Sectra VNA

SECTRA

Knowledge and passion

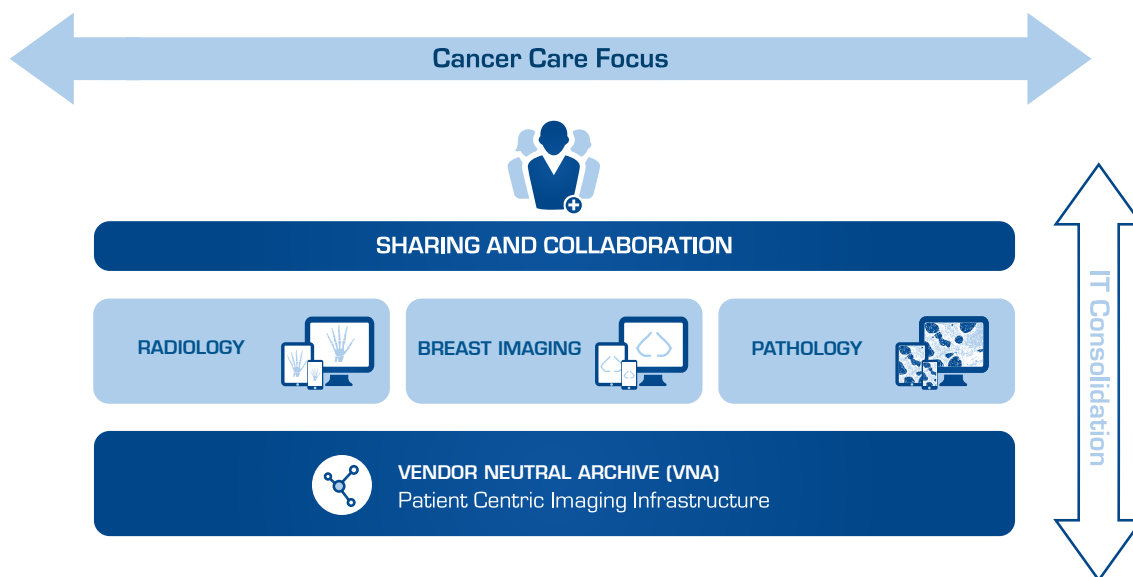# Follow patient pathways. Abolish healthcare barriers.

Sectra works toward a goal of truly patient-centered care where images and data follow the patient, rather than letting organizational structures hinder a smooth and efficient care process. To accomplish our aim, we provide solutions for capturing, storing and accessing virtually all images, video, audio and documents. We also provide a technical infrastructure that facilitates cooperation and dialog across organizational boundaries, as well as workflow solutions that enable efficient diagnostics in the most image-intense departments.

Sectra VNA allows you to consolidate image handling, while ensuring clinical workflow efficiency, growth management and business continuity.

Sectra VNA
- a single repository for all medical multi-media

Cancer Care Focus

SHARING AND COLLABORATION

RADIOLOGY

BREAST IMAGING

PATHOLOGY

IT Consolidation

VENDOR NEUTRAL ARCHIVE (VNA)
Patient Centric Imaging Infrastructure

The image illustrates Sectra's offering and how Sectra VNA lays the foundation for departmental workflow efficiency, sharing and collaboration.

Manage clinical workflows
Maximum user efficiency

As healthcare becomes more oriented towards clinical pathways, access to images and information created along the patient pathway is key. Thanks to Sectra's experience in both data storage and workflow solutions, we provide a cost-efficient VNA solution that will not compromise your clinical workflows.

Designed for easy capture

Sectra VNA facilitates the capture of medical images, film and audio clips from virtually any source, including ECG, HD film, non-DICOM images, which also encompasses pathology images, as well as all DICOM SOP Class images. Images may be DICOM-wrapped or kept in their original format, allowing you to choose the optimal strategy for each department and workflow.

The capture is easily achieved by either integrating existing image management solutions from any standard compliant vendor, or with Sectra's built-in import interface. Sectra's solution makes it easy for clinicians to import relevant images to the system, allowing a common storage of patient data for future reference. The import interface is designed to make the capture of images, video and audio as smooth as possible for users along the patient pathway – while meeting the clinical challenges of different departments. The Sectra import interface can be launched directly from the patient record, enabling an EMR-driven workflow. Patient and examination details are automatically pre-populated, avoiding double data entry for improved efficiency, quality and safety.

