

PACStacks iCAS Medical Archive Gateway Key Features

- * Leverage your existing SAN or NAS storage with initial license to manage up to 5TB. Expansion licenses available to manage increased storage
- * Powered by SENCOR's proven intelligent grid-based iCAS software for solutions that adapt as your DICOM archive needs change
- * Automates HIPAA data retention compliance
- * Offers data protection with a variety of mirroring options
- * Simplifies the retention and management of DICOM compatible images
- * Provides DICOM compatibility with a wide range of modalities and other PACS modules
- * Ensures the reliability of data transfer with end-to-end verification
- * Self-heals by detecting and replacing corrupt data with uncorrupted copy
- * Reduces cost and increases flexibility by working with industry-standard software and hardware
- * Improved storage efficiency with selectable lossless compression



PACStacks iCAS Medical Gateway



Leverage your existing SAN or NAS as Medical Archive

The PACStacks iCAS Medical Archive Gateway allows you to utilize your existing SAN or NAS storage for archival of your DICOM images. The PACStacks iCAS grid-based software is fully DICOM compliant and simplifies storing, protecting, and retrieving patient studies using your current storage infrastructure. The highly scalable PACStacks iCAS software can be expanded to manage additional storage as your requirements change. It can also be combined with the PACStacks Disc Burner and DICOM Router to create a fully HIPAA-compliant PACS system.

Allows Hospitals, Clinics and Imaging Centers to simply install the PACStacks iCAS gateway and configure it to utilize storage resources available on your network as DICOM archive storage. As needs change the PACStacks iCAS software has the ability to scale in capacity and/or features to adjust to your new requirements.

To meet the HIPAA requirement that two separate copies of patient images be retained, the PACStacks iCAS Software has options for creating separate copies of each image which can be stored or automatically routed and stored to a remote storage device. Rules-based archive management is extremely simple, providing complete control through the appliance's web-based interface.

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Simple, Cost-Effective

PACStacks iCAS Archive Gateway allows use of your current IT storage pool, SAN or NAS for the archival of DICOM images. Storage capacity may be easily increased with the addition of expansion upgrades. With SENCOR iCAS software, there are no extra licenses required for the addition of modalities or workstations.

Highly Scalable, Grid-based Storage Architecture

The PACStacks grid-based architecture provides the flexibility to buy only what is needed today and scale your system over time as requirements change. The PACStacks iCAS Gateway supports up to 5TB of your SAN or NAS and can be expanded in .5 and 1TB expansion upgrades.

Minimal Operational Overhead with Automated Rules-based Architecture

The automated, rules-based architecture and web-based management simplify configuration and monitoring. The intelligent policy engine minimizes the need for operator intervention while maximizing performance and efficiency. Hardware upgrades are seamless, without provisioning or service interruption.



PMG-12500-1 PACStacks iCAS Medical Gateway 500G

High performance medical archive gateway allowing facilities to leverage current installed SAN or NAS. This system includes a 1U server with two dual core processors, 4GB DRAM, two 300GB drives (OS and Database only) RAID 1. Comes with Server 2003 R2 SE, Sencor's iCAS grid based medical archive software.

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