INFINITT PACS
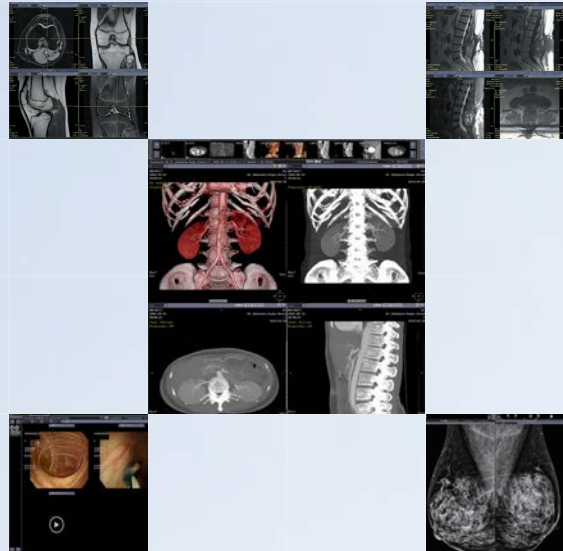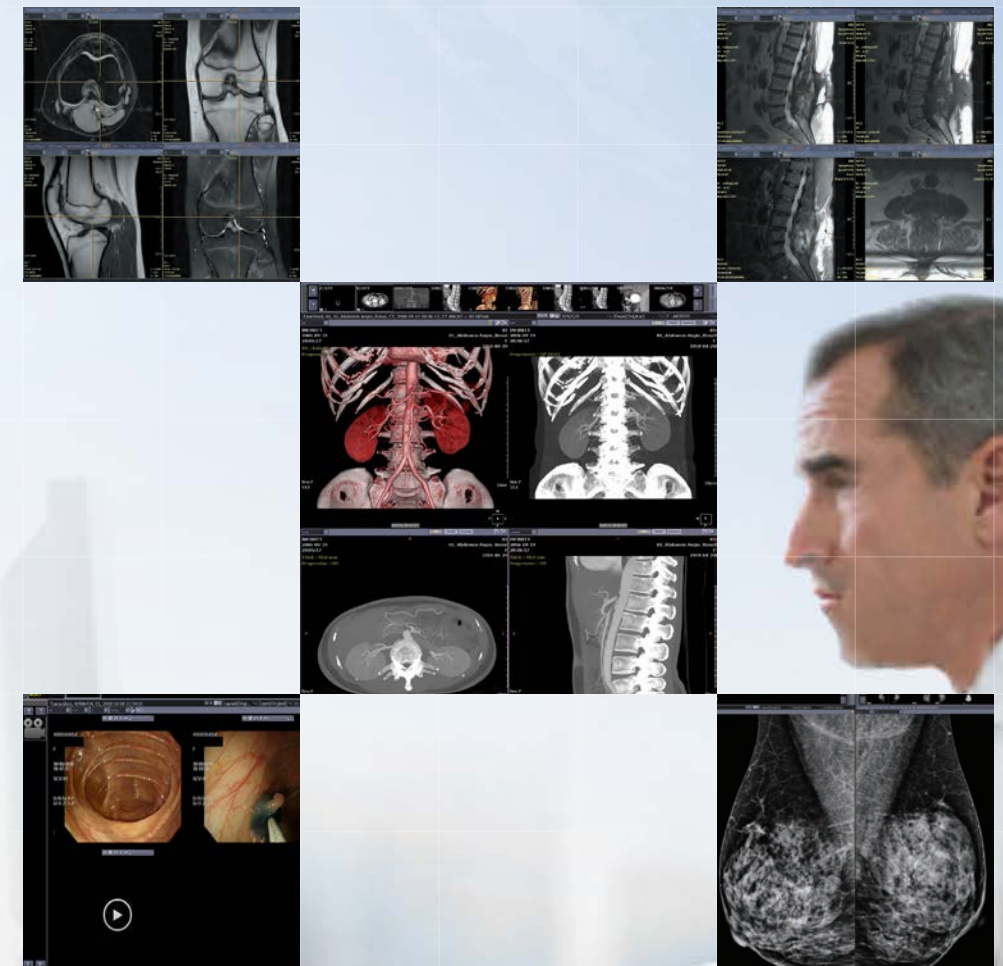Smart Enterprise Image Management Solution