Single point of access

Sectra's solution facilitates access to and exchange of all relevant information across the entire clinical pathway. Authorized users have access to a comprehensive multimedia record through a universal viewer. Alternatively, departmental solutions such as PACS can easily retrieve images from the VNA.
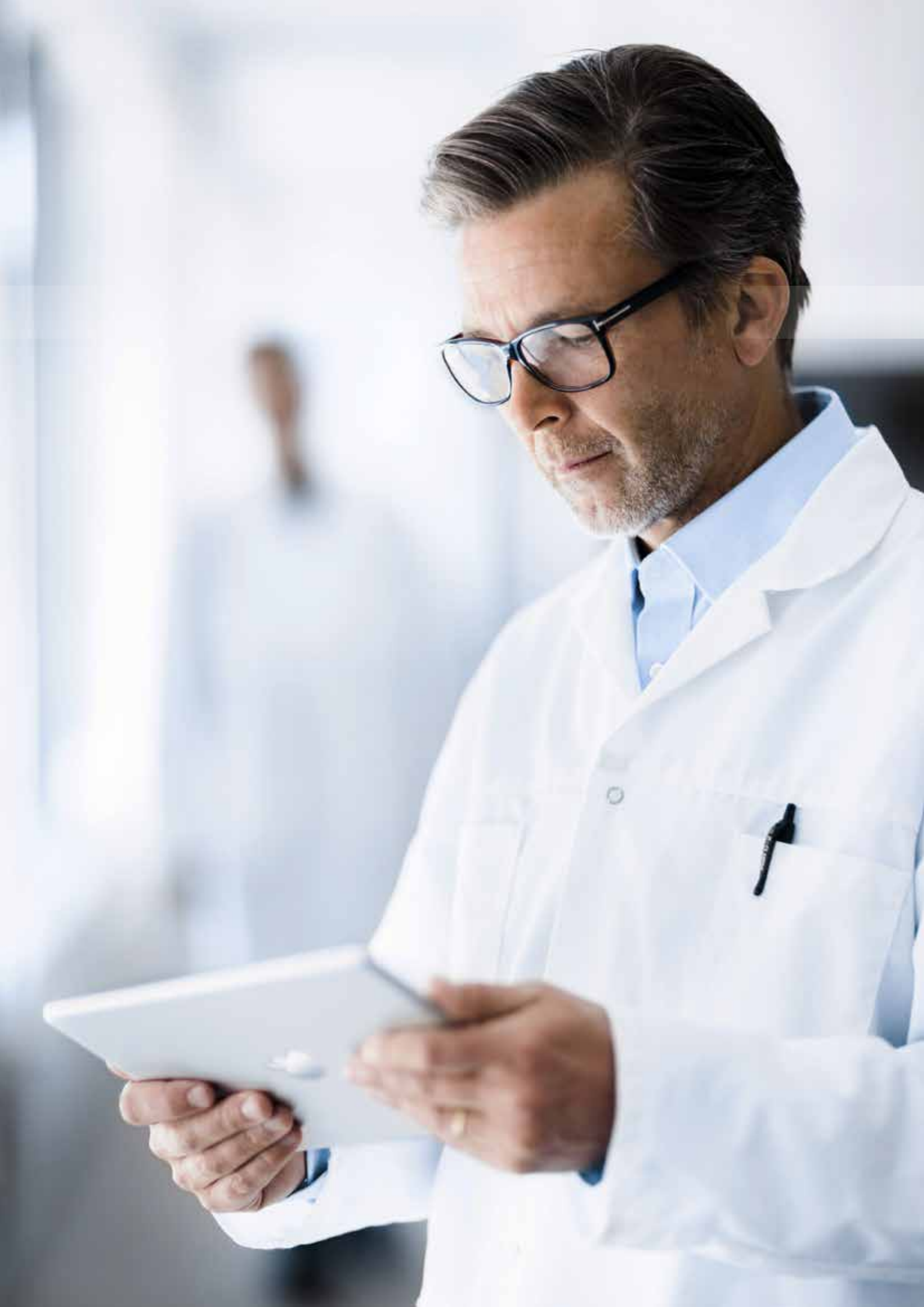
The viewer is available in a variety of designs – from a zero-footprint tablet viewer, to advanced diagnostic workstations. Technologies such as high-performance streaming and wavelet compression facilitate multi-site workflows across wide-area networks.

Sectra VNA features an interoperability platform and task manager, which improves communication between the VNA and surrounding systems such as RIS, EMR, PACS, etc. Based on the characteristics of incoming data, it can launch different tasks such as linking patient MRN domains.

When consolidating the enterprise archive, it is vital to ensure that the workflow in image-intense departments – such as mammography, pathology and radiology – continues to function smoothly. Sectra offers not only extensive archiving experience; we have also provided complete workflow solutions for more than 30 years, adapted to the needs of each clinical discipline.

