

# Oratier

TECHNOLOGIES (PVT.) LTD.

## ❖ INTRODUCTION

Oratier Technologies was founded as a partnership concern in September 2000. Keeping in view the advantages of corporate structure the Oratier Technologies, a partnership concern, was incorporated into a Private Limited Company at the start 2002 and the company entered into agreement with P L D Publishers, who are the leading publishers of law reports and legal information providers and are the legal copyright owners of data being provided online by the company under agreement.

Oratier Technologies prides itself in automating Government Departments, Business Process Re-engineering and Developing Business Solutions which address the present needs of customers and provide scalability for future growth.

Our Software Architecture team is composed of highly experienced professionals who design software design to perfection applying best practices in Software, Design & Development. The company employs tools like .Net and Java and has created components for rapid development.

The Development, Configuration Management & Quality Assurance Departments work in close coordination and team work so that the software is reliable, scalable, robust and usable.

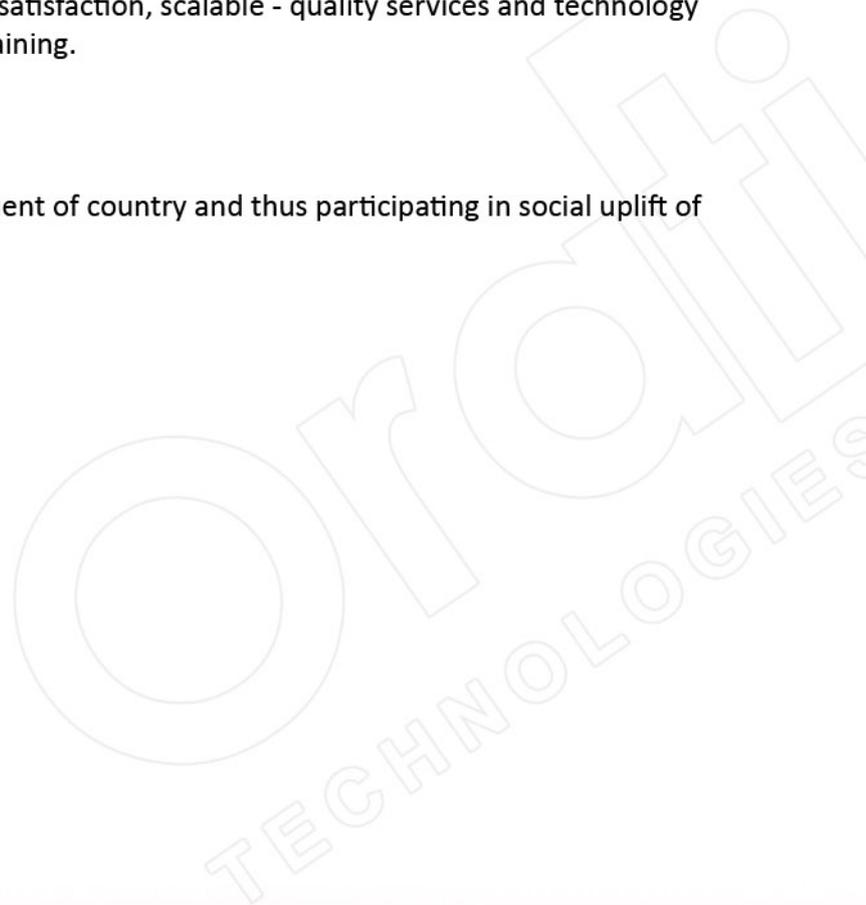
Our 24 X 7 support and presence in all districts of Pakistan give us an edge over all software companies in Pakistan. Our products like Pakistanlawsite, Hospital And Clinical Information Management System and GIS solutions are geared to perform, keeping in view customer demands and exceeding customer satisfaction.

## VISION

Enabling IT based society by providing customer satisfaction, scalable - quality services and technology relevant solutions with excellence in technical training.

## MISSION

Harvesting Information Technology for development of country and thus participating in social uplift of people of Pakistan.



Oratier Technologies (Pvt.) Ltd. is pioneer leader in the online legal publishing industry by providing online legal research materials and information products for legal professionals in small and large law firms, law school and the judiciary. It delivers access to continuously updated archives of reported state and Federal case law, statutes and regulations and presently besides many other persons and institutes the site is being subscribed by Supreme Court Pakistan, Attorney General Office, Punjab University Law College and many law firms of International repute.

Oratier Technologies (Pvt.) Ltd. provides information to legal, corporate, government and academic markets, and publishes legal, tax and regulatory information comprising of case law, Statute, Articles etc., online with regular monthly updating. Leading legal Publishing house of Pakistan, i.e., P L D Publishers and Oratier Technologies (Pvt.) Ltd. have collaborated to bring "[www.Pakistanlawsite.com](http://www.Pakistanlawsite.com)", an innovative Internet website which provides most comprehensive recourse amongst the legal resources available in the market and is widely being subscribed.

