Imagⁱⁿe®

Diagnostic Suite

LIS | RIS | PACS | 3D

COMPLETE SOLUTION FOR
DIAGNOSTIC CENTRES

LIS   RIS   PACS   3D

Registration → Scheduling → Billing

CT   US   MRI   Laboratory

RIS-PACS

Dictation → Transcription → Radiologist

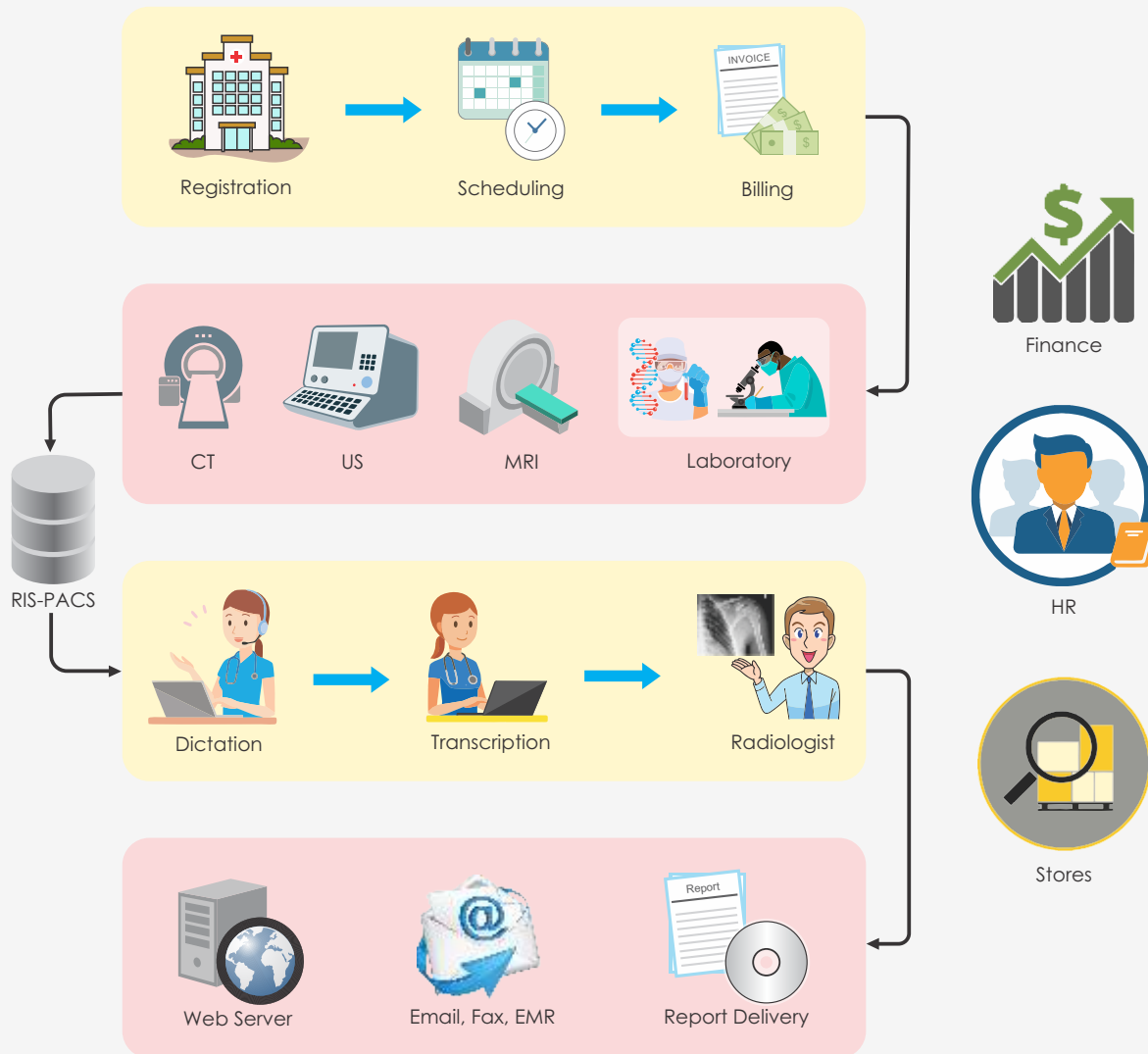Web Server   Email, Fax, EMR   Report Delivery

