In Future, Most of the PACSs will have Collaborative Platform.
We have it today.

Meddiff shows the way.
GLOBAL COMPLIANCE STANDARDS

- FDA Cleared
- DICOM Compliant
- HL7 Compliant
- HIPAA Compliant

SECURITY FEATURES

- Audit trail
- Access control and management
- Online session control
- Digital signature for reports
- Image transfer in encrypted format and streaming inbuilt encryption
- Use of AES Encryption, MD5 checksum, SSL, PGP

Our technology: keeping pace with change

Streaming:
- Allows Radiologist to view images at any bandwidth
- Progressive transmission

Web Based Solution:
- Browser Based Access
- Anytime & Anywhere access

Platform Independent:
- Hardware Independent
- Viewer can be installed on any platform - Windows, Mac or Linux

Mobile Support:
- iPhone
- iPad
- Android

STORAGE MANAGEMENT

<table>
<thead>
<tr>
<th>ONLINE</th>
<th>NEAR ONLINE</th>
<th>OFFLINE</th>
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<td><img src="image2.jpg" alt="Storage Device" /></td>
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STREAMING AND WEB-BASED TECHNOLOGY
Products

InstaRAD
On the Go, Fast Streaming, Priority Viewing
- TeleRadiology solution for Standalone Imaging Centres/Hospitals
- Truly web based solution for image access
- Reporting module - Inbuilt
- Requires minimal bandwidth
- Easy Access (laptop & datacard)
- Lossless Transmission
- DICOM Image Viewer complete with all post-processing tools

Enterprise InstaRAD
Simple Solution for Complex Workflows
- Connects Multiple hospitals / Diagnostic centres
- Deployment at a central server
- Collaborative and hierarchical reporting
- Digital Signature
- SMS Alerts, Email and Fax integration
- Work flow module - work list allocation based on predefined rulesets
- Ability to transfer data on low bandwidths from remote centres: Perform much better than standard techniques

InstaPACS
Connecting Doctors to the Point of Care
- Highly scalable architecture
- Designed to handle 1000+ scans per day and 100+ concurrent users
- Platform Independent: Windows/Linux/Mac
- Database Options: Oracle/Sybase/SQL Server/MySQL
- Long-term Storage
- Clients on LAN, WAN or Internet
- Integration with RIS / HIS - HL7
- DICOM modality worklist
- CME module
- Access on mobile phone
- Report Search Engine
- Multi-Dept. Support: Radiology, Cardiology etc
- Robotic CD/DVD publisher, Voice Recognition
- Advanced 3D workstation, Blu-ray Archival

Enterprise InstaPACS
Integrated Solution for Group of Hospitals
- Solution for multi-facility PACS
- Single point of data access across the facilities
- Centralized Radiology Reporting for all hospitals
- Architecture Options: Distributed / Centralized / Cloud
- Centralized User Management & Various IT Operations
- Global worklist
- Physician collaboration across hospitals
- Robotic CD / DVD publisher
- Voice Recognition
- Advanced 3D workstation
- Blu-ray Archival

InstaCath
Cardiac PACS Solution
- No need of a CD for transporting the Angio
- CathLab, 2D Echo Connectivity
- CD creation for Patients

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InstaNM
Gated Nuclear Medicine Image Support
- PET / CT fusion
- User can view the complete Gated NM movie (even on tele)

Tele Cardiology

Tele Nuclear Medicine
InstaRISPACS (Standalone / Enterprise)

- Front desk, Technician, Radiologist, HOD and Physician modules
- Patient Registration
- Order Creation & Billing
- Appointment & Scheduling
- HOD Functionality
- Case Assignment Rules
- Dashboard
- MIS
- Technician Notes & Track of consumables
- Image archive on a central server
- Clients on LAN, WAN or Internet
- HIS Integration
- DICOM modality worklist
- CME module
- Access on mobile phone
- Biometric integration
- Radiologist reporting workflow with TAT

HIS integration

All deployment of InstaPACS and InstaRIISPACS have been integrated with HIS (few of them have been non HL7)

1. Physician Places the Radiology Order in the HIS
2. Order is communicated to the PACS
3. PACS Schedules the order and modality picks the order in the worklist
4. Scan is Performed and images are auto pushed to the PACS Server
5. SCAN DONE message is sent to HIS
6. Radiologist views the images in the PACS. Gets the Patient’s history in PACS through HIS
7. Radiologist creates the report in PACS which is pushed to HIS
8. Physician sees the report along with images. PACS image viewer is integrated in HIS
Additional modules

**Robotic- CD/DVD publisher**
Solution to print CDs/DVDs with patient data
User-friendly CD/DVD creation capability directly from PACS

**Mobile interface**
WADO server for mobile devices
User access with authentication
Patient information in the form of thumbnail images

**Voice recognition system**
Does away with manual transcription of reports
Reduction in costs and better patient care
Improvement in efficiency
Integration with InstaRAD viewer

**DICOM print**
Select from a wide range of features in layouts, page size, and image orientation, and print your DICOM image.

