific software solutions.**
- **DCS Global Solutions, being an innovator at large, focuses on being a constructive solution provider for clients across multiple domains. DCS Global Solutions offers complete solutions to organizations and entrepreneurs for their B2B & B2C business requirement.**
- **We fully understand that an optimal blend of Resources, Capabilities and Innovation will lead to exemplary Process output through time tested Process Management Models.**
- **We not only work for the Client but WE WORK WITH THE CLIENT.**

# Today's Health Care

**New realities are placing pressures on the healthcare industry, and how patient care is delivered.**

## **Some of the facts of today's Healthcare System**

- **Rising hospital management costs**
- **Aging population**
- **Shortage of healthcare workers**
- **Challenges in accessing services**
- **Timely availability of information**
- **Issues of safety and quality**
- **Rising consumerism**

# Industry Facts

The industry has reached a point of chasm, where they need to decide how services could be delivered more effectively to reduce costs, improve quality, and extend reach.

The critical questions facing the industry today include

- How can we effectively manage hospitals?
- How to enhance services without placing additional burden?
- How to provide care in a cost-efficient manner?
- How to use the existing resources efficiently ?
- How to support front-line staff to reduce medical errors?
- How to enhance quality of care?

# Why Hospital Management ?

These are just a few questions facing the industry. It looks bleak, but there's hope. There are new information technologies available to help.

Information technologies that enable immediate, information-rich communications and provide easy-to-use collaborative tools are increasingly becoming a vital part of today's healthcare.

With the hospital industry expected to grow at the rate of 30 per cent by industry analysis, need for hospital management professionals is growing by the day.

A MIS for a hospital would require being very precise and must result in operational cost reduction, process improvement and efficient management.



# Hospital Management Benefits

A HMS for a hospital would require being very precise and must result in operational cost reduction, process improvement and efficient management.

The HMS provides the benefits like

- Streamlined operations
- Enhanced administration and control
- Improved response to patient care
- Cost control
- Improved profitability.

By enabling an automated and intelligent flow of patient information, the HMS enables hospitals and doctors to better serve their patients.

# SMART - Care



**DCS Global Solutions, as a healthcare IT solutions partner, is committed to preparing hospitals to meet future challenges - and to secure their attractiveness to patients, referral sources, and staff by means of long-term concepts.**

**Leveraging upon a dedicated healthcare practice group, DCS has developed a next-generation Hospital Management & Information System SMART-Care which is powerful, flexible and easy to use and has been designed & developed to deliver real conceivable benefits to hospitals.**

**With technology expertise garnered for over a decade and specialists drawn from diverse fields of medicine, we help hospitals provide better managed care through the state-of-the-art HMIS solution.**

# Core Modules



The SMART-Care is designed to cover a wide range of hospital administration and management processes. It is an integrated client server application. It runs on all standard hardware platforms and can be easily customized to suit the requirements and reflect the priorities of a hospital management team.