Oratier Technologies (Pvt.) Ltd. collaboration and under licence and by virtue of a agreement with MS. P L D Publishers, the Pioneer leading publishing in law reports, has already established technological solutions for the provision of legal information on line.

Oratier Technologies (Pvt.) Ltd. unites strong brands, pioneering technologies and premium information for subscribers in the corporate, government and academic markets. The company is the market leader and pioneer in the whole world of Pakistani legal, tax and regulatory matters online in a comprehensive database.

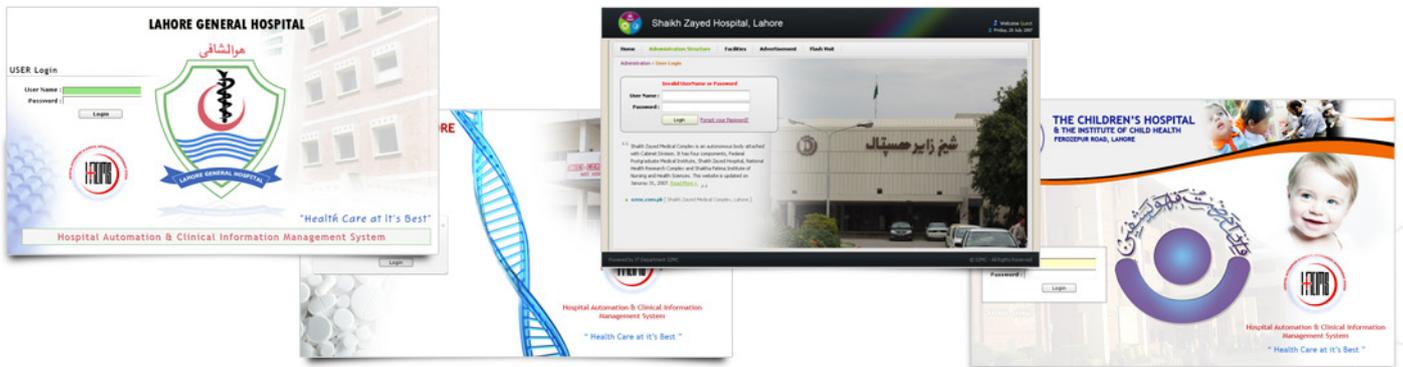
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A trusted source, Oratier Technologies (Pvt.) Ltd. offers targeted Web information solutions that can be integrated into the subscribers business processes and systems. Oratier Technologies (Pvt.) Ltds. Web and dial up online solutions combine searchable access to more than three million documents with leading edge systems and tools for managing this content.



Automation over the years has been used and treated as a buzz and its mere presence in some form auxiliary functions. With changing times automation solutions are based on business model and it is used as a means for efficiency gain, facilitation for patients and decision making. The IT has to be in stages of doable milestones be set as a measurement to destiny but it should be aggressive and integrated to business model of institution which when used with latest technology a effective model starts to emerge. Oratier Technologies in the past has been involved in initiating IT conversion of processes. Oratier Technologies has been pioneers in automating Government hospitals all over Punjab, according to International health standards HL7. Oratier started from Lahore General Hospital, Lahore and Mayo Hospital, Lahore and implement the software step by step on all hospital of Government of the Punjab, Pakistan.

Oratier Software's Domain Knowledge, Analytical and Design experience, in our view would provide firm basis for successful Automation.