INFINITT PACS
Smart Enterprise Image Management Solution

INFINITT

INFINITT

INFINITT PACS

INFINITT PACS is a completely web-based image management solution with RIS/PACS, Cardiology PACS, Mammo PACS and 3D post-processing capabilities all operating on a single database platform.
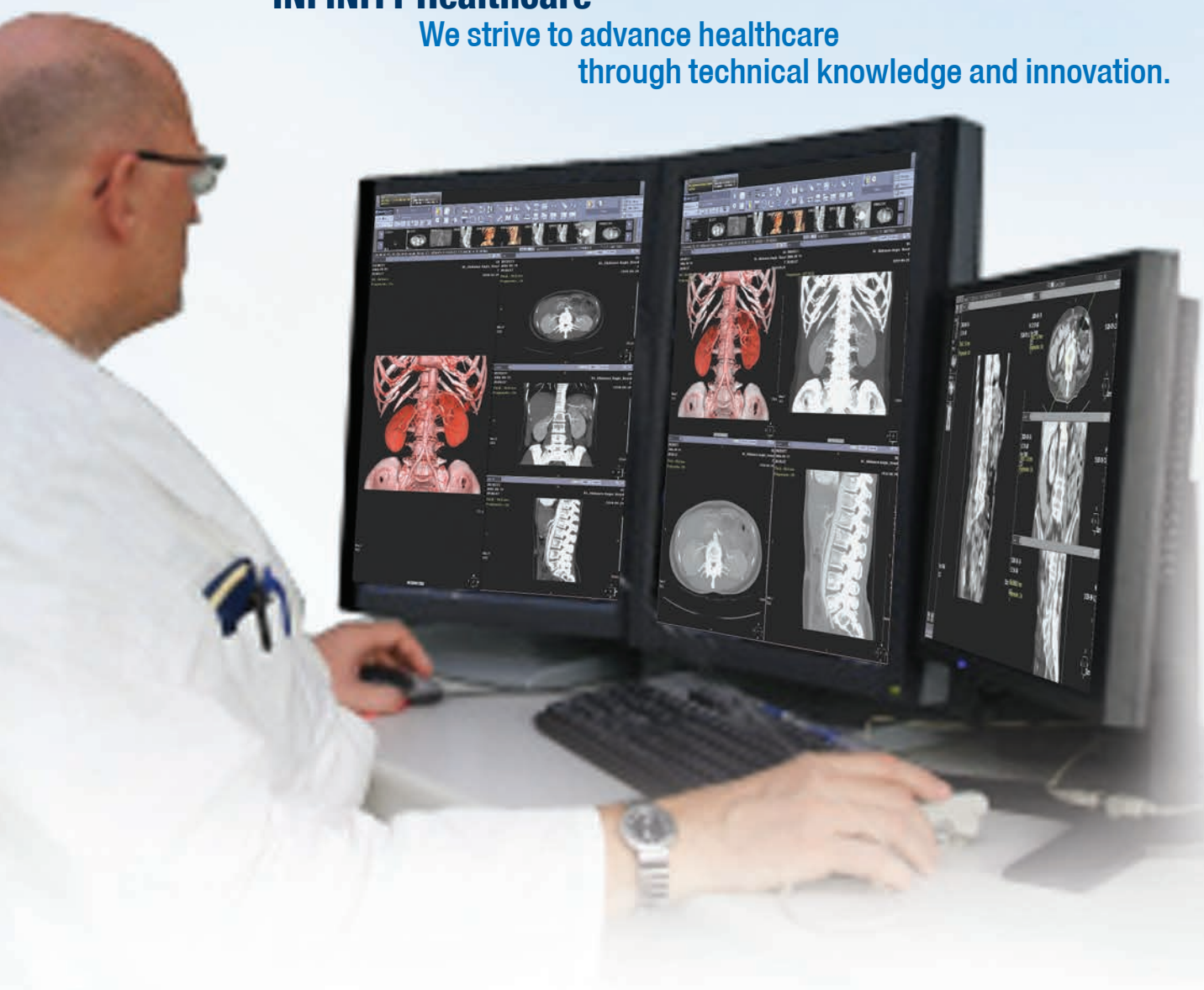
This architecture enables uniformity of the user interface across the healthcare enterprise, single logon capability, improved workflow and simplified integration with other applications and information systems. INFINITT PACS provides greater value for the end user and reduces IT support requirements.

