



MACSHELL

Simplifying Software Solutions

COMPLETE WEB BASED HOSPITAL INFORMATION SYSTEM

COMPANY PROFILE

MACSHELL INFORMATICS PVT. LTD. is a premier Software developing company with a reputation for quality, skilled professional team of Doctors, IT Professionals and highly satisfied customers in the healthcare domain. We have rich experience in designing, developing and implementing custom business analytical solutions using latest available technologies.

Incorporated in 2003, **Macshell Informatics** has been offering customized software solutions for various commercial applications. With the changing trends in technologies and the growing software expectations, we diversified our products and services to other industrial domains to meet the growing requirements of customers.

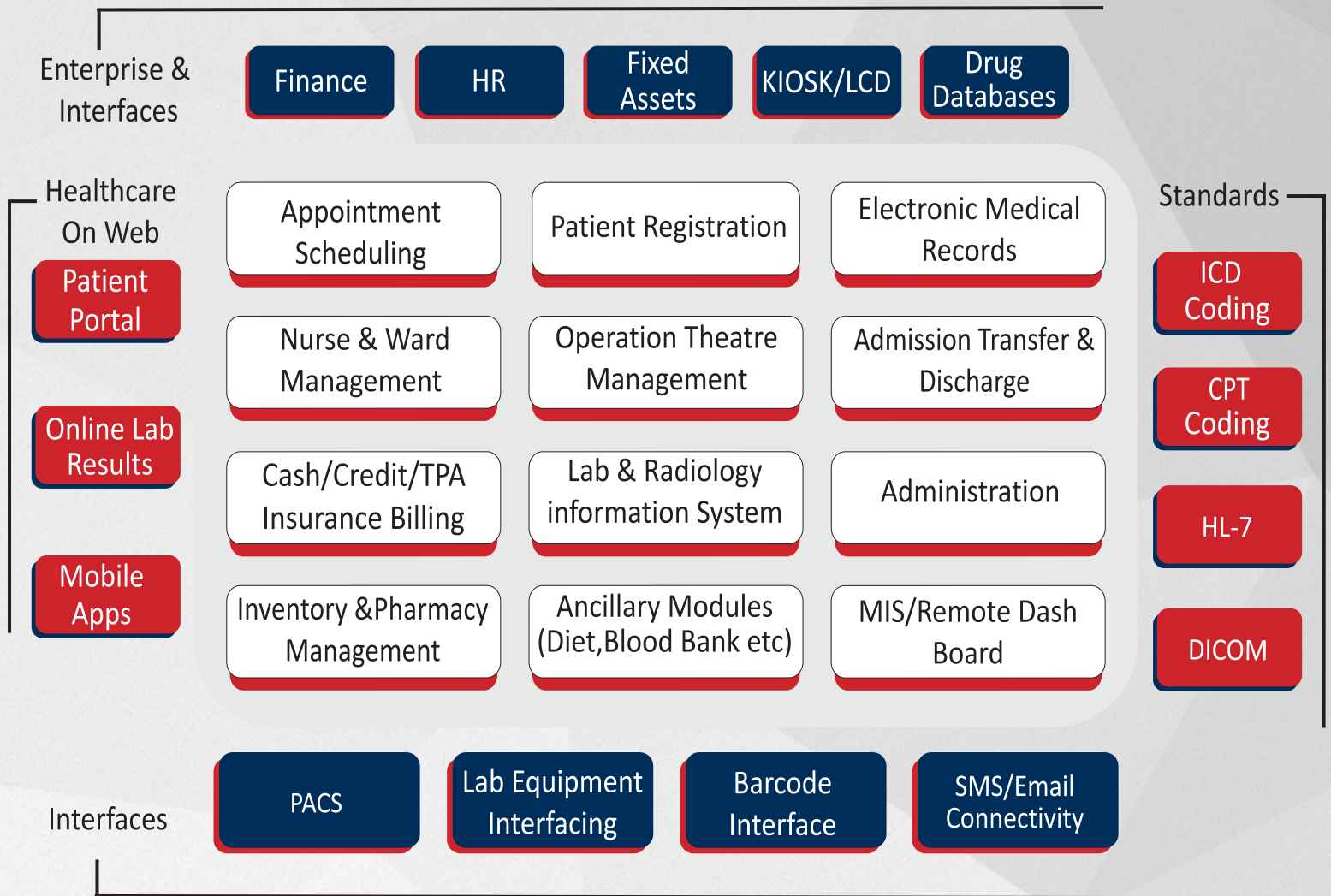
We have a dedicated state of art software development center in New Delhi and Haryana, India, with a team of highly skilled IT Professionals and domain experts having rich domain knowledge with ability to innovate and a strong desire to excel.

