A unit of Precise Teleradiology365 Pvt. Ltd

Directors: Dr. Shivram G. Iyer, MD  
Dr. Rohit Gupta, MD, DNB, MNAMS

Registered Office: 198, Gagan Vihar, Delhi-110051

Phone numbers: 9999416505  
9810422118

Email: contactus@telerik365.com

URL: www.telerik365.com  
www.teleradiology365.com
WHY US?

- Group of highly experienced and acclaimed radiologists from New Delhi, India, aiming to provide the best mixture of skill, experience and youthful energy
- Detailed reports which are easy to comprehend
- Culture of panel discussion before finalizing any gray area; strict adherence to promised turn-around-time
- Round the clock and round the year services
- Secure technology framework with total confidentiality of patient data.
Trusted Reads from Telerad India:

- Teleradiology is a means of electronically transmitting radiographic/medical patient images and consultative text from one location to another.

- A holistic Service approach to solve the fundamental Clinical expertise divide between geographies.

- An end to end solution to Institutional problems dealing with Radiological Interpretations for routine as well as subspecialty radiology.
About Telerad India

• A unit of Precise Teleradiology365 Pvt. Ltd.
• Established in 2006
• Private Limited Physician owned Company with head office at New Delhi
• A prominent Teleradiology company offering international services
• Operational presence across 8 countries, including the US and Canada
• Active association with many Public & Private Insurance Companies
• Staff with substantial experience in managed healthcare services
• Doctors, Para-medical and medical record administrators part of core staff
• Supported by a healthcare IT team
• Only Teleradiology company to have forayed into the field of Health Insurance
• Providing timely consultative and interpretative radiologic services
• Making radiologic consultations available in medical facilities without on-site radiologic support
• Facilitating radiologic interpretations in on-call situations
• Providing subspecialty radiologic support as needed
• Enhancing educational opportunities for practicing radiologists
• Promoting efficiency and quality improvement
• Supporting telemedicine
• Providing supervision of off-site imaging studies
How it works:

• Step 1: Upload to Innowave freedom Dicom Gateway from any DICOM enabled system to establish a compressed & secure communication with our server to upload studies.

• Step 2: Unique workflow engine will match studies to correct radiologist, use best in class diagnostic workstation to generate reports.

• Step 3: Best in class reporting process using Microsoft Word built with templates, Patient Information and Radiologist Digital Signature.
Teleradiology Services Process Flow

1. Assessment
2. Data Acquisition
3. Operation Control
4. Interpretation
5. Quality Assessment & Maintenance
6. Reports Sign Off
7. Support Services
1. Assessment
   a. Assessment of the modalities | volume | TAT | Time Zone | Hours of coverage of studies is made.
   b. Assessment of the client’s infrastructure, clinical & technical skills are made. Based on the findings a communication process is defined.

2. Data Acquisition
   a. Telerad India will provide inputs on new / alter existing scan protocol if desired by the individual client, if the reading radiologist deems it appropriate
   b. The imaging modalities connected to our system.
   c. Training to local manpower via Teamviewer on entering demographics, selection of Protocol, clinical history, channel of communication between Radiologist and Technologist are defined.

3. Operation Control
   a. Auto Alert invites our executives’ (TWC) attention to screen upon new study.
   b. The study is assigned to a Radiologist for most accurate interpretation based on Rules engine attributes like Modality, Sub-specialities, TAT and Time Zone.
   c. The radiologist is notified by an auto text message, call, worklist when a study is assigned.
4. Interpretation
   a. The radiologist downloads the study and views it on the workstation.
   b. Customize report according to the clients’ requirement, change in template, terminology, typographic font, formatting based on medicolegal bearing of the client.
   c. The report is dictated and the radiologist awards a score from 1-5 based on the degree of complexity of that particular study. This score is used for our quality assessment.

5. Quality Assessment and Maintenance
   a. Studies awarded score based on patient's age. Age <12 and >55 are automatically awarded a score of 3 to start with.
   b. All studies with score >3 are sent for quality assessment to a random second radiologist of equal or greater hierarchy. One of every ten studies with score less than 3 are reviewed randomly by radiologists of lower hierarchy.
   c. All studies with score of 5 are anonymised and discussed on our week-end case discussions for educational purpose.

6. Report Sign OFF
   a. The reading radiologist signs the report after reviewing any correction/editing that might have been done.
   b. The transcribed report is uploaded to the Freedom.RwS by the reading radiologist.

