Genesis VNA

Experience the transformative power of cloud connected data

A single longitudinal patient record across multiple departments and facilities

Genesis VNA[1] is a cloud-based, fully managed vendor neutral archive solution that unifies and intelligently manages patient data, images and enterprise content. It provides healthcare teams with efficient access to data whenever and wherever needed.[2] It can also be deployed with an optional zero-footprint viewing solution that is easily accessed via a web browser with no installation required.

Modular, scalable and standards-based

Through a standards-based design that unifies and intelligently manages patient data, images and enterprise content, Genesis VNA provides healthcare teams with efficient access to data whenever and wherever needed.[2] By leveraging IHE, HL7 and DICOM compliant industry standards, it provides a single platform that enables you to consolidate disparate systems across multiple specialty departments and facilities.

Genesis VNA stores DICOM studies in a vendor-neutral format. It enables seamless integration with HL7 systems, supporting

the archiving of DICOM structured reports alongside images and helps facilitate encounter-based imaging workflows.

Genesis VNA also provides powerful workflow tools such as rule-based DICOM routing, prefetching, image lifecycle management, tag-morphing, and a DICOM data migration tool. For data integrity and security, the system includes DICOM shadowing as well as comprehensive auditing of all actions.

Helps to minimize IT staff

As a fully managed software-as-a-service (SaaS), Genesis VNA helps reduce costs associated with information management. This subscription is tailored for organizations managing up to 500,000 procedures per year, providing a robust set of tools and features to streamline medical imaging workflows. To enhance organization and efficiency, the system provides the capability to create multiple virtual archives for managing DICOM data.

Genesis VNA can also be supplied with a universal viewing solution that is easily accessed via a web browser with no installation required. No application or data is downloaded or left behind. Finally, it supports deployment within high availability, disaster recovery, and cloud deployed infrastructure to help ensure service continuity.

Designed to help enterprise IT groups:

- Unify and manage patient images from multiple imaging specialties & facilities.

- Make images and data more accessible to help facilitate better collaboration among healthcare professionals.

- Provide predictable cost control, rapid scalability, and excellent reliability.

- Assure a worry-free operating lifecycle that eliminates the need for managing hardware, software and security updates.

- Reduce their IT footprint and staff burden.

[1] Genesis VNA includes Enterprise Archive and Centricity Universal Viewer Zero Footprint Client. Available in U.S.A., Canada and U.K. only.
[2] Anywhere the Internet is available.   [3] Not for diagnostic use on mobile devices.
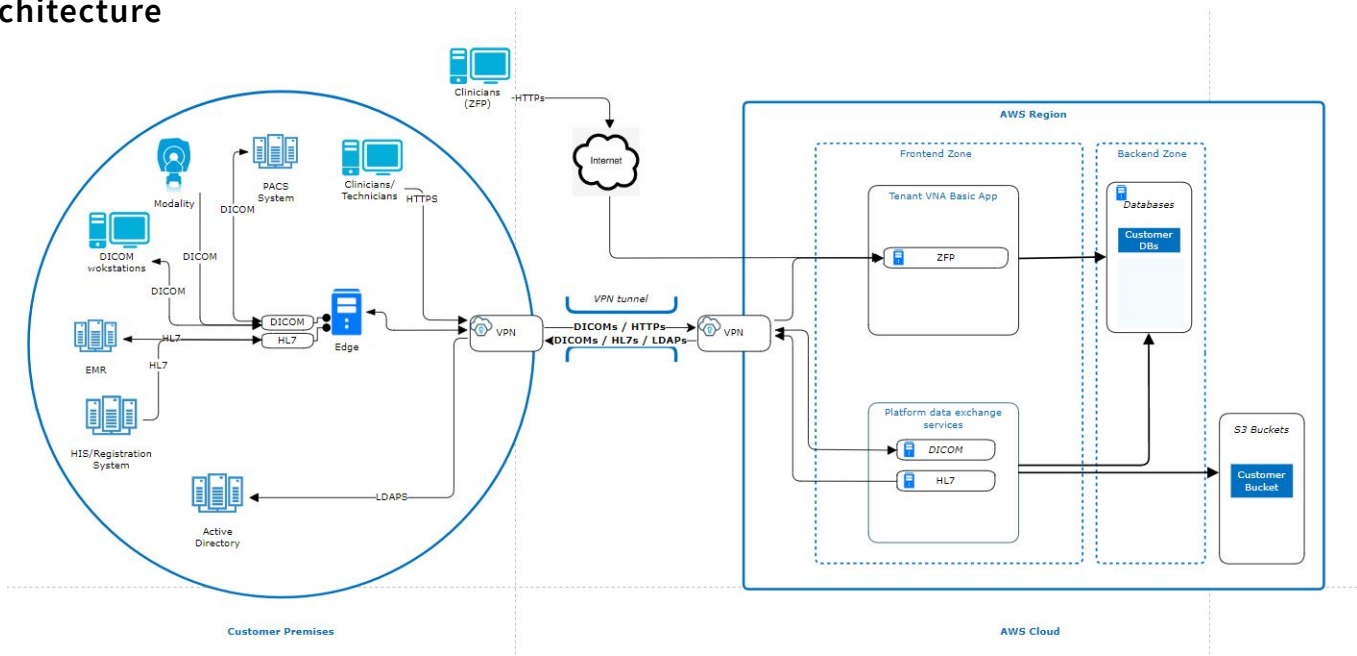
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Optional Enterprise Viewing

An optional enterprise viewing solution[3] offers powerful tools for referring physicians and clinicians to access images from Genesis VNA. The option provides a flexible and proven zero footprint application that delivers a browser-agnostic viewing experience accessible with desktop, tablet and mobile devices.[4] This versatility ensures easy access to patient exams for referring physicians and clinicians, regardless of their location.

The viewer incorporates advanced capabilities, including native 3D visualization tools and smart layouts, enhancing visualization usability and streamlining comparison workflows. Security and compliance are prioritized through Audit Trail and Node Authentication (ATNA) compliant auditing. The system's cross-enterprise services enable the discovery and display of prior exams, facilitating comprehensive patient care. Integration with electronic medical record (EMR) systems is seamless through URL-based EMR launch, while Outbound API Integrations allow communication with other software applications, enhancing interoperability.

Architecture

Available as a scalable Software as a Service (SaaS) License Model	
Software Licensing:	Monthly Subscription Fee based on Monthly Exam Volume
Software Support/Maintenance:	Included
SW Updates:	All SW updates included
Monitoring:	Active/proactive monitoring that watch and alert on various states of the infrastructure and applications

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