Health Care at its' Best



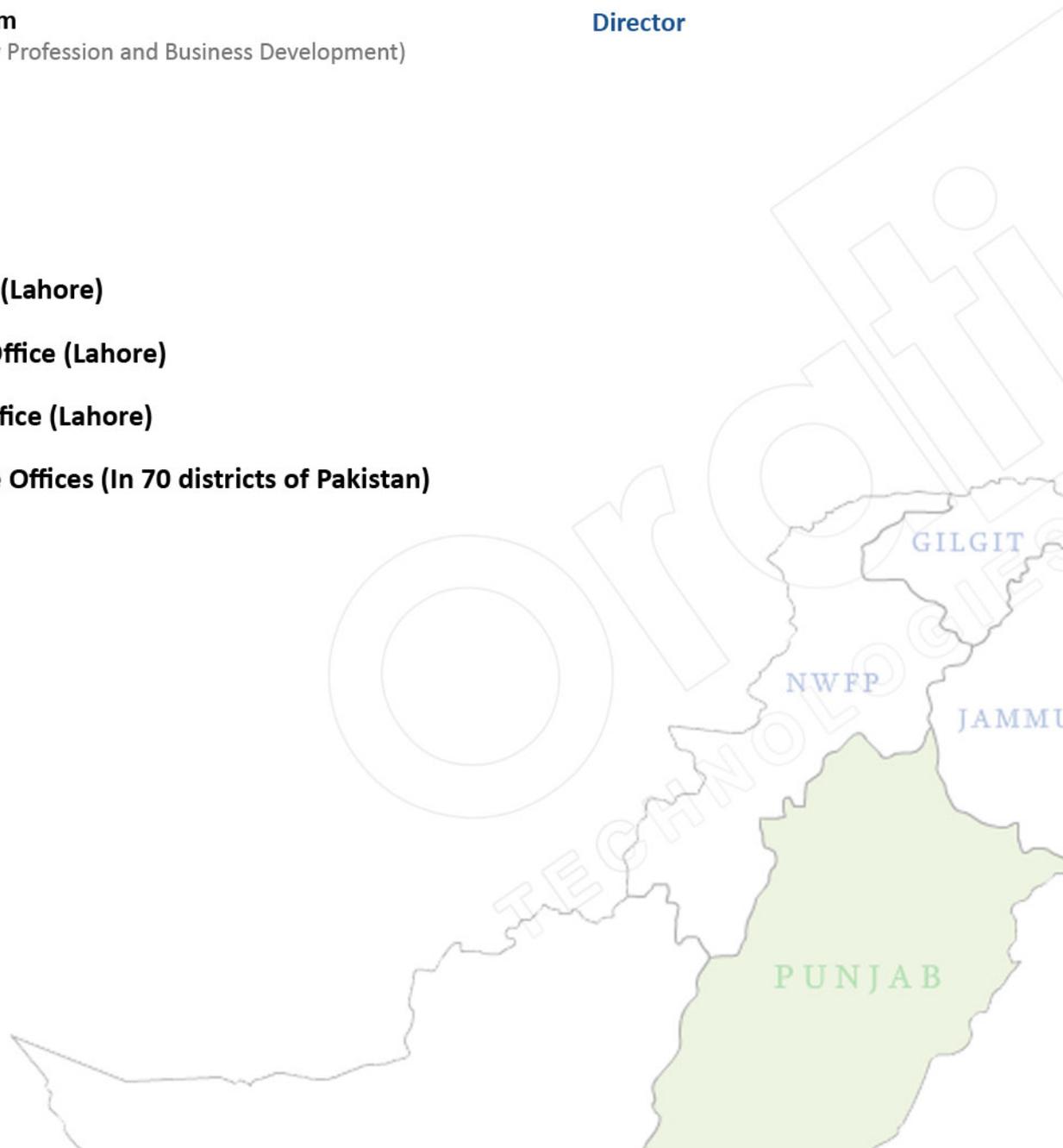
## ❖ MANAGEMENT

Presently the following are the Directors of the Company :