Finance

HR

Stores

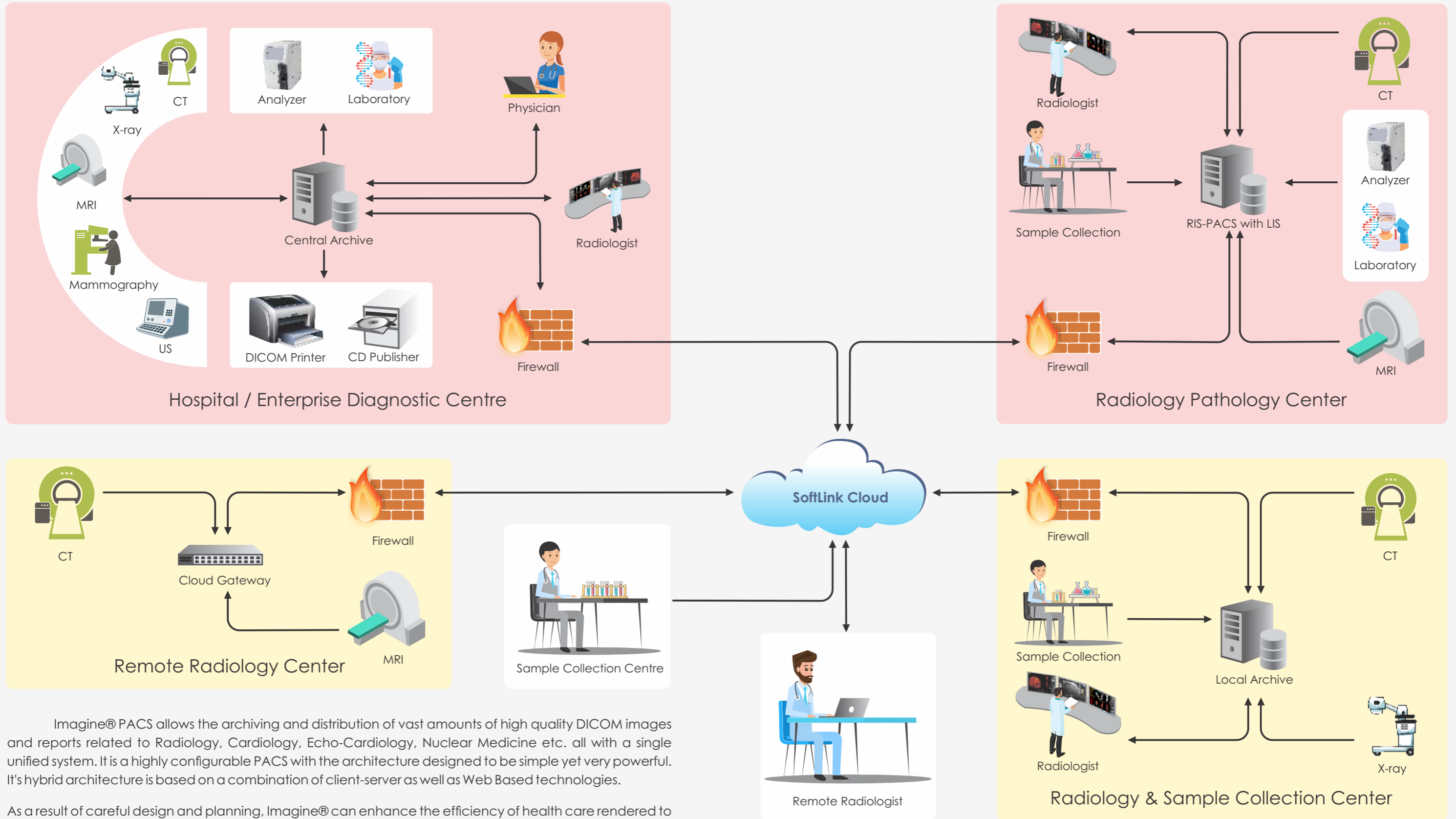# A Complete Solution for Diagnostic Centres

Imagine® Diagnostic Suite (IDS) is one of the most comprehensive RIS-PACS-LIS packages available in the market today. Imagine® Diagnostic Suite offers scheduling, registration, technologist, radiologist, transcription workflows, billing, custom reporting as well as back office modules like Inventory Management, HRMS and Finance. It offers an industry standard RIS-PACS Solution with many advance features and integrations with 3rd party IS/IT Solutions such as digital dictation and transcription.

