SYNAPSE VNA

True Imaging Interoperability
for Optimal Care

DERMATOLOGY

DICOM

ECG

SURGERY

VNA

RADIATION TREATMENT PLAN

ENDOSCOPY

Securely **integrates more** specialities, more devices and more data than any other VNA.

FUJIFILM
Value from Innovation

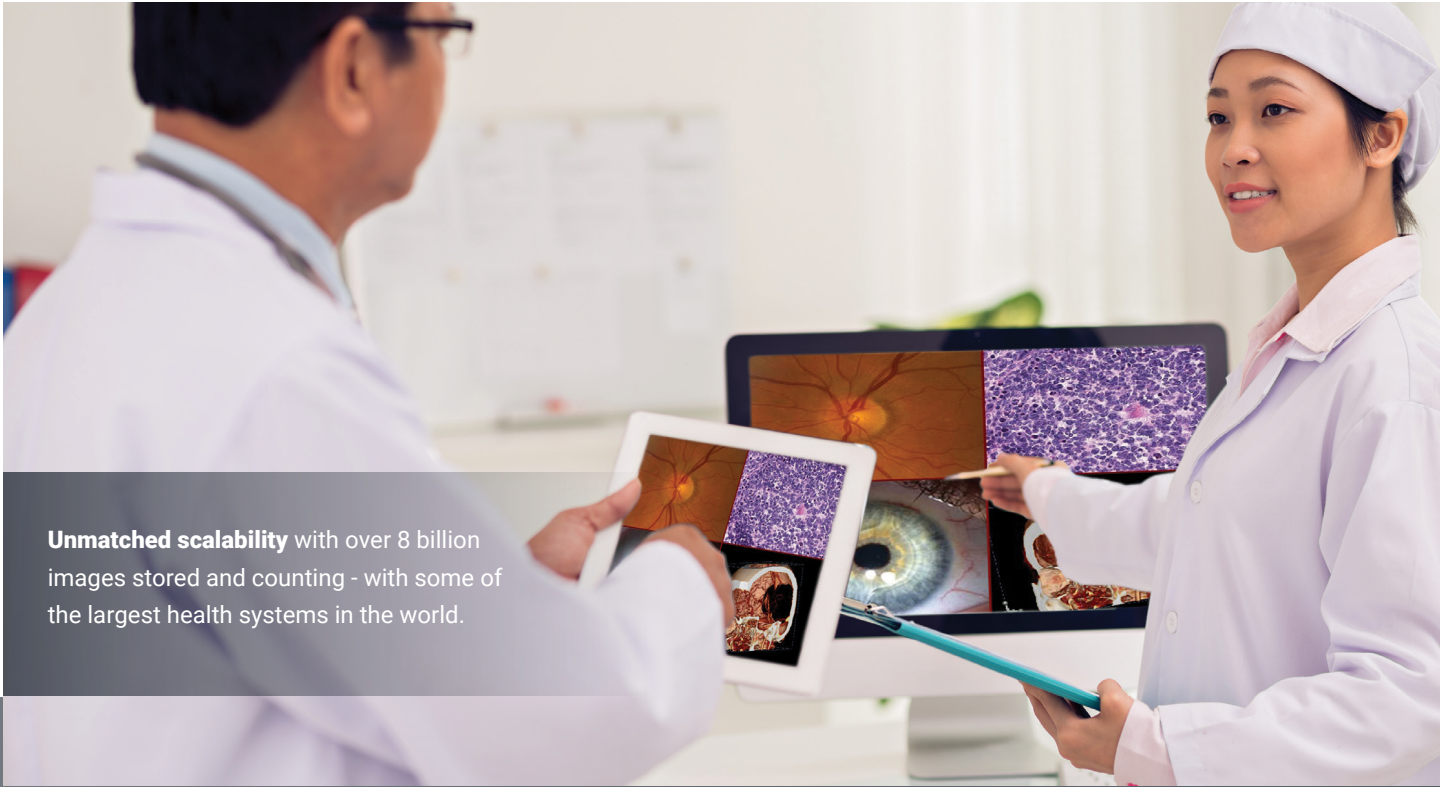TeraMedica®

The Value of
True Imaging Interoperability

Practitioners across the enterprise need access to images to provide the best patient care. This interoperability is critical for diagnosis, treatment, follow-up and care coordination.

However, technology can get in the way of meaningful data sharing. Different EPR/RIS/PACS systems were not designed to communicate easily with one another. The situation burdens IT systems, creates clinical silos, impedes workflow and security, and can compromise patient care.

Synapse VNA (vendor-neutral archive) was designed for true imaging interoperability. It provides secure, easy-to-manage storage and access to the complete patient imaging record and links all health IT systems.

Synapse VNA

- **Enhances** security
- **Reduces** costs
- **Simplifies** operations
- **Enables** clinical collaboration
- **Optimises** patient care
- **Minimises** risk
- **Empowers** clinicians

Unmatched scalability with over 8 billion images stored and counting - with some of the largest health systems in the world.

SYNAPSE VNA

Improve Clinical Outcomes

Images are not ancillary data. They play a critical role across the patient pathway.