Data analysis for an optimized clinical workflow

Sectra's VNA offering provides the means to fine-tune clinical workflows through efficient data mining and management reporting tools, using either your existing data mining applications, or applications provided by Sectra. The data is stored in a separate warehouse, which allows for secure data extraction without affecting the production systems.

Manage growth
Scalability and system elasticity

A VNA is a long-term investment. Over time, your storage strategy may change. The amount of data you need to store will most likely grow, with new departments added along the way. You might also acquire other hospitals whose data need to be consolidated. The Sectra VNA meets these challenges, bringing you cost benefits along the way.

A storage agnostic archive

Sectra's VNA is designed to meet both today's and tomorrow's storage needs. The amount of data stored in medical archives is increasing rapidly as higher resolutions and new technology emerge. Take pathology, for example, which is about to be digitized in many countries. This will require extensive capabilities for dealing with huge amounts of data – with single files often as large as 1 GB.

Sectra VNA is storage-neutral, supporting your existing or future storage strategy – regardless of your choice of vendor and whether your storage is local, central or cloud-based. This gives you freedom when the time comes to expand storage.

Sectra VNA also features sophisticated Information Life Cycle Management (ILM), taking into account clinical relevance, file age and last access, allowing you to increase the cost efficiency of your storage.

Flexible delivery models

Sectra VNA supports various delivery models – from traditional on-premise installations, where you are responsible for the hardware platform, all the way to software as a service (SaaS) delivered from fully managed off-site data centers. The cloud-based delivery model makes the VNA extremely flexible in terms of scalability. The result? Reduced need for continuous capital investments, and a much smaller storage footprint on-site.

Supporting mergers and acquisitions

In a growing organization, mergers and acquisitions could further amplify the need for expanded storage capabilities. Consolidation is often the long-term goal, but in the short-term that might not be possible. Sectra VNA offers the means to both share data efficiently between different systems, and to migrate other archives in a structured way. The migration tools available in our VNA allow you to increase the speed of data transfer during off-peak hours, for example, and assign higher priority in the migration queue to data used in ongoing care processes. This ensures you maintain the same performance and quality of service during data migration as you would during normal operations.

Manage risk
Security and business continuity

> The robustness of Sectra's solutions provides industry-leading uptimes with low maintenance costs. And thanks to a robust project methodology, based on over 20 years' experience, we have an implementation record that is hard to beat.

Disaster resilience

Designed for 24/7 operations, the Sectra VNA takes redundancy, emergency failover systems and rapid disaster recovery into account – minimizing the risk and impact of failure.

Patient privacy and access rights

As departmental systems are consolidated, users have greater access to information, making patient privacy an important aspect of the VNA strategy. To ensure a record is kept of who reads or sees what information, and when and under which conditions this occurs, Sectra VNA includes a log service in adherence to the IHE Audit Record Repository, a part of the ATNA profile.

Stay future-proof without forklift upgrades

With Sectra VNA, upgrade subscriptions ensure access to the most recent improvements and technology at a predictable cost. Sectra also has a long track record of upgrading and migrating large hospital systems without interrupting business continuity.

Sectra monitoring

Our 24/7 cost-efficient remote-monitoring service allows us to detect potential problems even before you do. The service enables automatic alert-escalation warnings about potential issues such as full disks or failed backups.

THE KNOWLEDGE TO MEET EXPECTATIONS.
THE PASSION TO EXCEED THEM.

Each and every one of us working at Sectra is driven to make a real difference in everything we do. It is that difference that you, and in turn, your patients, perceive as added value over and above the solutions we deliver.

Since our first PACS deployment in the early 1990s, our focus has been solely on imaging IT products and innovation. Through experienced cooperative teamwork, we provide a better working environment for you, which ultimately results in enhanced, more effective care for your patients. Perhaps that is one of the reasons why our solutions are used so successfully by more than 1,700 healthcare providers worldwide.

KEY REASONS FOR PARTNERING WITH SECTRA

- More than 20 years' experience as a leading innovator in medical imaging IT.
- Sectra PACS ranked "Best in KLAS" for two consecutive years - 2013 and 2014.
- High delivery reliability and a vast experience in migration and integration.
- Experience with a wide range of complex, large-scale solution deployments.
- Customer-driven development ensures efficient solutions that make a difference in our users' daily work.
- Close collaboration with research centers and universities to apply leading-edge technology.
- Strong, stable, public company founded in Sweden in 1978 with positive financial performance.

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