**Workstation – 3D**
With a click user can launch the 3D application
Orthogonal MPR
Oblique MPR (Single / Double)
MaxIP / AvgIP / MinIP
Support for both CT & MR Images
Reporting interface

- Reporting Module is customizable
- Designed as per the HIS rules
- Template based reporting
- DB Form based reporting
- Signed off/Addendum workflow
- Multi-level Reporting – Draft/Reviewed/Signed off
- Reports are digitally signed
- Macros support
- Report locking
- Electronic & Digital Signature Support
- PDF Printing

Report search engine

It is very useful for Radiologists to search the existing reports on keywords. This requires a dedicated Search Engine capability as reports are text data. Report search engine is a good database for doctors to search their internal cases on various findings. Results can be further filtered based on age and sex.
InstaVNA
Typical PACS deployment

VNA scenario

VNA based PACS Architecture
Online Collaboration Module with Video Conference

The platform allows two or multiple users to do audio/video conferencing, desktop sharing & access to shared whiteboard. InstaPACS enables the physicians/radiologists across the various hospitals to collaborate via video and chats. If Radiologist is online and Physician likes to discuss the case he should be able to initiate the video conferencing through the system.

**Getting Connected**

**Video Conferencing**

**Desktop Sharing**
Meddiff takes image transmission technology to modalities beyond radiology

Indian Clientele List
- Apollo Hospitals, Bangalore & Kolkata
- Bapuji Medical College, Davangere
- Bharati Vidyapeeth Deemed University, Pune
- B.M. Patil Medical College, Bijapur
- Columbia Asia 7 Hospitals (Across India)
- D.Y. Patil Medical College, Pune
- Dr. Shaji’s MRI Scan Centre-7 Centres in Kerala
- Dr. Vikhe Patil Memorial Hospital & Medical College, Ahmednagar
- Elbit Diagnostics Pvt. Ltd., Hyderabad & Bangalore
- Fortis Group - 12 Hospitals (Across India)
- G.S.L. Medical College, Rajahmundry - 4 Centres
- HCG Bangalore
- Indian Teleradiology Hub (ITH) - 45 Centres, Gujarat
- J.S.S. Medical College, Mysore
- Mahajan Imaging Centre, New Delhi
- Manipal Hospitals - 8 Hospitals (Across India)
- Muthoot Scans - 9 Centres, Kerala
- NIMHANS, Bangalore
- Osmania General Hospital, Hyderabad
- Pushpagiri Institute of Medical Sciences, Thiruvalla
- SRL Diagnostics Pvt. Ltd., Mumbai - 30 Centres (Across India)
- TNMSC - 10 Hospitals, Tamil Nadu
- Vijaya Diagnostic Centre (P) Ltd., Hyderabad - 13 Centres
- Yashoda Hospitals, Hyderabad - 3 Hospitals

International Clientele List
- Virtual Radiology Corporation (VRC), USA
- European Scan Centre, UK
- KING EDWARD VII’s HOSPITAL Sister Agnes, UK
- 9 Harley Street Ltd., UK
- National University Hospital (NUH), Singapore
- Radlink Diagnostic Imaging Pte Ltd, Singapore
- Columbia Asia, Malaysia - 9 Hospitals
- Columbia Asia, Vietnam
- Siloam Group of Hospitals, Indonesia
iPod interface

Physicians can view the images in wards/bedsides

What our clients say

“Three years ago, when we were looking at a partner to link all our centres across the country reliably and economically, Meddiff Technologies and Sanjeev came out of nowhere to pip all the other hot-shot contenders to the post. We were extremely circumspect since the company was small and untested. But they were confident as hell!

They never let us down. They delivered on schedule and since then, the system has had a greater than 99% uptime with a virtually immediate response to any query or service call, if at all there is one.

We believe that we are fortunate that we have such a visionary company that delivers on its promises, as our partner.”

Dr. Bhavin Jhankaria, Piramal Diagnostics Centre, Mumbai

“I was associated with the company even before it was formally launched and was involved in the identification of the products to be developed.

I can say with confidence that the promoters and the team have a great vision which is backed up with tremendous skill sets, commitment and value system.

I am sure this company will go places in the years to come.”

Dr. Harsh Mahajan, Mahajan Imaging Centre, New Delhi

“I’m truly impressed with the Meddiff team and the agility that Meddiff products offer. I really hope you reach the number one spot because I can’t think of any other big or small vendor that can beat your competence, dedication and integrity. Good luck, Meddiff something tells me you’re heading for the stratosphere!”

Dr. Shalini Govil, Head of Radiology, Columbia Asia Hospital, Bangalore
Meddiff in media
(Formerly known as Medsphere)

Our strengths
- US FDA Cleared
- HIPAA compliant
- Integrated RIS/PACS/HIS
- Requires minimum bandwidth for laptop and data card
- Fast access to images, even on mobile phones
- Integrated VR and Robotic CD Publisher
- Secure reporting, digital signature, macros
- VNA Architecture
- Online Collaboration Platform
- Speed of customization
- Remote installation, training and support
- The largest installed base of PACS/TR implementations in India

About us
- Founded in 2007 (Now No.1 Indian PACS / TR Co.)
- In-house Streaming Technology
- Core Founding Team from GE, Siemens, Motorola and Yahoo
- Development Team from IITs, RECs
- Around 500 PACS/Tele-Radiology Installations
- Presence in India, UK, USA and Far East Asia