

# FLEXIBLE. SECURE. EASY.

## aycan NDT archive

**A powerful DICONDE archive solution for Non-Destructive Testing images and information.**

aycan NDT archive delivers a complete, scalable and flexible Digital Imaging and Communication in Non-Destructive Evaluation (DICONDE) archive solution for non-destructive testing (NDT) images and information. With high performance features, aycan NDT archive can improve the workflow in any environment where reliability, quality, and security are of key importance.

### Powerful Performance

aycan NDT archive's advanced techniques provide fast, efficient, reliable, and secure storage and retrieval of DICONDE images and information. By leveraging aycan NDT archive you now have a central repository of historical inspection data at your fingertips. Pre-inspection planning can now be based on actual inspection data and post-inspection analysis can be done by a central expert group and "in context."

### Works in Any Environment

Ideal for robust on-site, multi-site, and off-site implementations, aycan NDT archive works in any environment where there is a need for fast, efficient, reliable, and secure storage and retrieval of DICONDE images and information.

Key industry applications include:

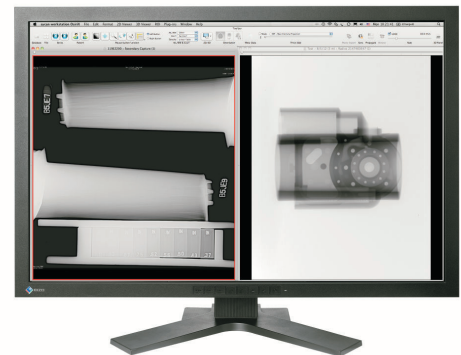
- » Aerospace Defense
- » Oil & Gas
- » Transportation
- » Shipping
- » Manufacturing

### Easy to Integrate

aycan NDT archive's vendor neutral, modular, and scalable architecture enables compatibility and quick and easy integration with DICONDE hardware and NDT technology.

### Minimal System Requirements

- » Dell PowerEdge R720xd
- » Intel Quad Core Xeon Processors
- » PERC H710 RAID Controller and QLogic HBA support
- » Broadcom gigabit and myricom 10-gigabit Ethernet support



## Advanced, Easy to Use Features Deliver Outstanding Results

- Meta data Editing** » Fix data entry mistakes on the server without requiring a full QA workstation.  
» No tainting of capture timestamps when making changes.
- Related studies** » Immediately receive prior test images for the same component delivered direct to the workstation without the need to search.
- Virtual Archiving** » Segregate data into different silos for group or division isolation with different access requirements based on a programmable rule set.
- Data Compression** » Supports uncompressed, lossy, and lossless compression.
- Data Migration** » The Import Module assures reliable legacy data migration.
- Auto-routing** » Streamlines your workflow by automatically transferring DICONDE data to any desired location.
- VPN Encryption** » Keeps data traffic secure between sites. With the optional automatic off-site data storage, you can safely backup data for disaster recovery and other applications.
- Native JPEG-Lossless Compression** » Enables end-to-end speed, without the wait.
- Scalable** » Scalable storage either directly attached or via Storage Area Network (SAN) for large storage deployments.  
» Can grow with multiple spanned mountpoints to provide simplicity without the need to migrate data when you are ready to expand.  
» Server 'role' based-processes for easy clustering.  
» Tiered storage capability for on-line and near-line storage tiers.  
» Powerful and petabyte scalable WORM storage with the SilentCube option.
- Industry Standard** » DICONDE compliant non-proprietary solution for digitally storing and retrieving NDT images and information.
- Tailored** » aycan meets with you to develop a customized solution to fit into your current/future NDT environment and workflow.
- Easy to use** » No need to worry about confusing and complex naming conventions and/or folder storage. aycan NDT image archive's "one click to query" is fast and efficient.
- Flexible** » Manages multiple long-term storage solutions and can scale to grow with your NDT archival storage needs.  
» Simplified multi-modal information sharing across the any number of end-users.
- Vendor Neutral** » Enables compatibility with DICONDE hardware and NDT technology plus quick and easy integration.
- Turnkey Installation** » aycan will thoroughly plan and prepare for the install before arriving on-site, so you are ensured of a smooth and timely installation.

aycan is an approved GSA Supplier. Learn more about aycan and aycan NDT archive at [www.NDTarchive.com](http://www.NDTarchive.com)