

More than software. Complete solutions for success.

At Wipro HealthCare IT Limited, we offer more than just a software solution. Our core expertise transcends the delivery of software solutions to include a broad spectrum of services that result in better workflow management, lower costs and increased profits for your organization.

Our services extend over:

- Benefits realization studies
- Transition and Data Migration Strategy
- Business process re-engineering
- Network design, installation and maintenance
- Training medical and non-medical staff on HIS

Wipro HIRePS - HIS

The Complete Hospital Information System



Wipro HealthCare IT Limited

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Wipro HealthCare IT Limited



The healthcare scenario is fast changing the world over, thanks to new research findings and new medical technologies. Insurance, HMO, TPA and third party players are further changing the business models of Healthcare delivery and Hospitals. The challenges they pose are compounded by the fact that medicine and healthcare are two of the most information intensive fields.

All these require urgent steps to bring the benefits of Information Technology to healthcare to facilitate better Clinical and Financial outcomes. Seamless integration within the various departments of the hospital and connectivity between various healthcare providers, professionals and organizations such as insurance, third party administrators and HMO's have become imperative.



Information Technology solutions in healthcare impact the process of Care Delivery, which is the collaborative effort of different departments and persons within a hospital. Older generation Hospital Information Systems (HIS) at best aimed at pockets of automation. Today there is a move towards complete automation and paradigms like seamless integration of all entities in the healthcare provider environment.



Standards in healthcare IT are different today. Clinical and administrative workflows and business rules are dynamic and context based. IT Solution providers for the Healthcare Industry require specialized knowledge and skills that go beyond a combination of doctors and IT professionals. Further, as the operation of hospitals are extremely sensitive and complex, a very high order of skill and experience is required to implement solutions effectively. Organizations that provide solutions to hospitals must therefore be focused on HealthCare IT intensive operations. They require expert professionals such as medical doctors, biomedical engineers, pharmacists and others as regular members in their teams along with IT professionals.



Wipro HealthCare IT Limited

Wipro HealthCare Information Technology Limited is dedicated to providing state-of-the-art IT solutions to the Healthcare Industry. Our Mission is to assist clients enhance quality, efficiency and control, and thus make possible better Clinical and Financial outcomes.

Wipro HealthCare Information Technology Limited are leaders in developing and implementing comprehensive and integrated systems and solutions - The HIRePS range of Products/Solutions (including the HIRePS HIS - its third generation Hospital Information System), solutions and products for Nursing Homes, Doctors' Offices, Clinics, Pharmacies and Healthcare Supply Chains.

Our in-depth knowledge of the Healthcare industry enables us to thoroughly analyze your business needs, assist you in Re-engineering and Synergizing your operations with IT solutions, to positively Impact your Key Result Areas.

Increased specialization and better focus on core competence has enabled newer practices like outsourcing and resulted in changing the business model of Hospitals.

Additionally, as hospitals become part of integrated delivery systems, it becomes imperative for them to communicate and exchange information to achieve a Continuum of patient care. This has acquired greater importance with the onset of insurance, and hence the need for standards.

Wipro HealthCare IT understands the Healthcare industry and sees its changing business model. Our information system addresses the present and the emerging business model of the Healthcare Industry.

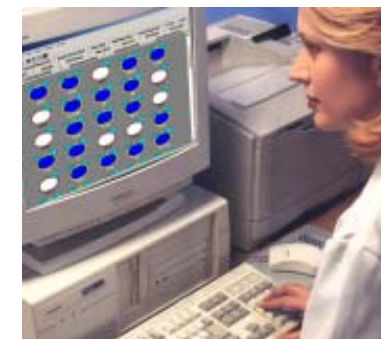
Transactions in the Healthcare environment have Clinical, Financial & Operational significance. Every software module, whether lab, billing or inventory, has to address these three aspects.

For example Order Entry System and Billing System are not used merely for processing orders or for calculating bills. They are also intimately linked to clinical pathways, decision support and Medical Records. If their capability is restricted only to efficient billing, it becomes an Island. These islands become limiting factors in seamless integration. Wipro HealthCare IT's systems are comprehensive, integrated and provide enterprise-wide benefits. The HIRePS HIS is designed to overcome the barriers of inter-operability and can be linked to external knowledge bases.

Implementation of IT solutions in hospitals poses several challenges. Wipro HealthCare IT's MSLT Methodology is a robust Implementation Methodology for HIS in live running hospitals, with or without legacy systems at minimal risks. MSLT Methodology can be used for new hospital projects as well.

Wipro HealthCare IT Ltd. has a track record of successful implementation in both running hospitals and new hospital projects.

Training and orientation programs targeted at various user groups and all levels of personnel enable a smooth transition to the HIS and facilitate its implementation. Wipro HealthCare IT Ltd has developed several training tools, including self training tools, for continued training.





Total HealthCare Provider Solution:

Complete suite of products for Hospitals

- **HIRePS-HIS** – A comprehensive Hospital Information System with several integrated modules to meet the requirements of large hospitals.
- **HIRePS-Optional Modules** – There are several optional modules which can be added to the HIRePS-HIS, to cover specific functionalities and enhance overall value of the implementation to the client.