We endeavor to provide end to end solutions to our customers making their work easier, more efficient and more cost effective.

- To be leading software development company across the globe.
- Invent new user-friendly solutions, which help the users in meeting their business goals.



COMPLETE WEB BASED HOSPITAL INFORMATION SYSTEM



MAC PULSE MODULES



PATIENT MANAGEMENT

- ◆ OPD Management & Appointment
- ◆ OPD Registration & OPD Billing
- ◆ OPD Prescription (Electronic Prescription)
- ◆ Radiology Reports
- ◆ Vaccination & Patient EMR
- ◆ OPD TPA Billing
- ◆ Indoor Management & Registration
- ◆ Ward Management
- ◆ Nursing Station
- ◆ Indoor Procedures & Services Reports
- ◆ Consultant Visit Management
- ◆ Doctors Order Management
- ◆ Indent for Pharmacy / LAB / Radiology
- ◆ Computer on Wheel
- ◆ Case Summary
- ◆ Final Billing
- ◆ TPA Corporate / Credit Billing
- ◆ TPA Ledger & Outstanding



PERSONNEL AND PAYROLL

- ◆ Interview Registration, Process, Assessment, Scoreboard & Offer Letter
- ◆ Employee Registration & Personal Details
- ◆ Selection & Recruitment Process
- ◆ Probation / Confirmation
- ◆ Time Office Management
- ◆ Interfacing With Biometric Device
- ◆ Shift Management
- ◆ Leave & Alternate Employee Management
- ◆ Duty Roaster
- ◆ Salary Breakup
- ◆ Loans & Advances
- ◆ Employee Login
- ◆ Employee Personal Income Tax Return
- ◆ Online Leave Management
- ◆ Tax & TDS Management
- ◆ Multiple Location Management
- ◆ Contract Management
- ◆ Notice / Circular Broadcasting
- ◆ Task Management
- ◆ All type of Letters
- ◆ User Rights Management



CLINIC SUPPORT

- ◆ Electronic Prescription
- ◆ Queue Management
- ◆ Doctor Work Bench
- ◆ Radiology & Procedure Reporting
- ◆ P.A.C.S.
- ◆ Laboratory Information System
- ◆ Operation Theater Management
- ◆ Electronic Medical Record
- ◆ MRD
- ◆ C.S.S.D.
- ◆ Blood Bank



HOSPITAL ADMINISTRATION

- ◆ Security
- ◆ Administration
- ◆ Biomedical Engg.
- ◆ Equipment Management
- ◆ Facility Management
- ◆ Central Store



FINANCIAL ACCOUNTING

- | | | |
|--------------------------------|--------------------------|----------------------------------|
| ◆ General Ledger | ◆ Cost Centre Accounting | ◆ PDC & Cheque Bouncing Reports |
| ◆ Fixed Assets | ◆ Budgeting | ◆ Monthly Expenditure Analysis |
| ◆ Account Receivable / Payable | ◆ Day - Cash - Bank Book | ◆ Multi Level Voucher Validation |
| ◆ TPA & Corporate Accounting | ◆ Patient Ledger | ◆ 3 Level Cost Center Control |
| ◆ Doctors Share Accounting | ◆ Vat & Taxation | ◆ Trial Balance |
| ◆ Debit / Credit Note | ◆ Bank Reconciliation | ◆ Profit & Loss & Balance Sheet |