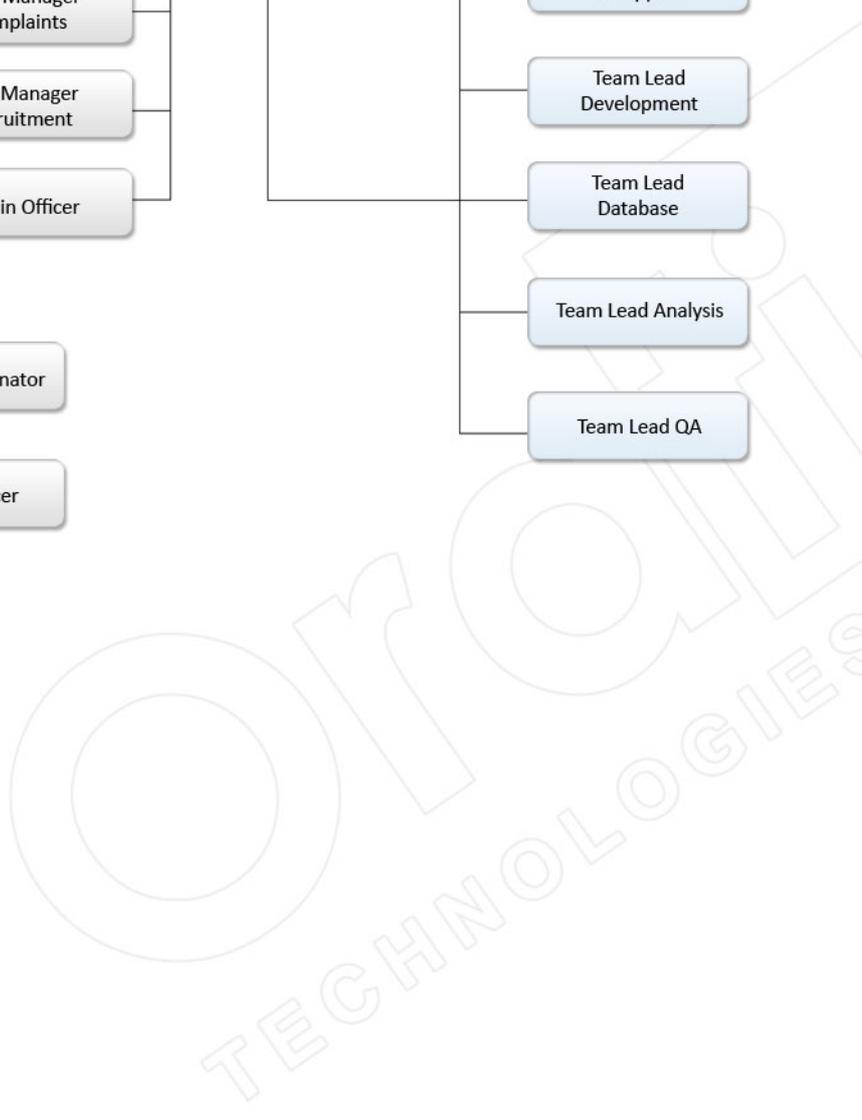
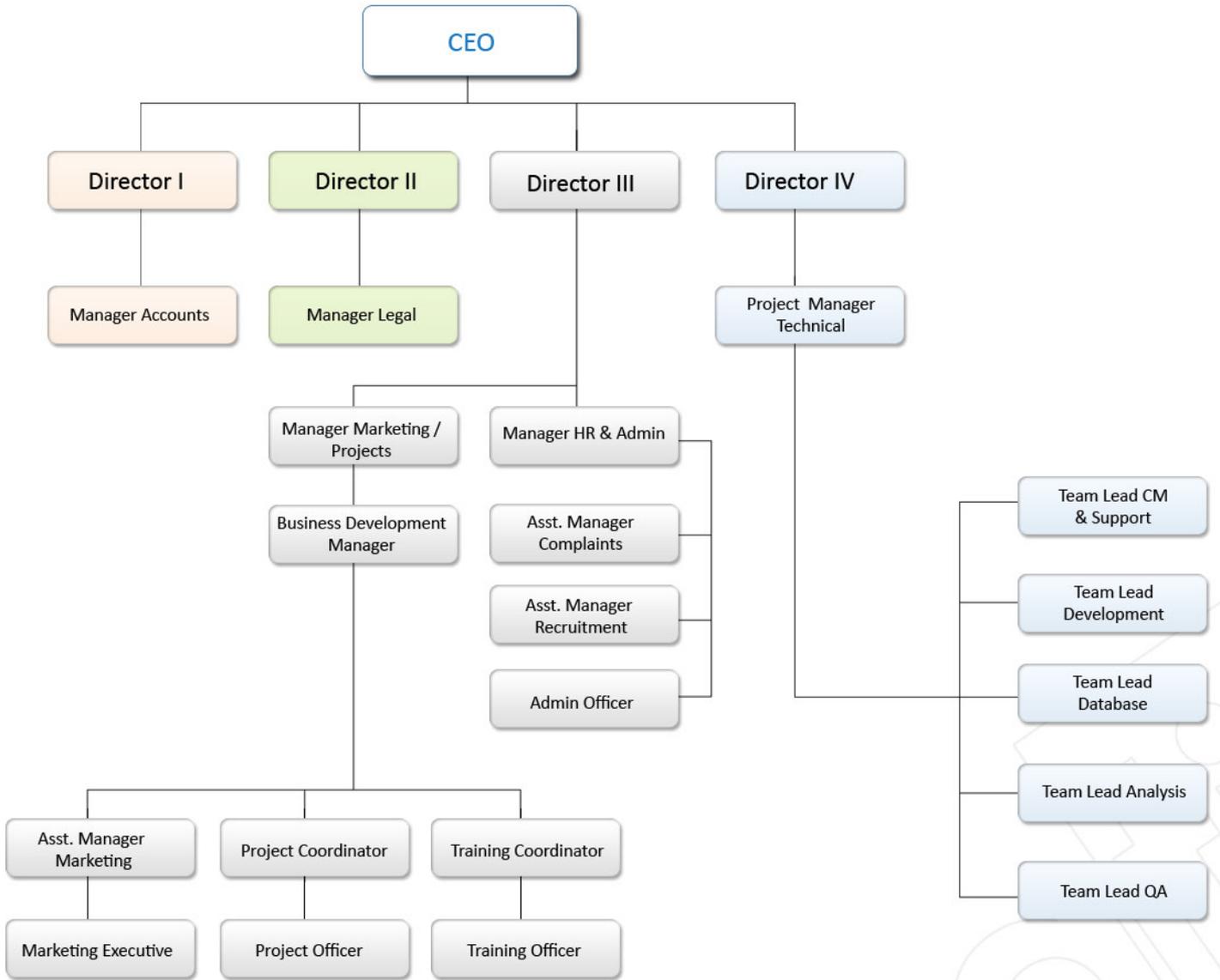
- Mr. Saif-ul-Islam Janjua** **Director**  
(An Engineer by Profession and Web Master)
- Mr. Zubair Saeed** **Director & Chief Executive**  
(Law Graduate, Editor of Law Reports and the visiting faculty of Punjab University Law College, Lahore and Managing Partner PLD Publishers.)
- Mr. Azhar Saeed** **Director**  
(Law Graduate, Editor of Law Reports and Managing Partner PLD Publishers.)
- Mr. Zia-ul-Islam** **Director**  
(An Engineer by Profession and Business Development)

