Digital Core Co.,Ltd.

Medical Imaging Suite

http://www.onis-app.com

ONIS³

Digital Core Co.,Ltd.

DigitalCore Corporation

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MEDICAL IMAGERY AND COMMUNICATION EXCELLENCE

So much more than just a PACS/Viewer.

The needs in medical imaging having greatly evolved in recent years, we have completely reshape our solution accordingly. We are proud to announce you ONIS³, a complete eco-system for the new needs in medical imaging.

Simple PACS, multi PACS, sharing your existing PACS, Personal Cloud, Site Cloud, Tele-radiology, Reporting, unite several sites, just choose your way of using ONIS³.

ONIS Site Server is a multi-PACS system that also gives you the ability to share your existing DICOM devices through a single entry point in a secure manner.

Managed Service

Create your organization and register your different sites belonging to it. The sites can be fully hosted into our cloud or on-premises using data bridging.
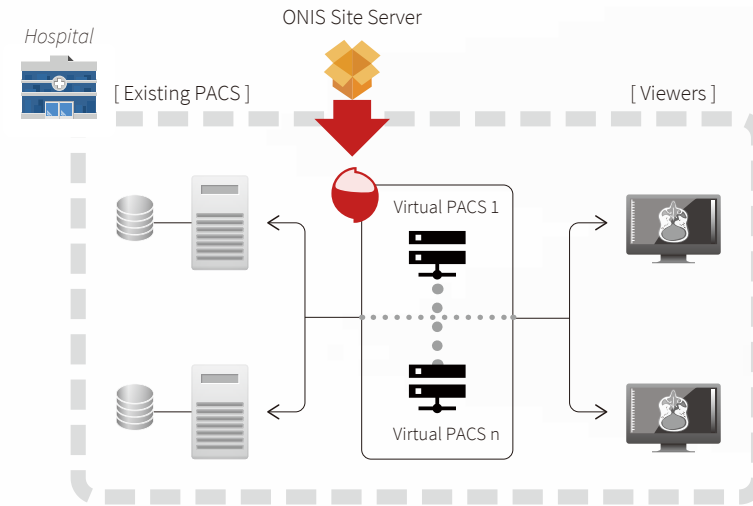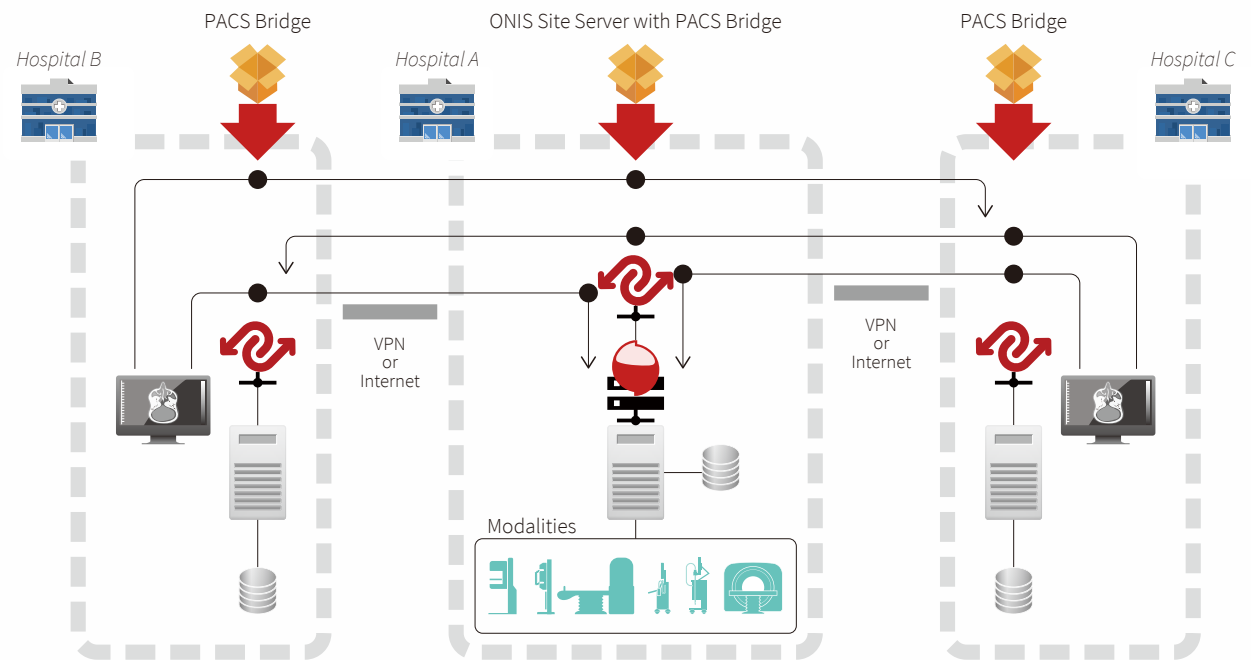
ONIS Site Server

