



INFINITT PACS

Smart Enterprise Image Management Solution

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 sign-on 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

Smart Enterprise Image Management Solution

INFINITT HEALTHCARE

We strive to advance healthcare through technical knowledge and innovation.



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.

(3,500) More than 3,500 hospitals trust in INFINITT PACS for its superior performance and reliability.

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

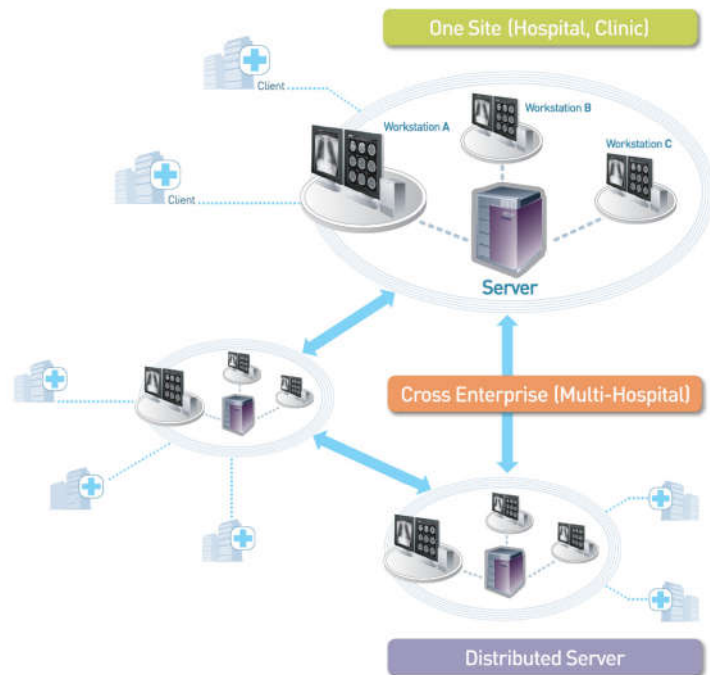
Standards Compliance

- IHE
- DICOM
- HIPAA
- HL7



Features

SYSTEM CONFIGURATION



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)
- Enables users to view images in other hospitals (sites with INFINITT PACS) through a consolidated worklist

Data Acquisition

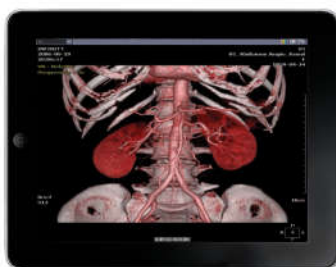
- Acquires images and information from any DICOM source
- Overcomes network-related issues via automatic load balancing and spooling

Image Archiving & Backup

- Dual online archive provides image security and failover protection
- Selectable image compression for faster distribution and maximum storage capacity
- Complete 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
- Efficient storage management by supporting 3D temporary image volume

Mobile & Zero Footprint Viewer

- INFINITT's Mobile Viewer supports iPhone, iPad, and Android OS embedded smart phones/tablets
- The Zero Footprint Viewer, ULite, enables instant access to images on all web browsers



Supported Browsers

-  Internet Explorer
-  Safari
-  Chrome
-  Firefox

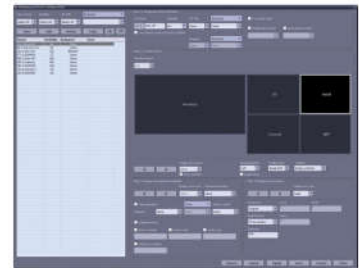
Image Distribution & Viewing

- Anytime and anywhere access to all exam data and viewer functionality
- Customized application profiles for technologists, radiologists and referrals
- Pre-existing HIS/RIS information available through HL7 interface
- User-configurable settings, worklist wizards and highly advanced hanging protocols provide individuals with an optimized viewer interface
- INFINITT's roaming profiles allow each individual's setting to be applied wherever they log in
- Efficient and instant communication tools for technologists, radiologists, ED doctors, and referring physicians
- DICOM-compatible Grayscale Softcopy Presentation State (GSPS)
- Automatic spine labeling on all images
- Automatic drawing of Scout Lines on selected images (Any user can quickly and intuitively select an image as the scout image)
- Demo Folder and 2D Job Save, functions which save and direct to present work status, come in handy for conferences