The HMIS modules have been designed according to three categories

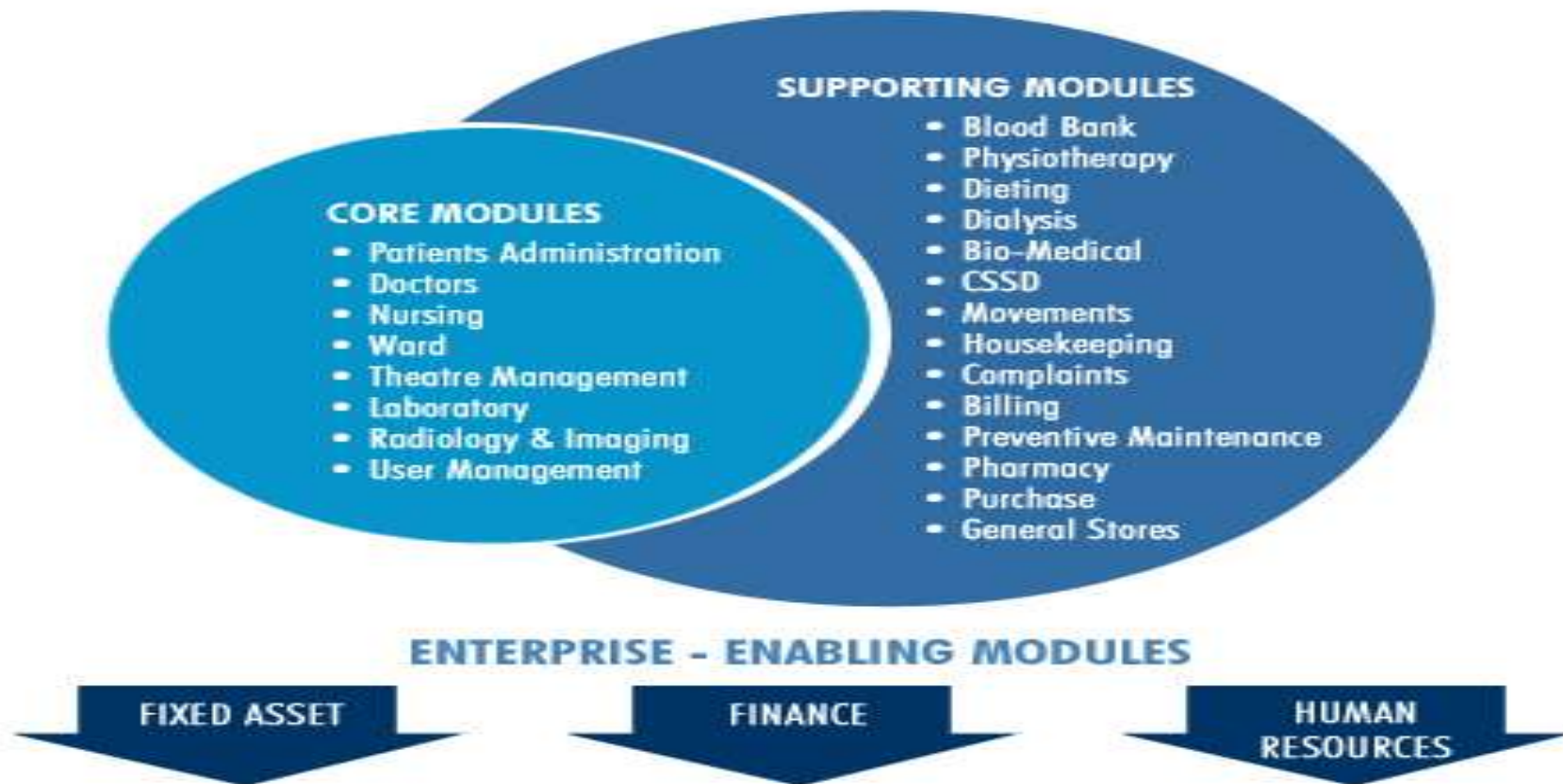
- Core modules
- Supporting modules
- Enterprise-enabling modules.

These modules can further be customized according to hospital needs.

# Module List



## SMART-CARE HOSPITAL MANAGEMENT SYSTEM



# Key Benefits



## SMART-Care Key Benefits:

- ✓ **Savings**  
In manpower, time and costs through improved productivity
- ✓ **Effectiveness**  
In administration & operations improved communications
- ✓ **Simplification**  
Improved and simplified work / process flow through automation
- ✓ **Quality**  
Reduced errors and duplication of work
- ✓ **Simplification**  
Improved and simplified work / process flow through automation.
- ✓ **Centralization**  
Consolidation of information into a single point.
- ✓ **Optimization**  
Empowers better use of existing resources (people, time and money).
- ✓ **Competitive Advantage**  
Improved customer satisfaction and market position

# Registration

The Registration module is an integrated patient management system, which captures complete and relevant patient information. The system automates the patient administration functions to have better and efficient patient care process.

