

PACStacks iCAS Medical Archive Key Features

- * Scalable DICOM archive ideal for single and multi-site facilities
- * Powered by intelligent grid-based iCAS software for solutions that adapt as business needs change
- * Automates HIPAA data retention compliance
- * Simplifies 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 Archive



Intelligent Image Archiving Made Simple

The PACStacks iCAS Medical Archive is a DICOM compliant, economical grid-based archive that simplifies storing, protecting, and retrieving patient studies. Available in 6 configurations, the highly scalable PACStacks iCAS Archive can be used as a multi-modality storage archive, a PACS storage repository, or can be combined with the PACStacks iCAS Disc Burner and DICOM Router to create a fully HIPAA-compliant PACS system.

It allows Hospitals, Clinics and Imaging Centers to simply select the size, feature and function required to meet their current image storage or distribution needs. As needs change the PACStacks iCAS archive has the ability to scale in capacity and/or features to adjust to your new requirements.

The PACStacks iCAS Archive is a cost-effective solution for both single and multi-modality imaging facilities. Connected modalities can send images to the PACStacks iCAS Archive where the images are securely stored. To meet the HIPAA requirement that two separate copies of patient images must be retained, the PACStacks iCAS Archive has a simple option for creating multiple copies of each image which can be stored either locally or automatically routed and stored in a remote storage device. Rules-based archive management is extremely simple, providing complete control through the web-based interface.

www.sstgroup-inc.com
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Simple, Cost-Effective Family of Archives

PACStacks iCAS Archive's are available in a number of configurations to meet individual business requirements. No matter which base configuration is initially chosen, storage capacity may be easily increased to meet the needs of a growing business. With 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 what is needed today and scale over time as requirements change. Start with 1TB of storage and grow to Petabytes in a single grid by simply installing expansion boxes and/or server nodes. Archives can be configured to allow data to be distributed from one medical archive node to another. Data can then be queried and retrieved from either of these medical archives.

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.



PACStacks iCAS Archive Models

PMA-11110-1 PACStacks iCAS Medical Archive 110 (2 x 250) Tower
Archive capacity for approximately 4,000 50MB studies.

PMA-11125-1 PACStacks iCAS Medical Archive 125 (4 x 500) Tower
Archive capacity for approximately 24,000 50MB studies.

PMA-11300-1 PACStacks iCAS Medical Archive 300 (6 x 250) Rack
Archive capacity for approximately 20,000 50MB studies.

PMA-11300-2 PACStacks iCAS Medical Archive 300 (6 x 500) Rack
Archive capacity for approximately 40,000 50MB studies.

PMA-11300-3 PACStacks iCAS Medical Archive 300 (6 x 750) Rack
Archive capacity for approximately 60,000 50MB studies.

PMA-11300-4 PACStacks iCAS Medical Archive 300 (6 x 1000) Rack
Archive capacity for approximately 82,000 50MB studies.

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