



iPACS

The World's 1st Personal PACS

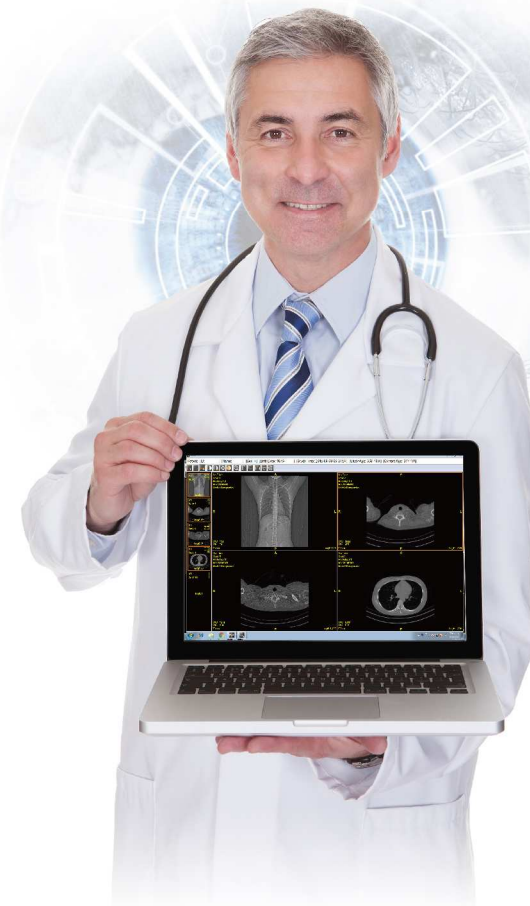
Features

- ✓ Patient-based Click-n-View interface
- ✓ Image operation: translate, rotate, zoom
- ✓ Measurement tool: distance, angle, area
- ✓ 3D color-shading volume display
- ✓ Cine image animation
- ✓ Image comparison tool
- ✓ Import and export Image
- ✓ Anonymous exporting to protect patient privacy
- ✓ DICOM structured report for HL7 integration
- ✓ Key images embedded in structured report
- ✓ Customized Apps to meet clinical needs
- ✓ Customizable storage capacity (1TB-100TB)
- ✓ High performance image processing hardware

* Application for medical regulation is underway.

* Description in the catalogue is subject to change without notice.

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Lightweight NAS-based DICOM Storage

Maintenance of traditional PACS is usually performed by well-trained IT technicians because of its complex architecture and large size. Therefore, physicians have limited access to advanced functions of PACS, that causes some inconvenience in diagnosis and planning.

Alternatively, iPACS offers a lightweight NAS-based storage solution to save all DICOM files, through which physicians can access any functions built in iPACS anytime and anywhere. With its lightweight design, iPACS is easy to use and maintain.



iPACS The world's first personal PACS offers customized Apps to meet individual needs of physicians. With lightweight NAS-based storage design, it enables physicians to maintain PACS with little efforts. The structured report is also supportive to promote peer communication among physicians.



Customized Apps to Meet Individual Needs

iPACS is customizable. Expanding Apps are possible to make functionality more diverse to meet individual needs. iPACS offers an integration platform to install customized Apps. In this way, physicians can utilize their favorable Apps for research and clinical applications.



DICOM Structured Report for Communication

Both referring physicians and radiologists demand easy access to report for follow-ups. iPACS's built-in report offers an easy GUI for radiologists to write report while viewing images. On the other hand, referring physicians can read report after it has been finalized.

Experience sharing among physicians is important to promote the quality of healthcare. iPACS supports DICOM structured report to encourage peer communication among physicians. It also meets HL7 CDA requirement to make full integration of electronic medical data into HIS/RIS possible.

Easy Management for DICOM Data

A user-friendly GUI design of DICOM browser provides a quick search and query for physicians. Furthermore, status information of DICOM data will be displayed on the DICOM browser. In this way, physicians are able to quickly learn whether a DICOM file has been read, and whether a structured report has been verified or not.

Reliable Diagnostic Tool

iPACS's built-in viewer allows physicians not only to view medical images, but also to use various tools to reconstruct images, display 2D and 3D images, measure on images. With the reliable tools provided, quality of diagnostic results can be greatly assured.