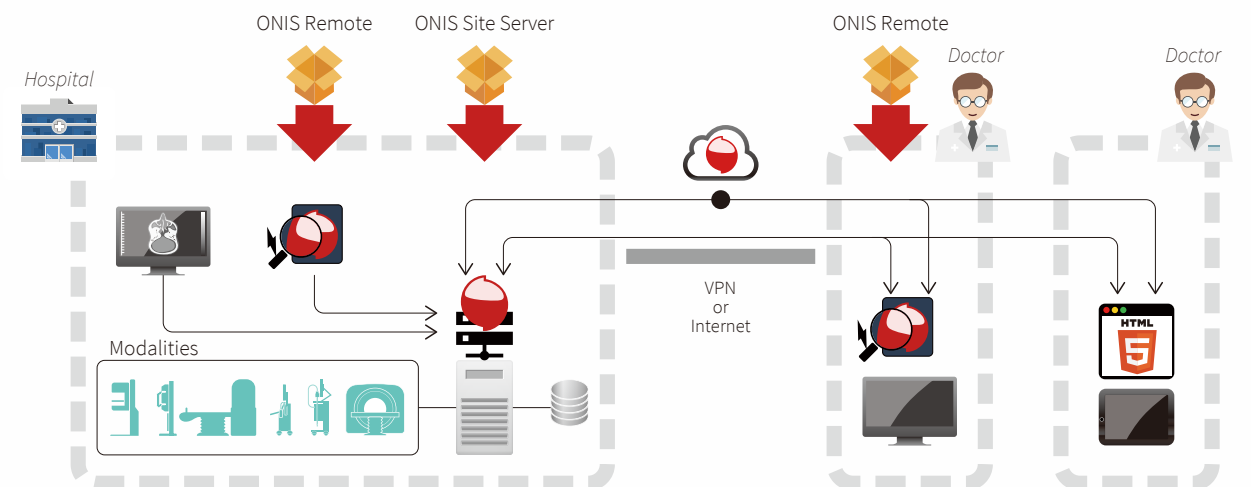### Other PACS

ONIS Remote

ONIS Viewer

CASE STUDY 1 - Adding a new PACS on existing PACS

Hospital
ONIS Site Server
[Existing PACS]   [Viewers]

Virtual PACS 1
Virtual PACS n

CASE STUDY 2 - Connecting remote facilities.

PACS Bridge   ONIS Site Server with PACS Bridge   PACS Bridge
Hospital B   Hospital A   Hospital C

VPN or Internet   VPN or Internet

Modalities

CASE STUDY 3 - Collaboration with remote resources.

