

aycan store (PACS)

A Cost Effective and Powerful DICOM Archive

aycan store is a scalable, high performance DICOM archiving and distribution system, which can be accessed on-site or optionally through our cloud solution powered by Oracle.



At Home In Any Environment

From simple to complex workflows in imaging centers, hospitals, and Teleradiology service companies, aycan store can improve the workflow in any environment.

Tailored to Meet Your Needs

For on-site solutions, the aycan consulting team meets with you to develop a customized solution to fit into your current or future IT/PACS and RIS environment and workflow. For cloud solutions, our team meets with you to discuss how much cloud storage you need.

Vendor Neutral for Easy Integration

aycan store is at home in any environment. It seamlessly integrates with RIS and other patient management systems. The Import Module assures reliable legacy data migration, and its open architecture makes it compatible with most 3rd party vendors. aycan store supports most radiology compatibility standards, so it can seamlessly integrate into your current environment and with all your DICOM nodes. Once integrated, you'll stay in control of your data as it is all stored in a vendor neutral DICOM format.

Improved Workflow and Security

aycan store's unique features allow you to improve productivity without compromising security. Configuring aycan store's auto-routing feature will streamline your workflow by automatically transferring your DICOM data to any desired location. And with industry-standard VPN encryption methods, aycan store keeps your data traffic secure at all times. aycan also offers optional off-site data storage, so you can safely backup your data for disaster recovery and other applications.

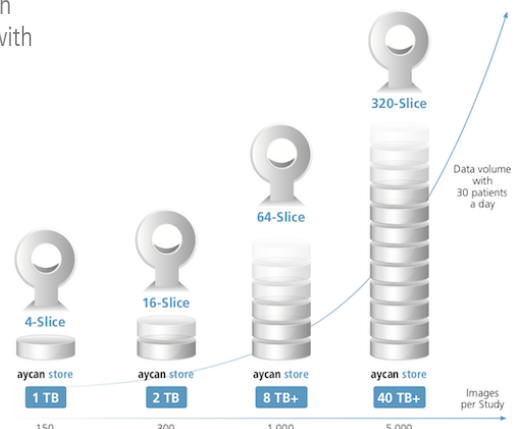
Turnkey Installation

aycan will thoroughly plan and prepare for the install before arriving on-site, so you are ensured a smooth and timely installation.

Ready for the Future

Easily expand storage with either our Cloud or on-site solution. For on-site, our RAID System is engineered for performance and scalability. With either solution, no matter how quickly your data grows, aycan store can grow with you and provide the performance you need. With aycan store, there is no need to migrate your data when you are ready to expand. And with native JPEG-lossless compression, you get end-to-end speed, without the wait.

The aycan store on-site solution is available with hardware designed specifically for WORM storage (shown left). The illustration to the right shows how easily you scale an aycan store on-site or in the Cloud.



Standard Features and Options to Streamline Your Workflow

- Automatic DICOM Tag Modification (optional)
- Auto-Routing
- aycan web (non-diagnostic, 'zero-footprint' HTML5 DICOM Viewer)
- Back-Up (optional on-/off-site solutions)
- Compression
- Data Migration
- DICOM Connections (five modalities/workstations) included in base configuration
- DICOM Viewer/Post-Processing Workstation, FDA 510(k) cleared (optional)
- IHE Patient Information Reconciliation (optional)
- IHE Scheduled Workflow with Modality Worklist (MWL) (optional)
- Lossless Compression
- Metadata Editor for manual DICOM metadata modification
- Pre-Fetching for relevant prior retrieval and distribution
- Rack mount or tower configuration hardware options
- Remote back-up storage, based on usage (optional)
- SAN Integration (optional)
- Virtual Archive (optional)
- Virtual Query/Retrieve Filter (optional)
- Worm Storage (optional)

Switching to aycan is Easy

- 20+ years extensive PACS & data migration experience
- DICOM expertise
- Dedicated technical staff
- Comprehensive integration planning
- Quick and easy on-site integration
- Work with/manage problem resolution with vendors
- Vendor neutral products and services
- Flexible payment options
- Free consult—call today!



Recommended Hardware (on-site solution)

- Dell PowerEdge Server
- Intel Xeon Processors
- PERC RAID Controller and QLogic HBA support
- 10-gigabit Ethernet support

Standard and Extended Warranty (on-site solution)

- Three-to-seven-year hardware warranty with next business day on-site support in the U.S.
- One-year software warranty
- Extended hardware and software warranties available as an option

Listings/Markings

- FDA listed as a medical image communication device (class 1 Exempt, Sec. 892.2020)
- CE Marking: class I product

RIS/HIS Integration

- Vendor neutral, can integrate with just about any current RIS or HIS system with migratable data.

Start improving your workflow without compromising security with aycan store.