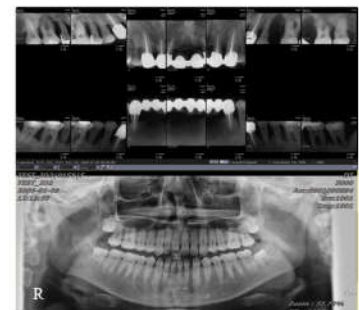
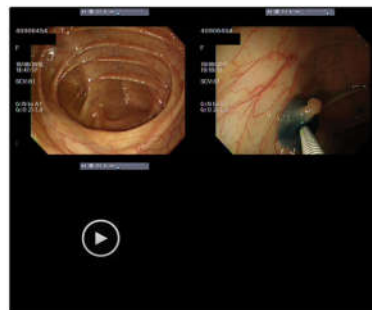
Advanced Hanging Protocols

- 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 of 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

EXTENSIVE EXPERIENCE
PROVEN TECHNOLOGY

Digital Dictation and Transcription

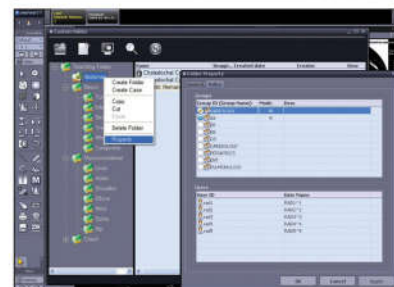
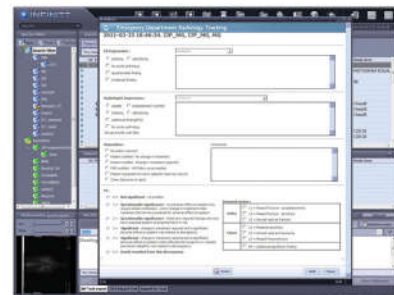
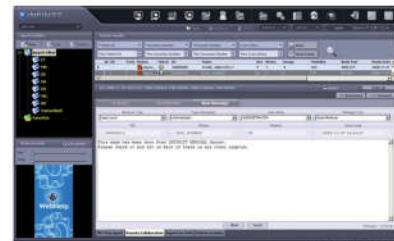
- Embedded digital dictation stores MP3 or wavelet exam interpretations on the central server
- Transcription can be completed from anywhere by accessing the central server via the web
- Speech microphone simplifies dictation interaction
- Includes Basic Speech Recognition capabilities in the INFINITT 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, which provides precise and accurate information
- Detailed logging of invalid DICOM IOD
- Secure and encrypted web protocol: 128-bit SSL encryption allowing reliable protection of patient information
- IHE security profile-compliant user authentication, which creates individual event logs
- Configurable role-based access control, allowing administrators to define specific privileges and access levels for each user and group
- A unique login and password for internal and external access
- Administrator-configurable auto logoff, which provides another level of security
- HIPAA-compliant auditing, reporting, and statistics, which display the demographics of all user-based or patient-based record activity



Major Global Customers



◀ **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



◀ **Tokyo Women's Medical University Medical Center East**
(Japan, 495 beds)

- The first INFINITT PACS customer in Japan
- Installed INFINITT PACS and Cardiology PACS



◀ **Newcastle Upon Tyne Hospital**
(U.K., 2,641 beds)

- One of the largest NHS trusts in the U.K.
- The largest hospital with INFINITT PACS in the U.K.



◀ **Prime Health Service**
(U.S., total 2,504 beds)

- Prime Healthcare Hospitals in California were recognized among the 100 Top Hospitals in the nation in 2014
- Installed INFINITT Radiology PACS & INFINITT Cardiology Suite in 13 Hospitals in the U.S.



▶ **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



◀ **Singapore Parkway Group Hospital**
(Singapore, 1,000 beds in 3 hospitals and 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 hospitals/clinics can be viewed by all users



◀ **Al Noor Hospitals Group**
(U.A.E.)

- Leading healthcare provider in the Abu Dhabi private sector
- 5 hospitals connected with INFINITT PACS

▶ **National Cheng Kung University Hospital**

(Taiwan, 1,212 beds)

- The first hospital to use INFINITT Smart Service
- Installed INFINITT PACS, CIS, and Cardiology PACS



◀ **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



▶ **Milad Hospital**
(Iran, 1,000 beds and 17,000 outpatients/day)

- The first government hospital to use INFINITT PACS in Iran
- The largest hospital with INFINITT PACS in Iran



Outstanding Recognition

INFINITT PACS won **KLAS Category Leader** Award in the **Community Hospital Market** for four consecutive years **(2009-2012)**.

In **2013** INFINITT PACS received **KLAS Category Leader** Award in the **Ambulatory Market**.