## OFFICES

- Head Office (Lahore)**
- Marketing Office (Lahore)**
- Technical Office (Lahore)**
- Project Base Offices (In 70 districts of Pakistan)**

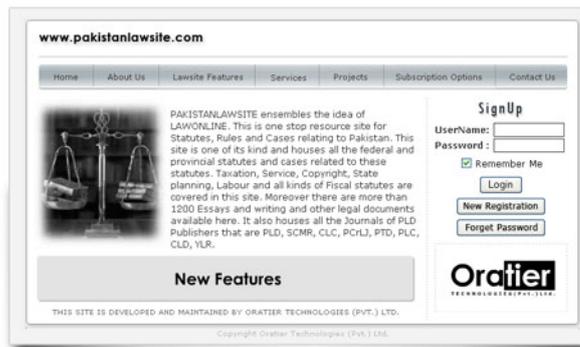


❖ **ORGANOGRAM**



## Pakistanlawsite.com

- With up to date statutes and case law this lawsite premiers in all other available legal resources.
- Training the lawyers and judges in case preparation with the help of www.Pakistanlawsite.com
- Its search tools are efficient and lead to the exact information required.
- The statutes and case law available at this site carry the authenticity of PLD publishers which all the Courts prefer to accept.
- With its availability on Internet, at district bar level, unmatched convenience to Advocates shall be available.
- With the progressive development of Internet access even in the remotest areas in Pakistan availability of www.Pakistanlawsite.com at district bar level, is the only efficient and economical solution any average lawyer could ever think or dream of.



## Pakistantaxsite.com

PAKISTANTAXSITE is easy to use, offering hypertext links, customized query templates search results and print facilities.

It allows you to search across variety of data instantly accessible from any where in the world. With the latest information at your fingertips, there is no need to spend time on filing or searching for the most up to date disk.



## HACIMS - Hospital Automation & Clinical Information Management System

- Web based System.
- Conformance to standards (for e.g. HL7 Standard for Exchange of Information regarding clinical documents)
- Modular Deployment.
- Ease of Customizability at Department or Doctor level.
- Sharing of Data securely.
- Click base system with tooltips for Patient Treatment.
- Integrated with other Hospitals via web services
- Integrated with Medical Equipments.
- Direct transmitting of Medical Equipment reading to interlink terminals and also store in Database.
- Generate complete Patient's Electronic Profile.
- Easy to integrate with non-Medical modules



Health Care at its' Best

TECHNOLOGIES

## HACIMS - Telemedicine Solution

- Telemedicine by definition is “The use of medical information exchanged from one site to another via electronic communication for the health and education of the patient or health care provider and for the purpose of improving patient care.”
- Easy to use web platform
- You can create your own templates
- You can defined your own patient examination parameters
- Search options on all information.
- Choice of Menus and Tabs
- Editable Diagrams
- The application is customizable so that it is easier to configure it for every department.
- Each department can customize
- Remote Hospital
- Patient Profile Composition (Patient Registration)



Health Care at its' Best

TECHNOLOGIES

## PACS - Picture Archiving and Communication System

In medical imaging, picture archiving and communication systems (PACS) are computers, commonly servers or NAS boxes, dedicated to the storage, retrieval, distribution and presentation of images. The medical images are stored in an independent format. The most common format for image storage is DICOM (Digital Imaging and Communications in Medicine). However, other more generic file formats like AVI (Audio Video Interleave), PDF (Portable Document Format) and others are used where they may have distinct advantages over DICOM for motion video images or where audio is required or for reports scanned from paper. Electronic images and reports are transmitted digitally via PACS; this eliminates the need to manually file, retrieve or transport film jackets. A PACS consists of four major components :

- The imaging modalities such as CT and MRI
- A secured network for the transmission of patient information
- Workstations for interpreting and reviewing images
- Long and short term archives for the storage and retrieval of images and reports

Combined with available and emerging Web technology, PACS has the ability to deliver timely and efficient access to images, interpretations and related data.