ONIS Remote   ONIS Site Server   ONIS Remote
Hospital   Doctor   Doctor

VPN or Internet
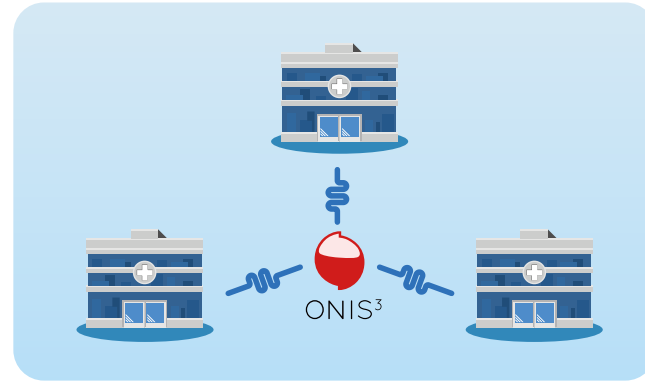
Modalities

HTML

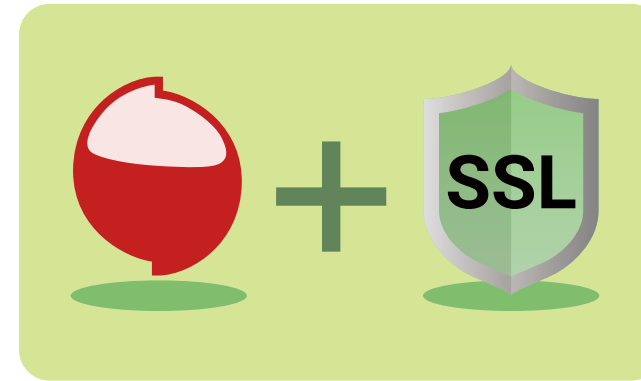**Digital Core** Co.,Ltd.
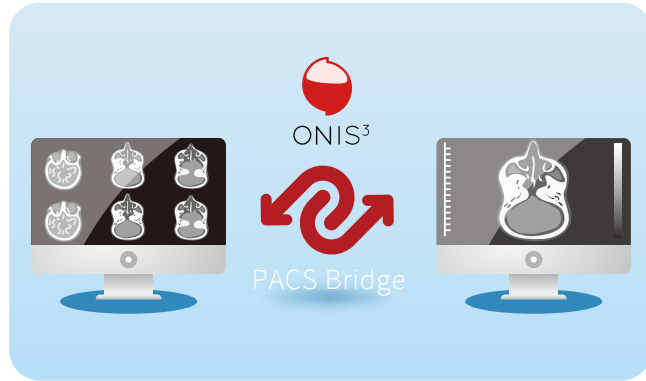
High Connectivity

Connect existing PACS together

Share your existing PACS through a single entry point in a secure manner.

High Connectivity

Connect several locations together

Connect your existing PACS located in different sites together in a secure manner. Transfer easily your studies from one location to another.

Secure

## SSL connections with certificate

Use SSL connection with certificate to secure the data transfer. If preferred, virtual private network (VPN) is also an option.

Secure

## User Authentication

All registered users have to log in using a password before they can access to the partitions and/or connected PACS. Users can be grouped to provided similar permissions or roles.

High Connectivity
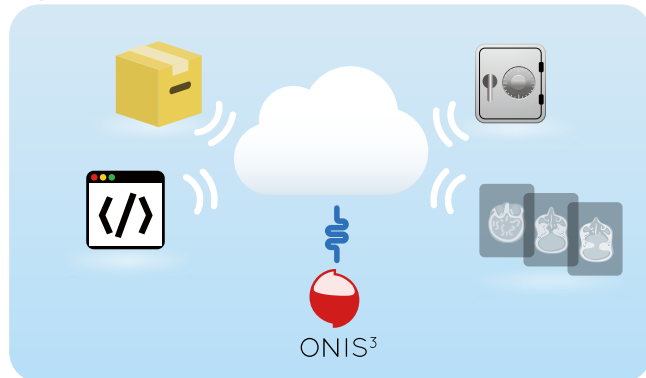
Connect to your personal or site Cloud

Keep your data online using our Cloud service. Create a personal account or host your entire site in the Cloud. Our Cloud can also be used only to simplifies the connection to your sites (no hosted data).
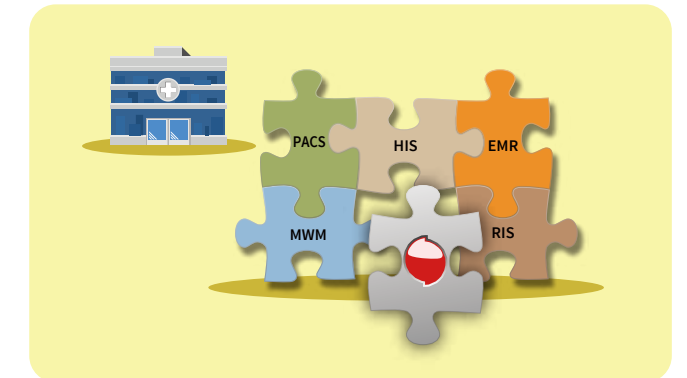
Fast