- **HIRePS-Interfaces** – Several Medical, Non-medical equipment and third party softwares can be interfaced to the HIS. These interfaces give added value and further extend integration of the HIS with various external systems, for example interface with the Bio-Chemistry Auto Analyzer, PACS, EPABX.

- **HIRePS-Physician Workstation** – The Physician Workstation incorporates several functionalities, including CPOE (Computer based Physician Order Entry) to Scheduling, Reminders, and Appointments and clinical documentation. The workstation also provides the functionality to Generate/View Test Requisitions, lab results, Drug substitution status, Bedside Procedures and Medical Equipment Orders and a facility to view the patients' folders.

- **HIRePS-MMS** – The work flow Materials Management in hospitals are unique - Several medical consumables and surgicals go through the CSSD/sterilization process. Some consumables like catheters are reused a limited number of times before being disposed. HIRePS-Materials management system incorporates these workflows and seamlessly integrates Purchase, Main Stores, Sub-stores and various consumption-points in a Hospital. Stocks of materials at different stores can be checked and maintained. The system integrates with HIRePS-HIS order entry, billing and financial systems.

- **HIRePS-HRMS** – Healthcare Human Resource Management Systems has all the functionality required for the HR department of the hospital, including recruitment processes, performance evaluation, shifts, payroll and monthly regulatory submissions and compliance reports. HIRePS-HRMS has some advanced features like role definitions and identity management linked to security.

- **HIRePS-Financial Systems** – Wipro HealthCare IT provides Financial Management Systems to hospitals which seamlessly integrate with HIRePS-HIS. The HIRePS-Financial System covers all basic requirements for any financial accounting system. Further, it includes some hospital specific financial systems like Package-deal Designer, Contract Management, and Physician Accounting.

While providing integrated financial systems, Wipro HealthCare IT also provides options to interface the client's existing accounting systems and allows customers to choose between other financial systems like Oracle Financials*, Peachtree* & Tally*, etc.

- **HIRePS** is a registered trademark of Wipro HealthCare IT Ltd. All others names are trademarks of their respective owners.

HIRePS range of Products for other Providers

- **HIRePS-Retail Pharmacy** – A desktop product with all features and functionality like Sales, Procurement, Inventory & Cashiering etc. to meet the requirements of a Retail Pharmacy Store.
- **HIRePS-Supply Chain** – The application has the ability to meet the requirements of a Supply Chain company dealing with Pharmaceutical, Medical and Surgical Consumable products. The product has the ability to connect remotely through RAS to all customers and vendors of a Supply Chain Company, which enables them to monitor stocks through reports, and deliver required goods. The modules keep track of Main/Central Store, Sub-Stores, Pharmacies and other Purchases.
- **HIRePS-Clinics** – A solution designed to meet the requirements of a Clinic / Diagnostic Centre. Clinic Software has the functionality to manage Front Office, Labs, Inventory, and the administrative needs of a clinic.



HIREPS-Suit of products is a state-of-the-art, flexible and integrated solutions for Hospitals. The HIREPS solutions seamlessly integrates all departments and functionalities in a hospital. It is the only standard, scalable solution for hospital IT system.

Wipro HealthCare IT Limited - List of Modules

HIREPS-HIS

- Reception
- Registration
- OP Billing
- IP Billing
- ADT
- Emergency
- Ward
- ICU
- Phlebotomy
- Laboratory
 - Bio-chemistry
 - Microbiology
 - Pathology
 - Serology
 - Hematology
 - Cytology
 - Immunoematology
- Operation Theatre
- Discharge Summary
- IP Pharmacy (With Basic Inventory)
- OP Pharmacy (With Basic Inventory)
- Administration
- MIS
- Security & Identity Management

- CSSD
- Biomedical Equipment Management
- Maintenance
- Marketing
- Preventive Healthcare
- Medical Records Management
- Electronic Patient Folder
- Security & Identity Management

Optional Modules

- Pre-registration
- Radiology Investigations
- Cardiology Investigations
- Transfusion Medicine
- Physiotherapy
- Cath lab
- Housekeeping
- Laundry
- F&B
- Diet & Nutrition

Interfaces

- Financial Accounting
- Telephone Exchange
- Lab Equipments
- Gas Monitoring
- PACS
- SMS/Paging

Physician Workstation

- Physician Module

HIREPS-MMS

- Purchase (General & Pharmacy)
- Receiving Bay
- Main store (General & Pharmacy)
- Sub-Stores

HIREPS-HRMS

- Human Resources
- Payroll
- Time Office

HIREPS-Financial Systems

- Physician Accounting
- Financial Accounting
- Fixed Assets
- Accounts Receivables
- Package Deal Designer
- Contract Management

Others Products Offered

Retail Pharmacy

- Comprehensive product to meet the requirements of a Retail Pharmacy.

Healthcare Supply Chain

- A Complete product for Pharmaceutical and Surgical Distributors

Clinic Software

- Suitable to meet the requirement of a Clinic/Diagnostic Centre

