

Image Archive VNA

Vendor Neutral Archive Solutions

Visbion VNA solutions are specifically designed for complete image and data sharing to allow you to view a patients' entire clinical records through a single point of access.

Visbion Image Archive is a flexible, innovative and vendor neutral archive for storing images and other documents. When combined with products from Visbion's extensive portfolio, Visbion Image Archive provides image and document management solutions to suit all departments, including radiology, cardiology, mammography, medical illustration and ophthalmology.

Benefits of Image Archive VNA

- ▶ Integrated image and document management
- ▶ Vendor independent support for all 'ologies
- ▶ Patient and clinical portals for mobile devices
- ▶ Built-in streaming web viewer with diagnostic quality
- ▶ IHE compliant, supports open standards
- ▶ Scalable from small practice to regional solution
- ▶ Cloud based and per-exam models available



Connectivity Solutions for Healthcare

Visbion's technology can also provide connectivity solutions for even the most complex challenges, including connecting remote networks and mobile facilities.

Currently installed in sites worldwide, Visbion's leading edge technology is a proven healthcare solution.

Image Archive VNA Features

Image Archive Enterprise hardware details

- ▶ Based on industry standard hardware with worldwide warranty and support
- ▶ Rackmount units with enterprise level hardware specification
- ▶ Modular approach for scalability, redundancy and future expansion
- ▶ Visbion Remote Monitoring and Remote Login support*

Standards compliance

- ▶ Extensive Dicom 3.0 support including presentation states, encapsulated documents and structured reports
- ▶ Native HL7 support for v2.x and v3.0
- ▶ Wide-ranging XDS support with Repository and patient consent and privacy
- ▶ LDAP integration for centralised user management
- ▶ WADO interface for web viewing of Dicom objects through included or third part viewers
- ▶ SMTP notification engine to send reminders and alerts

Web interface

- ▶ Web based patient record portal, can be used standalone or integrated into existing portals
- ▶ Integrated thin client diagnostic web viewer with advanced 3D tools
- ▶ Full diagnostic quality streaming web viewer for use across all departments
- ▶ Web based system administration interface

IHE compliance

- ▶ Fully Integrated XDS and XDS-I Source and Repository
- ▶ Image Object Change Management support
- ▶ Image Manager\Archive for a large number of imaging profiles

Diagnostic web based image viewer

- ▶ All standard radiology tools, including zoom, pan, window level
- ▶ Advanced overlay and measurement tools such as cardio thoracic ratio
- ▶ Roaming profiles with user definable hanging protocols
- ▶ Streaming functionality for immediate loading of large datasets
- ▶ 3D tools including MIP, MPR and Curved MPR

Data cleansing, mapping and verification

- ▶ Tag mapping and morphing (any to any)
- ▶ Tag verification against external sources
- ▶ Transformation of any Dicom transfer syntax to any other on the fly
- ▶ Full support for private tags

Infrastructure and scalability

- ▶ Can be supplied as a full end-to-end solution or as software only
- ▶ Can be deployed on virtual servers or on physical hardware as desired
- ▶ Supports full Microsoft SQL Server clustering or SQLmirroring
- ▶ Multiple server and multi-data centre deployments using hardware load balancing

Storage systems

- ▶ Integrates with existing storage, including direct-attached storage, fibre-channel SAN, content addressable storage and virtualised storage
- ▶ Can write to multiple storage subsystems for full redundancy
- ▶ Integrates with retention policy, de-duplication and metadata mechanisms on content addressable storage platforms
- ▶ Amazon S3 cloud storage support

* Subject to network connectivity

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