Progressive Streaming   **Normal Loading**
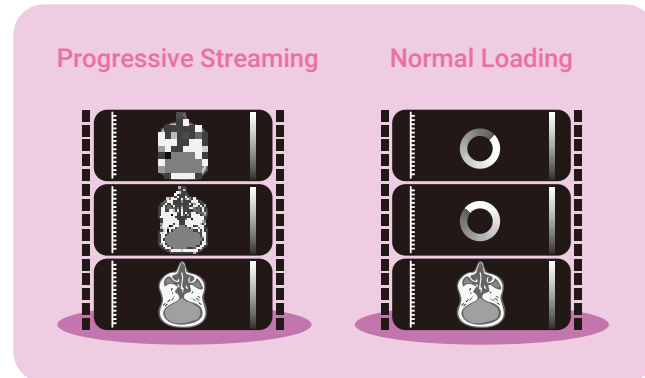
JPEG2000 Progressive Streaming

Get an almost instant access to your DICOM images, thanks to our streaming technology. When connecting with ONIS Viewer or ONIS Remote, our Site Server can stream the images with multiple resolutions at no extra bandwidth cost.

Secure
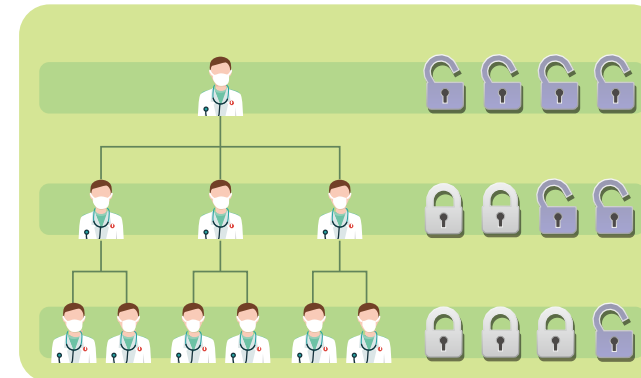
## Permission Level Control

Assign role to each user or group to customize their permission level. Give permission to administrate the server, import or delete studies, create or verify reports, save annotations⋯

Easy to start

PACS   HIS   EMR
MWM   RIS

Start using existing facilities

Seamless integration with your existing facilities, such as HIS, Electronic medical records, MWM and existing PACS.

Fast

After...
Before...
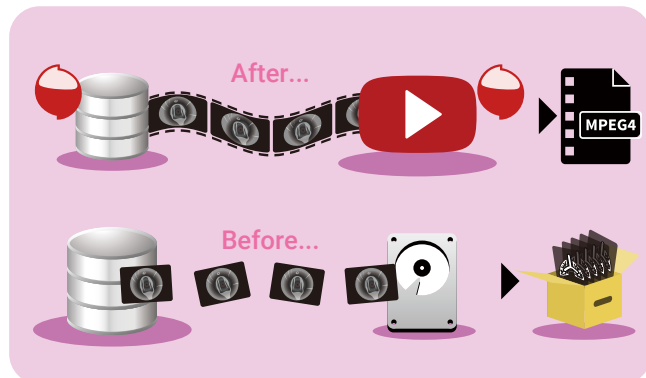
MPEG4 Video Streaming

ONIS Site Server can stream MPEG DICOM images to ONIS Viewer and ONIS Remote, giving you the ability to start watching without waiting for complete downloads.

Fast
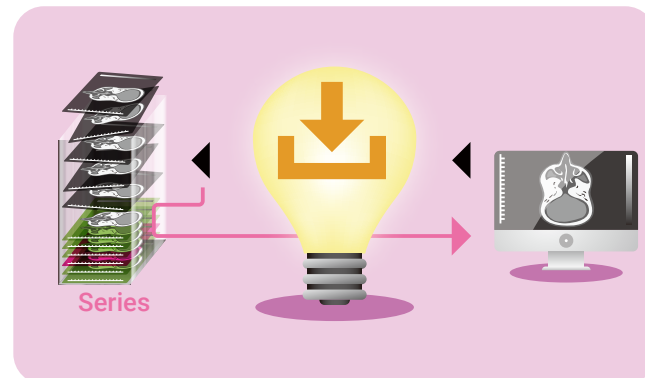
Series

Smart Download

Get a quick viewing of any image in a series containing a huge number of images, even during the download. Our smart download technology allows the server to know what images you are looking at right now and will send them in priority.