INFINITT PACS offers visualization and analysis tools optimized for various clinical departments, while also supporting an integrated viewing environment. INFINITT offers world class service through our SaaS (Software as a Service) model, Smart Service, including continuous solution upgrades and near zero-downtime performance.

More than 2,000 hospitals trust in the INFINITT PACS for its superior performance and reliability.

INFINITT Healthcare

We strive to advance healthcare through technical knowledge and innovation.

INFINITT Technology

Driving the Advancement of Healthcare

Simplicity
- PACS, RIS and 3D on a single database platform

Speed
- JPEG2000 streaming technology
- Just In Time(JIT) image loading
- 64 Bit support

Security
- 128-bit SSL encryption
- HIPAA compliant
- DICOM TLS
- 6-Level Log Reinforcement and Audit Trails

Standards Compliance
- IHE
- DICOM
- HIPAA

4S

INFINITT PACS

➲ Features

One site (Hospital, Clinic)
Workstation B
Workstation C
Server
Cross Enterprise(Multi-Hospital)
Client
Client
Distributed Server

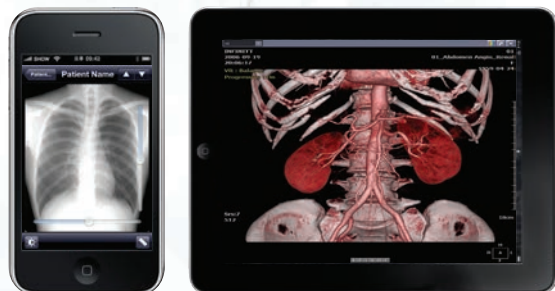### Scalable & Expandable Architecture

- Completely scalable & expandable, from single-modality imaging centers to large academic medical centers, multi-site organizations, and regional health information exchanges (HIEs)

Data Acquisition

- Acquires images and information from any DICOM source
- Automatic load balancing and spooling overcomes network-related issues

Image Archiving & Backup

- Dual online archive provides image security and failover protection
- Selectable image compression for faster distribution and maximum storage capacity
- Unconditional data backup and offsite storage for Disaster Recovery
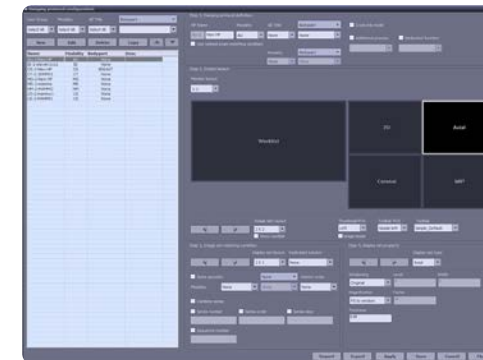- CD-R, DVD-R and/or Tape with automatic labeling for off-line data backup and distribution

Mobile

- INFINITT Mobile Viewer supports iPhone, iPad and Android OS Embedded Smart Phone/Pad

