

# CSAM XDS SOLUTIONS

Complete Data Storage & Management in One User-Friendly Solution





## **Our Vision**

Healthcare information  
without boundaries

## **Our Mission**

Enabling excellent healthcare by  
providing innovative software solutions

## **Our Values**

Caring for life



# **Complete Solution for Patient Data Storage & Management**

CSAM XDS Suite is a central archive for storing and managing all types of clinical patient data. The platform conforms to the IHE (Integrating the Healthcare Enterprise) standard, providing secure storage and efficient file management for patient medical history, journals, images, videos, documents, reports, and more.

CSAM XDS Suite is comprised of two key components: CSAM XDS Repository, and CSAM XDS Registry, which make up the archive. Together, with CSAM XDS Consumer and CSAM XDS Source products, these components form a complete infrastructure for data storage and management.

CSAM XDS solutions aid healthcare professionals (HCPs) in managing the growing amount of digital patient information required in today's healthcare system. The solutions deliver secure information sharing and easy retrieval of critical patient information between healthcare organisations, regardless of the origin of the data.

# **Improves Quality of Care & Efficiency while Reducing Costs**

CSAM XDS Suite features a modern internet search technology that gives HCPs access to the right information at the right time, leading to increased patient safety, HCP efficiency, and reduced healthcare costs.

CSAM XDS Suite enhances the healthcare experience for patients by ensuring all of their medical information is available regardless of the healthcare provider they see. It improves patient safety by giving HCPs access to real-time patient medical data and enabling reliable patient identification.

By centralising patient information, CSAM XDS Suite eliminates the need for healthcare professionals to duplicate data manually in a patient's file and reduces the risk of missing updates of the data copied to different systems. It gives them the freedom to spend more time caring for their patients, and less time on administrative tasks. It also eliminates the duplication of referrals, examinations, and tests, leading to significant cost savings for healthcare providers.









# Seamless Integration for Connected Information Exchange

CSAM's XDS Suite is vendor neutral archive (VNA) that integrates with a variety of third-party products, delivering simple and cost-effective interoperability between vendors. It offers exceptional flexibility and local adaptation for users.

The system provides complete image sharing across all healthcare departments and organisations, from traditional modalities, such as X-ray, CT, and MRI, to the capturing and viewing of specialised (non-DICOM) images from cameras, scopes, and specialist equipment.

The system's XDS-I profile integrates with existing Picture Archive Communication Systems (PACS) within a hospital, clinic, or organisation, enabling long-term storage and use. It allows healthcare providers to store, access, and view all referrals, images, and reports with ease.

# **Scalability that Supports Customer Needs Today and in the Future**

The CSAM XDS platform is built with the most modern technology available. It is optimised for performance and able to handle a massive amount of data. The system can be scaled horizontally with no downtime to handle an increasing workload and many concurrent users. It is suitable for organisations of any size and scalable enough to act as an archive on a national level.

CSAM XDS was designed to address the needs and requirements of a diverse range of customers and systems, quickly integrating and adapting to any existing IT infrastructure. The system provides long-term storage based on well-known, reliable industry standards. It can also play a fundamental role in enabling organisations to gradually move towards a layered architecture by replacing one direct connection at a time.





**THE  
CSAM  
DIFFERENCE**

## **Proven Performance, Customer Focus**

CSAM delivers proven and well-established products within their Connected Healthcare portfolio. The company has a long history of providing innovative information sharing technologies with strong expertise in integration.

Headquartered in Oslo with offices in Sweden, Denmark and Finland, CSAM brings unparalleled local experience and expertise to every customer. CSAM partners with customers, listening and responding to their unique needs and requirements, to develop products that deliver the greatest value for their operations.

CSAM offers a full suite of XDS products and currently powers a complete information sharing network supporting the entire healthcare system in the Zealand Region of Denmark.



# Product features

## **Complete Data Storage & Management in One User-Friendly Solution**

CSAM XDS Suite is a central archive that allows users to store and quickly retrieve all patient medical data, including audio or video files, lab reports, and more, with no limitations on file size or content.

CSAM XDS Suite includes two products: CSAM XDS Repository and CSAM XDS Registry, which make up the XDS archive. Together with CSAM XDS Consumer and CSAM XDS Source products, they form a complete infrastructure for data storage and management. CSAM provides a variety of XDS options, with the ability to deliver anything from individual building blocks of the XDS system to a complete and fully integrated XDS solution.

## **Advantages of CSAM XDS Specialised Technology:**

### **CSAM XDS Consumer Offers User-Friendly Functionality**

CSAM XDS Consumer is a stand-alone solution that enables users to search and read data stored in the XDS archive quickly and easily. It's user-friendly interface and functionality make it simple for healthcare professionals to find and access the data they need at the point of care.

The CSAM XDS Consumer module also ensures the safety and security of confidential patient data. The system is built using a stack of authentication modules requiring users to be authenticated by one or several modules before accessing patient information.





### **CSAM XDS Source Provides Comprehensive Data Collection**

CSAM XDS Source consists of several stand-alone products that fill the XDS archive with documents. CSAM offers several XDS Source products to meet any customer's needs, including Infobroker, Picsara, and Medimaker.

CSAM Infobroker acts as an XDS Source for all referrals and reports from integrated Radiology Information Systems (RIS) and also synchronises the content with Picture Archive Communication Systems (PACS). CSAM Picsara and CSAM Medimaker are non-radiology medical media management solutions that offer a number of unique features and customised functionality, supporting healthcare professional's workflow and multimedia management requirements.

### **CSAM XDS Suite Includes a Comprehensive Repository & Registry**

CSAM XDS Suite includes CSAM XDS Repository and CSAM XDS Registry which together form the archive. By using these components together as a single product, installation and monitoring are significantly more efficient, and costs are reduced with the sharing of hardware resources. The system is also designed for public or private clouds, making it flexible and scalable to any organisation or increase in users, traffic, or data storage requirements.

CSAM XDS Suite includes an extensive performance and monitoring tool for administrators to monitor historical performance and response times of the system.

### **CSAM XDS Repository Enables Unlimited Multimedia Storage**

CSAM XDS Repository is the primary storage area for patient medical information and documents. The central feature of the CSAM XDS Repository is the ability to store incredibly large amounts of data or information, including HD/4K video and pathology slides

### **CSAM XDS Registry Provides Quick Access to Stored Data**

CSAM XDS Registry is an index service, like the yellow pages of XDS, containing data and the location of all the documents in the installation. It provides a standard search interface for a consumer to find and access the data stored in the repository.



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