- ***Patient Registration Details***
- ***Inpatient and Outpatient Registration***
- ***Medical Alerts Details***
- ***Appointment Scheduling (Patient / Doctor wise)***
- ***Doctor's Schedule Summary***
- ***Doctors Daily Schedule List***
- ***Patient Visit History***
- ***Medical Record Movements***
- ***Appointments for Radiology tests and Operation Theatre***
- ***Patient Visit Slip***
- ***Sponsorship Details***

# Electronic Medical Record

The EMR Module is a fully integrated knowledge repository that caters to Medical and clinical records of patients in the hospital.

The module provides access to critical and complete patient data that leads to high quality cost effective and efficient patient care.

The EMR has the following features

- *Patient Search with Various Search Strings*
- *Patient Demographic Viewing*
- *Previous Visit Details*
- *Medical History of the Patient*
- *Billing Details of Patient*



# Billing

The Patient Billing module handles all types of billing for long-term care.

- ***Payment Modes / Details***
- ***Sponsorship Conditions Details***
- ***Patient Billing Details***
- ***Package Installment***
- ***Approval from Sponsor***
- ***Company Sponsorship Details***
- ***Package Registration***
- ***Sponsor Verification***
- ***Retroactive Processing***
- ***User-defined Billing cycles***
- ***Automatic Room and Board charges***
- ***Recurring Ancillary charge capability***
- ***Auto-generated Codes and Billing Criteria***
- ***Provision for Pre-billing***
- ***Extensive third-party Billing***

# Outpatient Management

The Outpatient module serves as an entry point to schedule an appointment with the Hospital Resident Doctor or Consultant Doctor for Medical Consultations and diagnosis.

- ***Medical Alerts Details***
- ***Consultation Duty Roster***
- ***Diagnosis Details***
- ***Triage Parameters***
- ***Patient's Appointments***
- ***Daily / Weekly Schedule Summary***
- ***Appointment Scheduling / Rescheduling Facility***
- ***Outpatient Medical Observation Details***
- ***Investigation / Treatment History***
- ***Clinical Service Details***
- ***Group / Package Registration Facility***
- ***Common Billing Clinical Services***
- ***Doctor's Diagnosis Statistics***

# Inpatient Management

The inpatient module is designed to take care of all the activities and functions pertaining to Inpatient Management. This module automates the day-to-day administrative activities and provides instant access to other modules, which leads to a better patient care.

- ***Admission Cost Estimation***
- ***Admission Approval***
- ***Admission Request***
- ***Doctor Transfer Details***
- ***Nursing Notes***
- ***IP Medical Observation***
- ***Pending Drug Request***
- ***Surgery Scheduling Details***
- ***Discharge Notification Summary***
- ***Expected Date and Time of Discharge***



# Pharmacy



Pharmacy module deals with the automation of general workflow and administration management process of a pharmacy.

- ***Enquiry***
- ***Quotation***
- ***Purchase order***
- ***Online approval,***
- ***Pharmacy drug configuration***
- ***Pharmacy stores configuration***
- ***Drug issue to patients and billing***
- ***Unit dosage facility***
- ***Supplier information***
- ***Maintenance of drug inventory***
- ***Automatic reorder level setting***

# Pharmacy



Pharmacy module deals with the automation of general workflow and administration management process of a pharmacy.

- ***Purchase Requisitions***
- ***Purchase Order***
- ***Online request for stock from various sub-stores***
- ***Online stock transfer***
- ***Maintenance of stock at different sub-stores***
- ***Return of items nearing expiry***
- ***Destruction of expired items***
- ***Physical stock verification and adjustment***
- ***Goods receipt***
- ***Stock Transfer (inter store stock transfer)***
- ***Stock Adjustment***
- ***Stock in Hand reports***

# Laboratory



The Laboratory module automates the investigation request and the process involved in delivering the results to the concerned department/doctor of the hospital. Laboratory module starts with receiving the online request from doctors and also allows laboratory personnel to generate requests.

- ***Sample Result Entry***
- ***Test Report Entry***
- ***Specimen Association Details***
- ***Antibiotic Details***
- ***Result Range for Test***
- ***Investigation Request***
- ***Bulk Sample Request***
- ***Sample Details***
- ***Samples Received from External Laboratory***
- ***Samples Dispatch to External Reference Laboratory***
- ***Investigation and Treatment History***



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