PACS breaks down the physical and time barriers associated with traditional film-based image retrieval, distribution and display.

The image displays the Oratier PACS software interface, which includes a table of study data and a network diagram illustrating the system's architecture.

Study Name	Patient ID	Accession #	Study Date	Description	Series	Instances	Modality	Status
ADNA HARBEL	CT-4041029	01	02 Aug 2010	ABDOMEN PELVIS	4	420	CT	Open
ALITALA	CT-3991029	02	02 Aug 2010	BRAIN	3	30	CT	Open
BRAND-HASSAN	CT-4351029	03	02 Aug 2010	ABDOMEN	7	620	CT	Open
BRANA	CT-4041029	04	02 Aug 2010	H/8	3	302	CT	Open
JARILA	CT-3961029	05	02 Aug 2010	RENAL ANGIO	5	1302	CT	Open
KARIMAT ALL	CT-3941029	06	02 Aug 2010	CT PELVIS/ANUM	5	3078	CT	Open
MALINDRA	CT-3971029	07	02 Aug 2010	BRAIN	2	26	CT	Open
NAFTHAL HASSAN	CT-3971029	08	02 Aug 2010	ABDOMEN	5	632	CT	Open
QADIR HASSAN	CT-3961029	09	02 Aug 2010	IPAC	2	30	CT	Open
RAZA SULTANA	CT-4040-41029	10	02 Aug 2010	CH/4	5	883	CT	Open
SHAWD HANZ	CT-3961029	11	02 Aug 2010	CH/ST B/AND	7	791	CT	Open
SHAWD HANZ	CT-3961029	12	02 Aug 2010	CH/ST B/AND	4	717	CT	Open
SISTAR ALLOCRISIA	CT-4041029	13	02 Aug 2010	BRAIN	4	98	CT	Open
SYED ALI AHMAD	CT-3971029	14	02 Aug 2010	ABDOMEN	5	507	CT	Open

The network diagram shows the following components and connections:

- Imaging Modalities:** C-Scan, MRI, and Angiography are connected to a central **Switch**.
- Storage:** The Switch is connected to **Other Storage Media** and an **Application Server (NAS)**.
- Core:** The Application Server (NAS) is connected to the **PACS SERVER**.
- Users:** The PACS SERVER is connected to **Users** who access the system via workstations.

## Computerization of Lahore General Hospital

The Lahore General Hospital was inaugurated by the Governor West Pakistan on January 29, 1959. Hospital was used as convalescent home for the super flex patients of Mayo Hospital, Lahore .

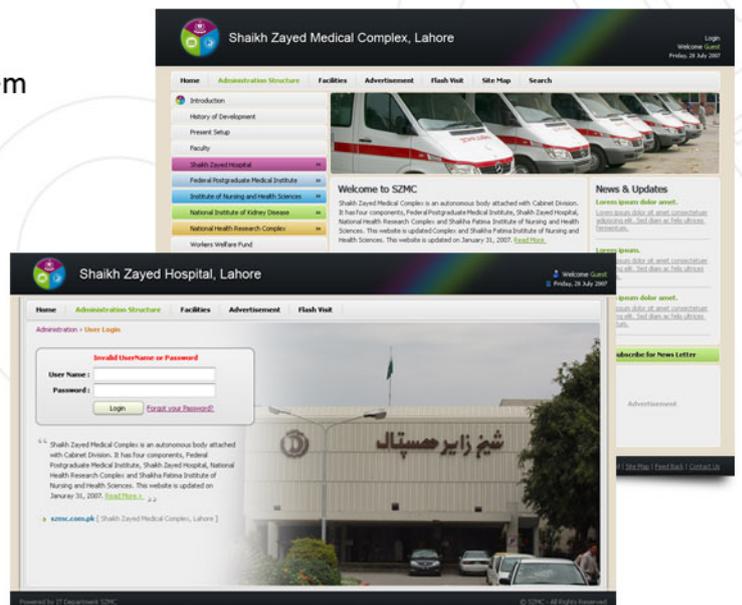
- Automation of all departments of Lahore General Hospital.
- To provide online services through web, portal will be developed for the hospital. The primary purpose of this portal is to provide better environment of coordination between service providers and end users of the hospital.
- To construct a complete web site of the hospital and the patients of the hospital to provide instant information for the donors and philanthropists etc.
- Implementation of health standards
- To connect the hospital with renowned local and foreign institutions for exchange of knowledge, research and data.



