SYNAPSE® VNA

Award Winning Enterprise Clinical Repository from FUJIFILM

On May 13th, 2015, FUJIFILM announced completion of its acquisition of TeraMedica Incorporated. This acquisition gave birth to the Synapse VNA product (formerly Teramedica VNA) and today allows Fujifilm to offer the market a leading Vendor Neutral Archive (VNA).

As the leader in clinical archiving, FUJIFILM TeraMedica, Inc. has been at the forefront of the VNA market since 2001, providing an optimised and affordable clinical data management solution.

2014 VNA 'KLAS Category Leader' Award Winner

The Synapse VNA product offers unmatched scalability and flexibility, supporting management of the widest range of non-DICOM objects in their native format. This earned it the 2014 KLAS Category Leader award for VNA.

Enterprise-wide Clinical Data Management

Synapse VNA provides a centralised archive for all departments within a healthcare organisation, catering for all DICOM and non-DICOM data management requirements. It replaces independent data silos and allows the healthcare organisation to adopt a single, enterprise-wide data storage strategy.

Market Leading XDS Consumer for enterprise-wide viewing

Synapse VNA delivers clinical value by providing easy access to the full patient's medical record on one viewer. Synapse VNA supports an advanced workflow for data sharing, clinical collaboration and cross site reporting via XDS/XDS-I. Synapse VNA also offers flexibility of viewing platforms by providing an XDS consumer within the PACS client to enhance the Radiology workflow, and a standalone viewer for accessing the VNA from outside Radiology.

SYNAPSE® VNA

Technologies for Achieving a Paperless Healthcare Organisation

Synapse VNA offers a complete solution for digitising existing paper-based workflows and ingesting scanned documents into the VNA, with a HL7 feed for patient and document metadata information.

Improved Patient Care

By simplifying the sharing of images and clinical documents using the IHE XDS/XDS-I integration profile, clinicians can have a holistic view of a patient's clinical record regardless of their format or where they are acquired or stored.
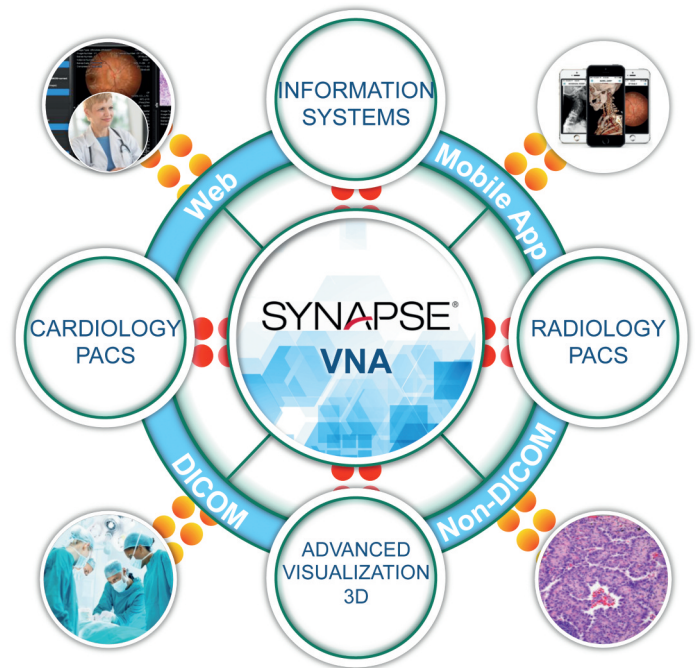
Data Analytics Tools

Synapse VNA provides powerful clinical and technical data analytics tools at your fingertips. Some of the statistical information available via the interactive dashboard includes:

- Real-time report on available storage and storage allocation
- DICOM input and output threading statistics
- Number of connected devices at any given time (workstations, mobile devices)
- Reporting turnaround statistics and Reporting Backlogs

Robust Information Lifecycle Management (ILM)

With its advanced Information Lifecycle Management engine, Synapse VNA ensures that data stored in the VNA is kept in sync with the original data source using the Image Object Change Management (IOCM) IHE profile. It also provides tools for organisations to manage data culling and data compression rules on the VNA database.

Reduced Overall Cost of Data Management

Using a shared archive platform reduces the overall storage management costs and improves data security (HIPAA compliance) by using standard IT policies and principles for managing enterprise data.

Supports Open Standards and is Hardware Agnostic

The Synapse VNA is a software platform that easily conforms to open standards as well as empowering organizations to leverage the latest advancements with Virtual Server and Storage Architectures.

Single Solution Platform

RADIOLOGY · CARDIOLOGY · MAMMOGRAPHY · SURGERY · WOUND · ENDOCRINOLOGY · DERMATOLOGY · ENT · ONCOLOGY · ANESTHESIA · PATHOLOGY · GENOMICS · HEMATOLOGY · NEPHROLOGY · OPTHAMOLOGY · SLEEP STUDIES