Easy to start
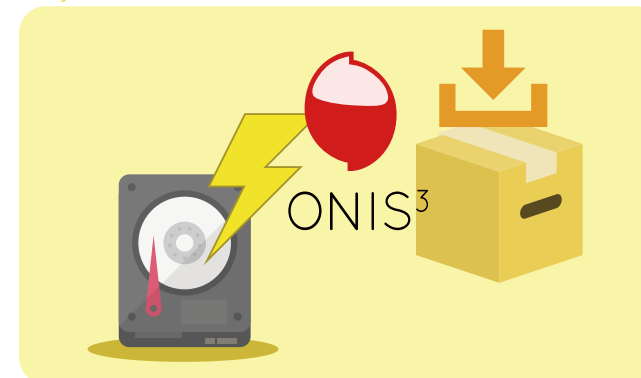
Quick installer and easy setup

Each of our products come with an easy installer and a complete user guide.

Easy to start
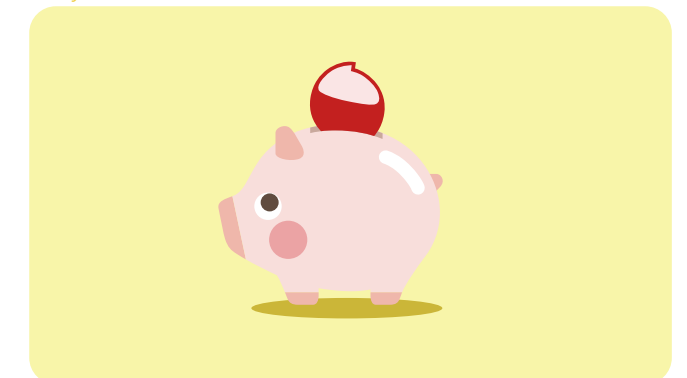
## Low Cost

Please compare with products of other companies with equivalent features, we are confident that we have the best prices.

Products guide

ONIS³ Viewer

ONIS³

✔ Streaming
✔ Smart download
✔ Embedded video player
✔ Edition module
✔ Hanging protocols
✔ Multi-sources
✔ Dynamic annotations
✔ Reporting
✔ Local database
✔ DICOM3 Q/R and Storage

ONIS³ Remote

ONIS³

✔ Streaming
✔ Smart download
✔ Embedded video player
✔ Edition module
✔ Hanging protocols
✔ Multi-sources
✔ Dynamic annotations
✔ Reporting
  Local database
  DICOM3 Q/R and Storage

ONIS³ Site Server

ONIS³

✔ Multiple partitions
✔ Multiple AE Titles
✔ Multiple storages
✔ Edition module
✔ Streaming technology
✔ Smart download
✔ User account control
✔ Roles
✔ Partition and DICOM Server access
✔ SSL connection
✔ Auto-routing
✔ Compression
✔ Preference sets
✔ Report form templates
✔ MWM server bridge ※1

※1 Under development function. Not included in current packages. Ask us for more details.

Screenshots
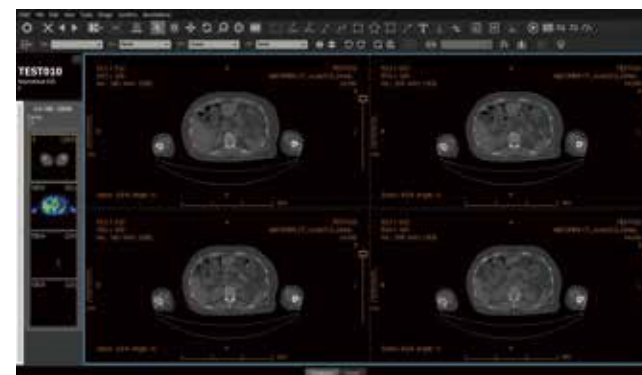
Main features of ONIS Viewer and ONIS Remote