7. Support Services.
   a. Constant monitoring is done on the turnaround time and the number of studies interpreted by each radiologist, for unit time.
   b. Our IT support is on standby 24 x 7, for dealing with any problem and its troubleshooting.
TELERAD INDIA SERVICES

Reads for Tertiary care Hospitals Worldwide

Reads for Radiology / investigation Centers worldwide

Reads for Clinical Trials In Pharma Sector

Academics/ e-learning for radiologists and technicians

Health Insurance Companies/ Health Consultancy Firms

Expert Opinion to Retail Individuals world wide

Specialized medical opinions to TPAs & Managed Health Care Companies worldwide
Certificate of Registration

CDG Certification Limited has assessed the Quality Management System of

Precise Teleradiology365 Pvt. Ltd.
188, Gagan Vihar, Delhi-110051, INDIA

for following spheres of activities:

Online Teleradiology Service Enterprise that Provides Expert Interpretation for all Medical Imaging Modalities such as MRI, CT Scans, PET Scans, Mammograms, Ultrasound, Echocardiograms & X-Rays as well as Vector Data such as ECG and also Other Medical and Surgical Case Records.

corresponding to:

ISO 9001:2008

Certificate Number: CDG/QMS/10051

This certificate is valid from 11 April 2013 until 10 April 2016 and remains valid subject to satisfactory surveillance audits.

Date of Issue: 11 April 2013

1 st Surveillance Audit due before: 10 April 2014

2 nd Surveillance Audit due before: 10 April 2015

Managing Director
CDG Certification Limited

T: 011-4570200, F: 4570209

www.cdgcertification.com

This document is issued by the company subject to the general Terms & Conditions of Issue. The Certificate is valid only as stated above. Unauthorized reproduction is prohibited.
**Teleradiology Workflow Automation**

1. Images are compressed (JPEG 2000 Image) and securely transmitted to Data Centre using efficient IOR Protocol.

2. The Radiology is intimated upon a study arrival to his inbox. Image are pulled, pushed and streamed from datacenter to Radiologist Viewing Station. Preliminary Interpretation is performed. Report is entered into system using Reporting entry engine.

3. The QA Radiologist validates the preliminary findings and concludes the final diagnosis. (Optional)


5. The Call center representatives can receive a complaint from any user of our service. The problem is resolved using real time debugging techniques.
Technology

- State-of-the-art IT Systems
- Optimum lossless Compression
- Secured Communication
- Complete data Security; HIPAA compliance

Cloud Infrastructure

- 24 x 7 availability
- 99.8% uptime
- Hardware with redundant backup of all recourse

Process

- Teleradiology Quality Process with committed TAT

Manpower

- Industry-best Radiologists
- Workflow Coordinator
- Transcription Service

MIS Reports & Billing Information
Image upload process

PROCESS for UPLOAD of IMAGES to Cloud Server

- Receives images from the CT modality using the LAN card A. Our Router maintains a small storage locally.
- Internet Router connects the interface PC to the Internet. Any ADSL connection can be used.

- LAN Switch will integrate modality, DICOM printer and used to send images to Innowave gateway for Tele-Radiology
- When the user decides to upload a study, every image is compressed and uploaded to the Amazon Cloud server using the LAN card B.

- Modality Network (No Access to Internet)
- Internet Network connected to Router

- Once Images are uploaded they can be downloaded at Telerad India Radiology Command center
### Features Section

<table>
<thead>
<tr>
<th>FEATURES SECTION</th>
<th>FEATURES</th>
</tr>
</thead>
</table>
| **Usability**    | -Browser based access  
                  | -Works on Internet explorer, Firefox, Chrome  
                  | -Role based access to radiologist, radiographer, referring physicians |
| **Dashboards**   | Realtime Business intelligence dashboards for  
                  | -Study status  
                  | -Turnaround time  
                  | -Priority status – Emergency and normal studies  
                  | -Studies performed by radiologists  
                  | -No. Of studies per center  
                  | -Studies categorized into modalities |
| **Collaboration**| -Active collaboration between radiologist, radiographer and Transcriptionist.  
                  | -Commenting on individual patient studies  
                  | -Chat feature |
| **Worklist**     | -Graphical study status indication  
                  | -Full DICOM study information availability  
                  | -Sort studies by patient name, DOB, Accession No., Study date, study description, imaging centre name, Modality, uploaded date  
                  | -Search studies by by patient name, DOB, Accession No., Study date, study description, imaging centre name, Modality, uploaded date  
                  | -Download individual series in a study |
| **Compression**  | -Jpeg/JPEG 2000 compression  
                  | -User defined compression stages |
| **Radiology Reports** | -Integrated reporting engine with DICOM workstation  
                  | -Upload reports from Word processing packages directly on to the web work list  
                  | -Download reports in word or PDF formats |
Trouble shooting:

• In the event of any query – our teams in New Delhi will swing in to action and provide support to solve the problem.

• Most common occurrence is “Image not uploading”. The team will diagnose the problem and provide a solution.

• In the event of inability of the team to fix the problem in an hour, it will escalated to Tech Team.
Thank You!