Imagine® LIS can automate workflows, integrate pathology instruments with bidirectional interfaces producing faster and reliable results and can track data from sequencing runs over time and across experiments to improve efficiency. Imagine® LIS software is designed to meet the needs of varying types of shared resource facilities, benefitting the individual diagnostic centre as well as enabling an institution to fully leverage investment from their core operations.

It captures, analyses, and distributes all relevant data from customer and prospect interactions to everyone in the Centre, helping any Centre to meet customer's service needs. It concentrates on personalizing customer preferences and offers them satisfying experience during their visits.

IDS is ideal for small, medium & enterprise level Diagnostic Centres with Radiology & Pathology. IDS can turn the dream of a paperless and filmless Diagnostic centre into reality!

Distributed LIS-RIS-PACS Solution with Teleradiology

Hospital / Enterprise Diagnostic Centre
- CT
- X-ray
- MRI
- Mammography
- US
- Analyzer
- Laboratory
- Physician
- Central Archive
- DICOM Printer
- CD Publisher
- Radiologist
- Firewall

Radiology Pathology Center
- Radiologist
- Sample Collection
- RIS-PACS with LIS
- CT
- Analyzer
- Laboratory
- MRI
- Firewall

Remote Radiology Center
- CT
- Cloud Gateway
- Firewall
- MRI

SoftLink Cloud

- Sample Collection Centre
- Remote Radiologist

Radiology & Sample Collection Center
- Firewall
- CT
- Sample Collection
- Local Archive
- Radiologist
- X-ray

Imagine® PACS allows the archiving and distribution of vast amounts of high quality DICOM images and reports related to Radiology, Cardiology, Echo-Cardiology, Nuclear Medicine etc. all with a single unified system. It is a highly configurable PACS with the architecture designed to be simple yet very powerful. It's hybrid architecture is based on a combination of client-server as well as Web Based technologies.

As a result of careful design and planning, Imagine® can enhance the efficiency of health care rendered to patients and the productivity of all hospital departments. Imagine® acts as a primary PACS or departmental PACS for diagnostic centre. Imagine® helps multiple centres to consolidate isolated Patient Information and Studies to a Centralized Archive to achieve improved patient care, greater efficiency and lower costs. Specialized DICOM Viewers for Cardiology, Radiology, ECHO and ZFP helps in reviewing Patient Studies from on-site as well as off-site networked archives, with specialized tools specific to the image datasets. Clinicians benefit from simultaneous review of multiple exams, clinical information and results along with easy access to prior exams.

Imagine® RadViewer is meant for radiology image datasets from any modality or multiple modalities with diverse tools for image processing. It is a part and parcel of Imagine® Diagnostic Suite and supports an interactive display of up to 2 volume (transverse) datasets rendered as 3 triangulated orthogonal slices along with a dynamic MIP display. It can also be used to display Single Image modalities such as CR, DR, etc.

Generic Module
- Loads multiple series across various modalities for cross-study reading
- Automatically synchronises modalities in similar acquisition views for simultaneous scrolling
- Displays localizer lines to view sections on series of images in other projections
- Quick ROI mode to give users real-time statistics in image-triangulation mode
- Can be integrated with the Hanging Protocol Module

Hanging Protocol Module
- User can define a Hanging Protocol based on Study & Series descriptions
- Automatically loads only the series defined in the protocol
- Ability to define multiple protocols for a specific study description
- Ability to display studies on multiple monitors, both in portrait & landscape mode
- Automatically identifies time-stamps of studies for pre-post comparisons

MIP-MPR Module
- Multi-planar Reconstruction (MPR) and triangulation of axial (transverse) datasets
- Maximum Intensity Projection (MIP) generated from the volume
- Oblique MPR to reconstruct views in angles other than the standard T, C & S views.

Fusion Module
- Automatic co-registration of axial datasets for fusion
- Supports cross-modality co-registration
- Tools for finer adjustments of overlay for accurate registration
- Co-registered dataset can be saved as new series for direct fusion in future
- Fusion overlay and blending
- Overlay on either dataset
- Support of multiple Color LUTs
- Measurements can be copied to both datasets
- Fusion MIP

About SoftLink

SoftLink International is a technology acclaimed company based in India, USA and UAE. Founded in 1997, SoftLink enjoys technology partnership with leading companies in healthcare and IT. SoftLink has been innovating products with extensive R&D in Healthcare IT and has garnered customer base of over 350 healthcare institutions in 15 countries! SoftLink focuses on three key areas of healthcare automation, namely cardiology, radiology and hospital management by providing software products and turnkey solutions.

Healthcare Automation | Image Management | Electronic Medical Records

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