Image Distribution & Viewing

- Anytime and anywhere access to all exam data and viewer functionality
- Tailor-made application profiles for technologists, radiologists and referrals
- Pre-existing HIS/RIS information available through HL7 interface
- User-configurable settings, worklist wizards and very advanced hanging protocols provide individuals with an optimized viewer interface
- INFINITT's roaming profiles allow each individual's settings to follow them regardless of where they log in
- Efficient and instant communication tools for technologists, radiologists, ED doctors and referring physicians
- DICOM compatible Grey Scale Presentation State (GSPS)
- Automatic spine labeling on all images
- Automatic drawing of Scout Lines on selected images. Any user can select an image as the scout image quickly and intuitively
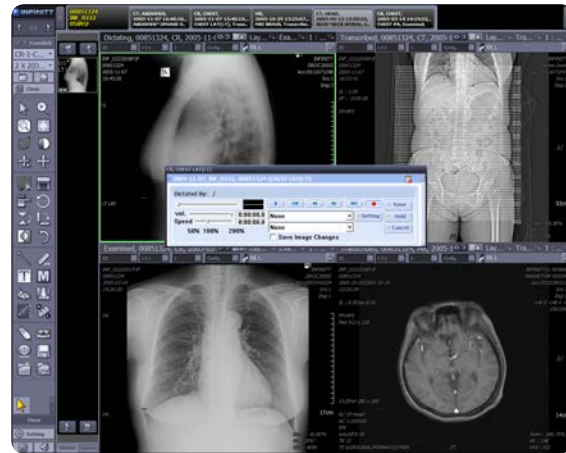
Advanced Hanging Protocols

- Advanced Hanging Protocols allow for the automatic display of MPR/MIP/VR/BAS(Brain Angio Subtraction)/Virtual Endoscopy, scout lines and hanging of prior studies
- Various viewing modes, side-by-side study comparison, stack viewing, scrolling, animation, and cross-study linking
- Easily creates a new AHP from the current environment with a single click on the "SAVE AS AHP" button

Various Viewing Modes

- Mammo mode supports customized layout, sequence display, Mammo CAD results display and INFINITT Mammo Keypad
- Supports standard MPEG2DICOM Video View mode
- Dental Mode supports FMX Mode on IO Images
- Various comparison modes and measurements with INFINITT EKG Management System through EKG Gateway
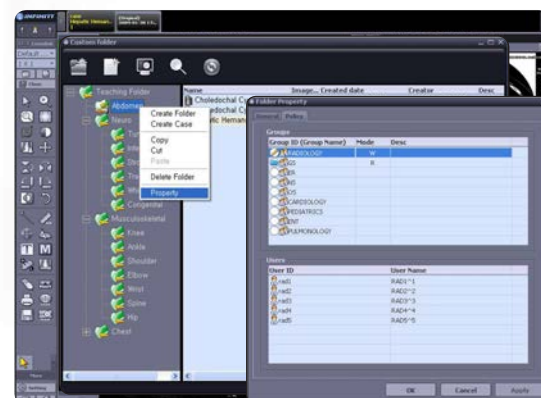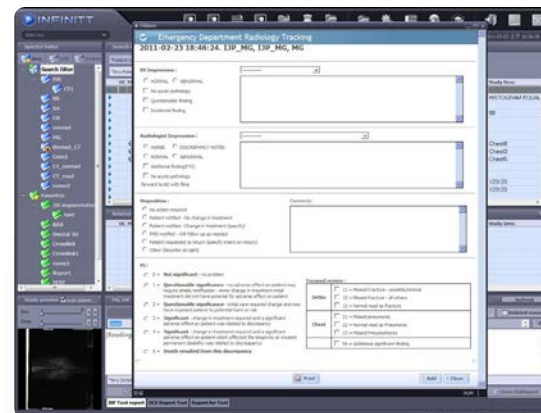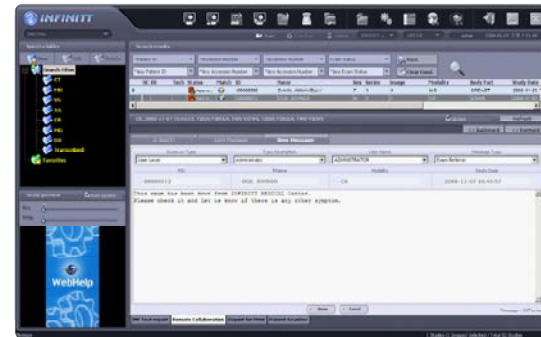
Features