## Computerization of Shaikh Zayed Hospital

This project aims to enhance the current IT infrastructure at Shaikh Zayed Medical Complex, Lahore, so as to improve internal communications, facilitate speedy delivery of services to citizens and provide appropriate access to information on the workings Shaikh Zayed Medical Complex, Lahore to the common man to provide greater transparency.

- Patient Registration System
- Outpatient & Specialties/Consultant Management System
- In-Patient & Emergency/Casualty Management System
- Operations Theater Management System
- Intensive Care Unit Management System
- Diagnostic Information Management System
- Clinical Laboratory Modules
- Patient Billing & Income Management System
- Medical Record Management System
- Asset Management System
- Medical Stores & Pharmacy Management System
- Shaikh Zayed Web Portal
- Dietary Management System
- Center Sterilizing Services Management System
- Complaint Management System
- Payroll Management System
- Financial Assets Management System
- Estate & Nursing Hostel Management System
- Library Management System
- Students Evaluation & Result Management System
- Cafeteria Management System
- Help Desk / Public Relation Centre
- Enterprise Resource Planning Applications
- Human Resource Management System
- Procurement Management System
- Inventory Management System
- Finance Planning & Budgeting



## Basic IT Training at 53 Press Clubs and Press Information Department

- Basic IT Training of Press Information Department Members
- Basic IT Training of District Press Club Members
- Providing internet facility at 82 Press Information Departments and of District Press Clubs

## Provision of Basic IT Training, Licensed Software, Networking, Internet Connectivity, Voltage Stabilizers and Furniture at 53 Press Clubs

- Provision of Office Productivity Suite and Internet Security Software
- Provision of Voltage Stabilizers and Networking at Press Clubs
- Provision of Furniture (Table and Chairs) at Press Clubs
- Training on Basic IT Skills for Journalist
- Provision of internet to 53 Press Clubs

## Web Portal of Punjab Education Sector Reform Program (PESRP)

- Provide online information of more than 63000 schools and 450 colleges of Punjab and all their staff.
- Online Activities of PESRP
- Missing Infrastructure Scheme
- Stipends for Girls
- Free Text Books Distribution
- Punjab Education Foundation
- Teacher Recruitment
- Teachers Training
- Monitoring & Evaluations.
- School Council
- Awareness Campaign



## Computerization of Trading Corporation of Pakistan

This project aims to enhance the current IT infrastructure at Trading Corporation of Pakistan, so as to improve internal communications, facilitate speedy delivery of services to citizens and provide appropriate access to information on the workings of Trading Corporation of Pakistan to the common man to provide greater transparency.

Trading Corporation of Pakistan covering all its functions of divisions/sections, mentioned as below :

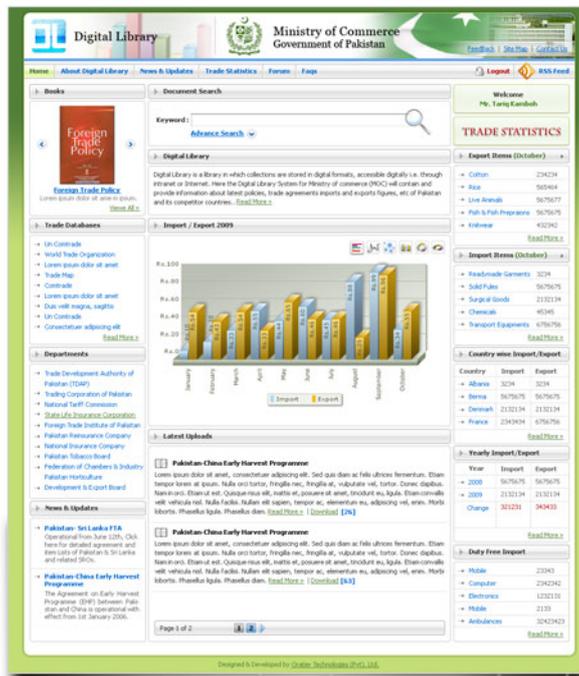
- Admin
  - Admin Section
  - HR
  - Admin Accounts
- Finance
- Imports
- Exports & Marketing
- Clearing, Shipping & Distribution
- Cotton
- Godowns
- Secretary & Corporate Affairs
- Internal Audit
- Regional Office Lahore
- Liaison Office Islamabad



## Digital Library - Ministry of Commerce

DLS is a comprehensive web based system providing an online resource center for promoting Pakistan's industry and its valuable products, information and import & export Statistical data and related documents to its authorized users.

