

# CSAM MEDIMAKER

The Most Comprehensive Image Management & Workflow Solution





## **Our Vision**

Healthcare information  
without boundaries

## **Our Mission**

Enabling excellent healthcare by  
providing innovative software solutions

## **Our Values**

Caring for life



# **The Most Comprehensive Image Management & Workflow Solution**

CSAM Medimaker is a web-based imaging solution for complete multimedia management, including image viewing, production, reports, and archiving. The system enables image capture, storing, and archiving in real-time, supporting fast, secure, and cost-effective information sharing.

Designed with the end user's work processes in mind, CSAM Medimaker is an easy-to-use system that supports a broad range of medical disciplines, medical devices, and types of media. It integrates with existing information systems and is easily customisable to fit an organisation's standard workflow.

CSAM Medimaker works with CSAM CIMA (clinical imaging mobile application) to allow medical professionals to capture photos or video using a mobile device and transfer the data directly to CSAM Medimaker where it can be integrated with a patient's electronic health record (EHR).

CSAM Medimaker assists healthcare providers in the sharing of clinical images that are critical for diagnosis and complete patient records, enabling a high quality of care.

# **Customised Functionality that Delivers Efficient & Effective Workflows**

CSAM Medimaker was designed to facilitate a healthcare professional's existing medical treatment process, providing optimal support for the daily work processes of users and organisations. The system's customised functionality supports the complete medical imaging workflow - from order creation to distribution viewing.

CSAM Medimaker features sophisticated structured diagnostic report templates that make the treatment process more fluid and reliable, allowing healthcare providers to quickly and easily document findings. The state-of-the-art solution offers versatile functionality that enhances the medical treatment processes, both during and after diagnosis.

The system also includes an advanced E-Consultation system, which enables remote consultations on medical images, independent of time and place. Consultation requests can be made directly from the image diagnosis view, improving the handling of urgent or time-sensitive image consultation and review.





# Seamless Integration for Easy Information Exchange

CSAM Medimaker is a fully integrated solution that facilitates all levels of data capture, storage, and archiving within a medical facility. The solution integrates with hospital imaging devices and equipment, which enables image production, diagnosis, statements, and archiving.

CSAM Medimaker is compatible with any visible light and ultrasound imaging modality, making it ideal for a variety of medical specialities. It is successfully used in ultrasound, endoscopy (RIS/HIS), ophthalmology, skin diseases, and more.

The solution integrates closely with an organisation's existing information systems, including electronic patient records (EPRs) and patient information systems. CSAM Medimaker also allows integration with the regional and national archiving solution, such as XDS and PACS, enabling long-term storage use.

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

CSAM Medimaker is a flexible and scalable web-based solution that can be adjusted to fit the needs of any organisation or environment. The solution is individually tailored for each user environment and its requirements and can be easily scaled to any increase in users or traffic. Today, the system supports thousands of users sharing millions of images.

CSAM Medimaker can also be delivered as a SaaS (Software as Service) platform, providing organisations with complete technical security and cost-effective implementation. It provides the opportunity to deliver best-in-class imaging workflow support, with the flexibility and adaptability to grow with any organisational or health system change.





**THE  
CSAM  
DIFFERENCE**

## **Proven Performance, Customer Focus**

CSAM delivers proven and well-established imaging solutions in several countries within a variety of medical disciplines. Headquartered in Oslo with offices in Sweden, Denmark, and Finland, CSAM brings unparalleled local experience and expertise to every customer.

CSAM Medimaker was developed and is continuously updated in cooperation with practising physicians and nurses. CSAM partners with customers, listening and responding to their unique needs and requirements, to develop products that deliver the greatest value for their operations.

As with all of CSAM's products, CSAM Medimaker adheres to the highest standards of quality. CSAM Medimaker is a CE-certified class IIa medical device approved for clinical use and undergoes ongoing and rigorous testing.

# Product features

## **Complete Workflow Support for Image Capture, Storage, & Archiving**

CSAM Medimaker is a complete web-based imaging solution that enables fast and secure image capture, storing, and archiving in real-time. The system suits all disciplines, enabling image capture from a variety of different devices. CSAM Medimaker delivers quick and cost-effective workflows by integrating seamlessly with existing information systems.

The system contains four key components: a web interface for multimedia archive, Java web start application for capturing and viewing, one integration component that configures to any integration, and advanced administrative tools.

## **Advantages of CSAM Medimaker's Specialised Technology:**

### **Clinical Workflow Support**

CSAM Medimaker features highly configurable workflows that are optimised for clinical media capture and analysis. The system makes it easy to fill out diagnostic reports, creating a fast, dependable, and standardised process. It supports the complete workflow, from order creation to distributed viewing.

CSAM Medimaker also features E-Consultation, a centralised, web-based system for remote consultation on medical images, enabling remote consultations independent of time and place.





### **Advanced Multimedia Management**

CSAM Medimaker allows users to manipulate, analyse, and perform measurements on images. It also provides users with the ability to compare previous images of the same patient, such as before and after treatment, or reference images.

The system allows large quantities of images to be organised, stored, and shared with other users in a central database. It features mass storage which enables fast medical field and patient-specific storage of images or scanned documents in an archive.

### **Integration with Cooperating Technology**

CSAM Medimaker Integrates easily with dozens of different media sources and hospital information systems, including electronic patient records (EPRs), HIS, laboratory systems, pathology systems, and more. The system works with any visible light and ultrasound imaging modality, and links images and texts automatically to a patient's medical records.

CSAM Medimaker integrates with an organisation's existing archiving solution, including PACS or XDS archives for long-term storage use. The system includes an appointment management function that allows users to book appointments directly or retrieve appointment data from other appointment management systems. It supports multimedia (audio video, documents, and images) and DICOM files.

### **Safe & Secure Patient Data**

CSAM Medimaker features advanced security to safeguard confidential patient data with secure log-in and configurable access rights. The system's archive structure limits user rights according to particular fields so that images in a specific field (for example, gynaecological images) are only accessible to the appropriate users.

### **Convenient Reporting & Administrative Tools**

CSAM Medimaker features sophisticated structured diagnostic report templates that make the treatment process more fluid and reliable. Adjustments can be made to report templates to ensure optimal fit with organisational needs.

The system includes a case library of images useful for future learning or training of medical and nurse students. It assists in academic research with functionality to search examinations with multiple variables and anonymised results. It also enables data entered and saved in diagnostic reports to be retrieved and used for statistical purposes, monitoring or quality assurance.

CSAM Medimaker also includes web-interfaces for administrators to add or modify users, manage user and group rights, as well as multimedia archive and report templates.

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