Digital Dictation and Transcription

- Embedded digital dictation stores MP3 or wavelet exam interpretations on the central server

- Transcription can be completed from anywhere by accessing the central server via the web

- Speech microphone simplifies dictation interaction

- Includes Basic Speech Recognition capabilities in the INFINITT Reporting Module, and integrates seamlessly with third party voice recognition systems

Security and Privacy

System is securely managed by:

- TLS DICOM digital signature

- User Accounts, Permissions and Modality authorization

- 6-level Log Reinforcement & Audit Trail provides precise and accurate information

- Detailed logging of invalid DICOM IOD

- Secure and encrypted web protocol: 128-bit SSL encryption allows reliable protection of patient information

- IHE security profile-compliant user authentication creates individual event logs

- Configurable role-based access control allows administrators to define specific privileges and access levels for each user and group

- Allows for a unique login and password for internal and external access

- Administrator-configurable auto logoff provides another level of security

- HIPAA-compliant auditing, reporting, and statistics display the demographics of all user-based or patient-based record activity

Major Global Customers

Extensive Experience
Proven Technology

◁◁ **01**
Magdeburg University Hospital
(Germany, 1,300 Beds)
- The largest data migration ever in Germany
  : More than 2,000,000 studies, Over 70,000,000 images

Seoul National University Hospital
(Korea, 1,840 Beds and 12,000 outpatients/day)
- The largest volume of imaging data
  : More than 10,500,000 studies, Over 573,000,000 images
  : 6,000 exams (350 GB)/day
02 ▷▷▷

◁◁ **03**
Tokyo Women's Medical University Medical Center East
(Japan, 495 Beds)
- The first INFINITT PACS customer in Japan
- Installed INFINITT PACS and Cardiology PACS

◁◁ **04**
St. Joseph's Regional Medical Center
(USA, Approximately 1,000 Beds, system-wide)
- Accelerated data migration
  : More than 30 TB of data migrated in 6 months

South West Hospital
(China, 2,200 Beds and 1,850,000 outpatients/year)
- One of the "Top 100 Hospitals with Best Service"
- Selected as a National Model Digital Hospital
06 ▷▷▷

◁◁ **05**
Singapore Parkway Group Hospital
(Singapore, 1,000 Beds and 3 hospitals, 4 clinics)
- The first and the biggest hospital within Centralized PACS (DS)
  : 1,000+ exams /day, 1,500+ users, 120+ modality connected
  : All images from different hospital/clinic can be viewed to all users

Salud Coop EPS Project
(Colombia)
- The first project within Centralized PACS in Colombia
- 18 hospitals connected with INFINITT PACS
◁◁ **07**

National Cheng Kung University Hospital
(Taiwan, 1,212 Beds)
- The first hospital to use INFINITT Smart Service
- Installed INFINITT PACS, CIS, and Cardiology PACS
08 ▷▷▷

◁◁ **09**
Seoul National University Bundang Hospital
(Korea, 909 Beds and 4,000 outpatients/day)
- The largest data migration ever
  : More than 6,000,000 studies, Over 200,000,000 images

Newcastle Upon Tyne Hospital
(United Kingdom, 2,641 Beds)
- One of the largest NHS trusts in UK
- The largest hospital with INFINITT PACS in UK
10 ▷▷▷