[SOURCES]
▸ Local database
▸ CD/DVD
▸ Folder
▸ DICOM server
▸ Site server

[IMPORT]
▸ DICOM image
▸ JPEG to DICOM
▸ BMP to DICOM
▸ PNG to DICOM

[EXPORT]
▸ DICOM
▸ JPEG
▸ BMP
▸ PNG
▸ DICOM DIR
▸ Template naming
▸ ONIS Preview

[VIEW TYPES]
▸ 2D
▸ Mammo

[REPORTS]
▸ Create
▸ Modify
▸ Verify
▸ Delete
▸ User templates

[EXTERNAL CONTROL]
▸ XML commands

[IMAGE VIEW]
▸ Show/Hide
▸ Sorting
▸ Cine mode
▸ MPEG Player
▸ Multi-frame player
▸ Key image
▸ Calibration

[RENDERING]
▸ Window level
▸ Opacity table
▸ Color lut
▸ Convolution filter
▸ Rendering filter
▸ Scout lines

[OVERLAYS]
▸ DICOM annotations
▸ Rulers
▸ Graphic annotations

[EDITION]
▸ Patient modification
▸ Study modification
▸ Series modification
▸ Image modification
▸ Split series
▸ Re-attach study
▸ Re-attach series
▸ Study reconciliation
▸ Delete studies
▸ Delete series
▸ Delete images

[IMAGE TOOLS]
▸ Pan
▸ Zoom
▸ Rotate
▸ Scope
▸ Flip
▸ Quick rotation
▸ Original resolution
▸ Fit mode
▸ Reset
▸ Multi-frames

[SYNCHRONIZATION]
▸ By slice id
▸ By slice position
▸ Using offset
▸ Limit to same study

[MONITORS]
▸ Multiple monitor support
▸ Virtual monitors

[HANGING PROTOCOLS]
▸ Multiple layers
▸ Quick layer and Protocol switching

[PRINT]
▸ Regular printer
▸ DICOM printer

[EXTENSION]
▸ Plugin manager

[ANNOTATIONS]
▸ Measure
▸ Angle
▸ Line
▸ Polyline
▸ Arrow
▸ Text
▸ Cardio-thoracic
▸ Rectangle
▸ Ellipse
▸ Polygon

[REGIONS OF INTEREST]
▸ Min/Max
▸ Mean
▸ Surface area
▸ Total
▸ Standard deviation
▸ Pixel threshold adjustment
▸ Surface accumulation

[ANNOTATION ACTIONS]
▸ Measure segments
▸ Angle between segments
▸ Ratio measurements
▸ Parallel
▸ Single orthogonal
▸ Double orthogonal
▸ Segment calibration

[ANNOTATION COPY]
▸ Copy/Paste
▸ Propagation

Main features of ONIS Site Server

[Medias]
▸ Add a location
▸ Remove a location
▸ Modify a location

[Accounts]
▸ User account management
▸ Specify a partition access
▸ Specify a DICOM server access
▸ User group management
▸ Role, partition, DICOM server
  and preference sets assignment

[Roles]
▸ Role management
▸ Define the permissions of a role

[Partitions]
▸ Partition management
▸ Auto-routing
▸ Activate auto-routing
▸ Managing locations
▸ Add a rule
▸ Modify a rule
▸ Delete a rule

▸ Failure management
▸ Statistics
▸ Compression
▸ Sub-partitions

[Clients]
▸ Create an AE Title
▸ Rename an AE Title
▸ Delete an AE Title
▸ Register a client
▸ Modify a client
▸ Delete a client

[Logs]
▸ Logs

[Reports]
▸ Add a template
▸ Modify a template
▸ Delete a template
▸ Template specifications

[Client Login]
▸ Client Login

System requirements

CPU   : x64 MultiCore (recommended)

Memory   : 4GB or more

HDD   : 512MB or more free space

Internet access required for communication

OS   : Windows7 /8 /8.1/ 10, Windows
               server 2008 / 2012 / 2012R2 / 2014

High IOPS RAID system recommended for ONIS Site Server