

HEALTHCARE
SECTOR
SOLUTIONS
4PACS
VENDOR NEUTRAL
ARCHIVE

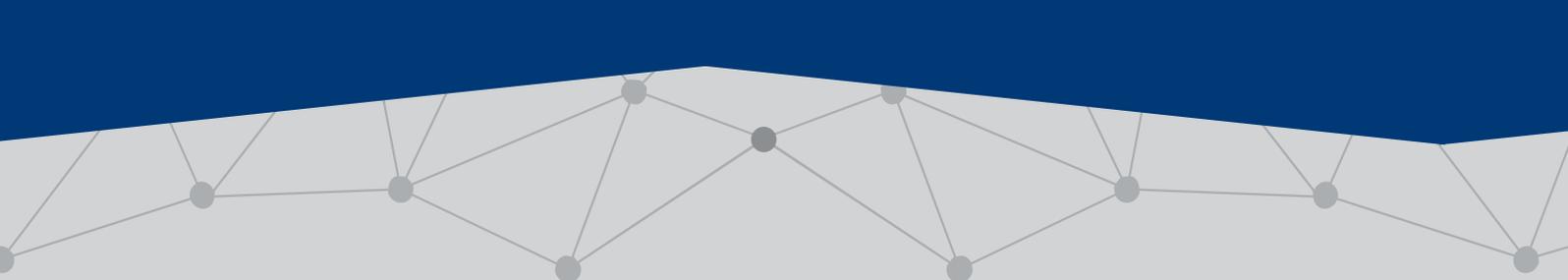
Singular Logic

Vendor neutral archive services for optimized enterprise imaging strategy

4PACS – VNA, is a vendor neutral archive solution that provides an optimized way to archive, manage and deliver imaging data with limited resources independent of proprietary PACS systems. The goal is to ensure that medical staff (nurses, clinicians and physicians) have fast, reliable access to patient data. This allows them make decisions with greater efficiency and provide medical health services of higher quality, at a lower cost.

Store all image data in one location
Easy access, anytime from any device





Transform departmental silos into global sharing repositories

4PACS – VNA helps to simplify global access to imaging information and facilitates enhanced clinical collaborations. With a single point of distribution and Electronic Medical Record (EMR) integration for imaging data, you gain a single view of the patient image data across the enterprise. Therefore reducing the complexity of integrations and interfaces between the enterprise's systems.

Easy of access, anytime from any device

A patient's clinical data becomes available to physicians, clinicians or the patient, through a web based - zero footprint universal viewer to reduce access complexity and improve productivity.

Vendor Neutral, Flexible, Scalable

4PACS-VNA is an open based system that is independent of proprietary server or storage technologies. It serves as a central repository for clinical information, including DICOM (Digital Imaging and Communications in Medicine; x-ray image digital standard). For non-DICOM object types or when there is no DICOM encapsulation object available, or when there is no need to interface with DICOM systems, 4PACS uses HL7 messages or XDS registry services. Moreover, the solution is scalable enough to meet needs ranging from those of a single department or clinic to those of multiple facilities with multiple imaging specialties.



Focus on healthcare and not on IT management

4PACS-VNA is a Cloud based solution that enables the organization to focus on its core business of health care. It reduces the cost of IT infrastructure, while storage and computing expansion is unlimited. We accomplish this through virtualization and vendor agnostic technologies. Multi-site load balanced architecture ensures both high availability and disaster recovery, for peace of mind.

- Removes the need to maintain redundant departmental archives
- Single point of integration with EMR and other systems
- Centralized access/security policies
- Manage more content with less resources

Maximize Clinical Value, Minimize Cost

4PACS-VNA provides an additional financial benefit, by reducing the amount of money spent on image management expenditures, including hardware and operating costs. Through system consolidation we can accomplish the following:

- Reduction of cost by reducing the number of individual systems
- Economies of scale by investing in a single larger storage platform for all image data
- Savings from never needing to migrate PACS data again
- Cloud based solution – pay as you go business model



Features

- Multi-site clinical content repository that enables consolidation of IT infrastructure for archiving and managing unstructured medical content (images, reports, documents etc.) using industry standards (DICOM, IHE-XDS).
- A non-diagnostic zero footprint viewer, which supports industry standards like DICOM –WADO and IHE-XDS from any device, at anytime with access to patient images and documents.
- An IHE-XDS registry that allows external systems to access patient records in a standard compliant manner.
- Dynamic and static tag morphing capabilities to manipulate content of DICOM tags in a study during archiving or retrieval.
- Image lifecycle management: create, modify and implement rules to govern the management of imaging studies across the enterprise.
- A master patient index to link patient records across the enterprise.

Benefits

- True vendor independence and freedom
 - Reduce total cost of ownership
 - Improve operational efficiency / productivity
 - Zero footprint viewer for clinical viewing
 - Improve medical decision making
 - Reduce unnecessary exams & patient transfers
 - Increase Patient's Loyalty
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