PHARMACY AND INVENTORY MANAGEMENT

- ◆ Product Management
- ◆ Minimum Maximum Stock Management
- ◆ Auto / Manual Purchase Request
- ◆ Inter Company / Warehouse Indent
- ◆ Auto Purchase Order From Purchase Request
- ◆ Quotations & Tenders
- ◆ Purchase Order
- ◆ Goods Receipt Note
- ◆ Purchase Return / Debit Note
- ◆ Supplier Accounts Management
- ◆ Inter Company / Warehouse Stock Transfer
- ◆ Electronic Indent for Pharmacy/ Lab /Radiology
- ◆ Physical Stock Taking and Adjustment
- ◆ Sales Invoice Direct & Agnst. Indent
- ◆ Sales Return
- ◆ Patient Ledger & Credit Medicine Outstanding
- ◆ Pharmacy Business & Sales Analysis
- ◆ ABC Analysis



DECISION SUPPORT

- ◆ Management Information System
- ◆ Clinical Decision Support System
- ◆ Case-Mix Management
- ◆ Clinical Pathways
- ◆ Outcome Management
- ◆ Drug Formulary Management
- ◆ Business Intelligence



INTERFACE

- ◆ Bulk SMS Services
- ◆ Laboratory Instruments & Imaging
- ◆ Equipments
- ◆ Biometric Devices
- ◆ Attendance Recording Devices
- ◆ Barcode, RFID & Smart Cards
- ◆ Payment Gateways



KEY FEATURES & BENEFITS OF PULSE

- ✓ **REMOTE DASH BOARD** - Top management can monitor the performance of hospital or hospital chains in real time from anywhere graphically or digitally. They can also drop or circulate message or assign task to a location.
- ✓ **MULTI LOCATION SUPPORT** - Chain of hospital can be controlled, patient id [UHID NO.] will be unique for all locations. Patient EMR or registration details can be accessed from any location. Cheque received from ECHS ,ESI or any other can be mapped to different bills from different locations.
- ✓ **APP SUPPORT** - MIS and patient portals with [Appointment, Medication, Online Lab Reports, Immunizations, Medical History, Allergies etc.] both are available on mobile app. So, provides great support and connectivity for both management and patient.
- ✓ **MANAGEMENT TIME SAVING** - Free yourself from administrative and operational aspects to focus on personal, academic, medical or strategic matters to grow your hospital. Aids hospital administrators by significantly improving operational control .
- ✓ **LINKED WITH TIME OFFICE** - Consultant appointment system is linked with time office and control the availability of a consultants automatically as per leave applied. 1-Enhance patient care and work efficiency ,QMS (queue management system) reduces wait time at counters and improve response to demand of patient care.
- ✓ **MODULAR INTEGRATION** - All modules [HIS, Inv, Pharmacy, Lab, GL, Payroll etc.] are integrated strongly so no redundancy of information.
- ✓ **IMPROVE DEPARTMENTAL COMMUNICATION** - Optimize workflow across administrative, financial and clinical functions.
- ✓ **BIOMEDICAL ENGINEERING** - Automated alerts and reminders on warranty, insurance expiry and timely service reduces breakdown time for equipment and save you from costly mistakes.
- ✓ **INSURANCE CLAIM PROCESSING** - Customer outstanding and pay term management modules tighten your TPA Insurance process and collection for improved cash flow.
- ✓ **MANAGE AND CONTROL PILFERAGE** - Providing full control on pilferage, it increase the profitability of the organization.
- ✓ **LOWER INVENTORY & AVAILABILITY** - Different types of auto analysis and stock level controls helps in reduction of inventory by 40% , increases product availability ,free your stock pileup and working capital.
- ✓ **PATIENT DISCHARGE PROCESS** - Reduces discharge time up to 80% with the help of automation in discharge process.
- ✓ **DIGITAL MEDICAL RECORD** - Unique and practical desktop scanner based medical record management to suit medical consultants from different backgrounds.
- ✓ **LABORATORY EFFICIENCY** - Automation in lab with barcode and interfacing reduces man power cost , clerical and medical errors and increases efficiency , capacity and perfection.
- ✓ **IMPROVE HOSPITAL IMAGE** - The indirect benefit would be an improved image of hospital and increased competitive advantage.

MACSHELL INFORMATICS PVT. LTD.

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