However, different specialities have unique requirements for viewing and interpreting that data, even as they care for the same patient.

Access and usability are vital to a clinical team's ability to share and integrate image content. Create a more complete EPR for optimal patient care. Synapse VNA connects imaging content from more specialities than an other system.

Create a single patient-centric view across the entire patient pathway.

Access patient images through the electronic patient record (EPR).

View both DICOM and non-DICOM images (native PDF files, video files, sound files, JPEG, TIFF images and more).

Use any computer or mobile device for security anytime, anywhere access.

Access images across a comprehensive range of specialities.

Extend standards-based workflows to clinical departments.

Optimise Operational Efficiency

Synapse VNA connects and manages the digital image infrastructure with the most scalable enterprise storage solution.

Today's complex healthcare environments, patient expectations, security considerations, technology advancements and regulatory mandates put a strain on systems and processes. Flexibility, scalability and control are essential to keeping organisations at peak performance.

Capture, Store, Manage, View, Share

Improves data security and HIPAA compliance by using standard IT policies and principles for managing enterprise data.

Optimises bandwidth with zero-download-embedded viewer.

Centralises IT governance of data to dramatically reduce the risk of data loss and theft.

Manage Needs of Each Department

Scales to meet a range of needs from a single department to multiple facilities with multiple imaging specialities.

Connects to a variety of departments including point-of-care ultrasound, real-time dermatology, wound care image capture, and EPR image and video uploads.

Adaptive Design

Automatically establishes storage and distribution protocols based on clinical profile, management policy, enterprise workflow and regulatory requirements.

Integrates flawlessly with any EPR, PACS, RIS and CVIS solution.

Synapse VNA supports clinical workflow efficiency **across all departments**, improving FTE performance while providing a **single access point** to clinical studies, pictures and movies.

Achieve Cost Savings

Get maximum value from **all** types of diagnostic and treatment content - DICOM and beyond - at minimum cost.
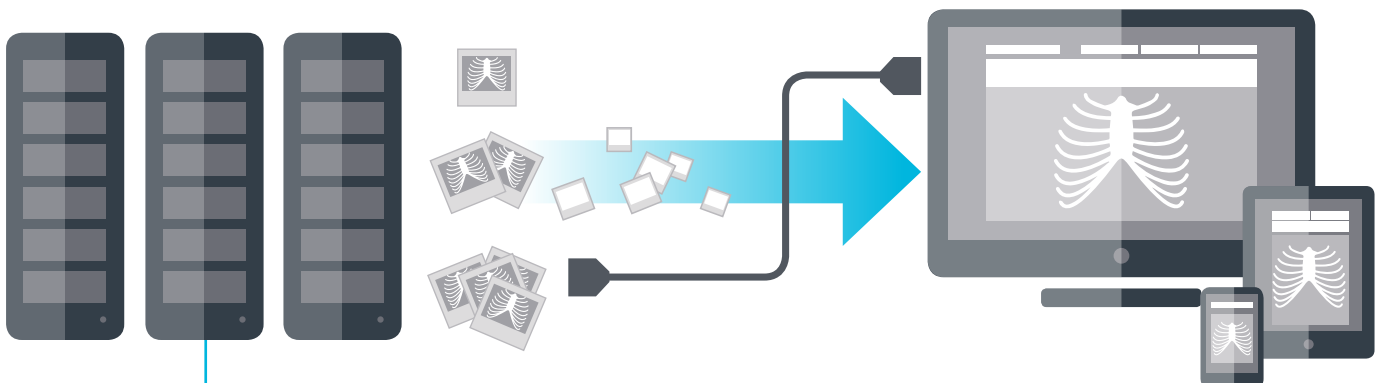
Migrate data only once. Synapse VNA eliminates costly future data migration. This greatly reduces migration costs over the life of the data.

- **Improve** information availability and reduce storage management costs using intelligent compression or purging techniques.

- **Reduce** interface costs by using a shared archive platform to store and distribute clinical data.

- **Decrease** new or replacement PACS costs through reduced vendor dependences.

- **Improve** clinical efficiency by providing a single, easy-to-use platform for all your data.

- **Remove** departmental storage silos and dependencies on application vendors for storage additions.

The Value of Vendor Neutrality

As a True Vendor Neutral Archive, Synapse VNA is able to store, manage and provide access to both DICOM and Non-DICOM objects. The Synapse VNA supports more Non-DICOM objects than any other VNA globally.

- Legal source of image remains untouched.

- Data can be returned to its originating source in the original format.

- Data retains private metadata tags useful to the originating source.

- Storing natively enables use of standard mime type viewers.

- Complexity for the originating source system is minimised.

- Flexibility to support retrieval through today's and future standards without format lock.

SYNAPSE VNA

VNA is in our DNA

With over 16 years of industry leading-experience, our TeraMedica Division remains independently focused on advancing VNA technology and healthcare interoperability, while now leveraging our clinical capabilities. As the centrepiece of the FUJIFILM Medical Systems comprehensive medical informatics portfolio, Synapse VNA provides the industry's leading image management solution.

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