- The Digital Library includes..
- Collection of services / functionalities
- Collection of information objects available physically and electronically i.e. audio, Video and images collections
- Supporting users in dealing with information objects
- Organization and presentation of those objects
- Available directly or indirectly via electronic /digital means
- Import/Export each File which is imported to data base on monthly basis



## Computerization of OMAR Hospital Lahore

- HACIMS ERP of Omar Hospital was Deployed in 2008.
- Customization was Done in Short Period of 2 Months.
- Financial Modules were developed which Covered Financial & Accounting Services of Hospital.
- Software is now in Maintenance Stage.
- Online access and Managerial Level Reporting has been incorporated which has improved the Management of Hospital.
- Patient Services are Marked at Nursing Counter thus reducing the risk of incoherent billing.
- Integration of Administration, Doctor & Patient Services.

The screenshots display the 'Patient Admissions' section of the Omar Hospital & Cardiac Center, Lahore web application. The interface includes a navigation menu, a date range selector, and a table of patient admissions.

**Top Screenshot Data:**

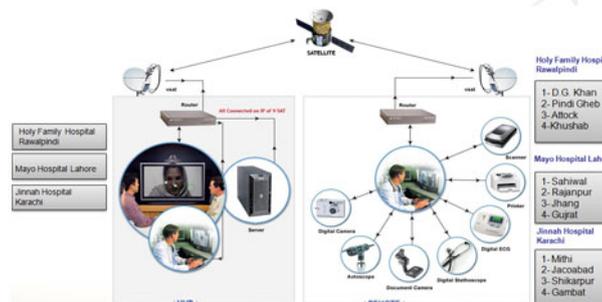
Floor	Room	File No.	Patient Name	Consultant Name	Admission	Discharge
Basement	03	3138	Mr. Muhammad Ahmed	Tahir Masood	Feb 17, 2009	
Nursury	03	3138	Mr. Muhammad Ahmed	Tahir Masood	Feb 17, 2009	
CCU	02	3137	Mr. Zaher Alamger			
CCU	07	3139	Mr. Muhammad Alam			

**Bottom Screenshot Data:**

Floor	Room	File No.	Patient Name	Consultant Name	Admission	Discharge
Basement	03	3138	Mr. Muhammad Ahmed	Tahir Masood	Feb 17, 2009	
Nursury	03	3138	Mr. Muhammad Ahmed	Tahir Masood	Feb 17, 2009	
CCU	02	3137	Mr. Zaher Alamger	Buland Akhtar	Feb 17, 2009	
CCU	07	3139	Mr. Muhammad Alam	Ifan Bakshi	Feb 17, 2009	

## HACIMS - Telemedicine Solution (MOIT - HEALTH NET Telemedicine Project for Rural/Remote Areas of Pakistan)

- Telemedicine by definition is “The use of medical information exchanged from one site to another via electronic communication for the health and education of the patient or health care provider and for the purpose of improving patient care.”
- MoIT-HealthNet, Telemedicine projects are meant to assist the government in Transforming delivery of healthcare services and making them available at the door-steps of common man, through the use of information and communication technology as a solution.
- The project is being proposed with the objective to provide people living in rural/ remote areas of Pakistan, cost effective means for seeking consultation, advice and treatment from specialist doctors based in big urban center hospitals, at their desktops through Tele-Diagnosis/Consultation and Tele-Treatment.
- Reduce the isolation of healthcare providers in rural communities through the expansion and enhancement of the Tele-medicine, which provides educational and clinical services.
- Reduce cost of travel for patients and providers.



TECHNOLOGIES

## Access to Statutory/Caselaws at District Bar Associations

- Develop a web base application containing all act, ordinances, rules, regulation, circular, notification and reported judgments courts.
- Interconnect judiciary system of Pakistan with centralize database.
- Appoint Network specialist and trainer at each district to trouble shut technical problem.
- Training the lawyers and judges on online access to statutes and caselaws



## Law Department Management Information System

- Statutes Management System
- Case Law Management System
- Urdu Translation Wing Management System
- Legal Request Management System
- Assembly Bill Management System
- Digital Law Library
- User Management and Access Right
- Human Rights Management System
- Library Management System



## Computerization of Katchi Abadies

- Automation of All the Katchi Abadies of Punjab
- Districtwise Katchi Abadies
- Tehsilwise Katchi Abadies
- National Assembly Wise Katchi Abadies
- Provincial Assembly Wise Katchi Abadies
- Union Council Wise Katchi Abadies
- Land Owning Agencies Wise
- Component Wise Katchi Abadies



## ❖ PROJECTS

### PROMIS & AFIS

- Identify the suitable location in each police station for wireless Tower.
- Get Geographic Coordinates at specific location for wireless tower and identify the obstructing obstacles for propose location.
- Identify the existing Technical equipment related to that project.
- Digitization of all Data.

## ❖ CONTACT US

### Customer Care Office

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