EC Store™

ECG Management System

CARDIOLEX

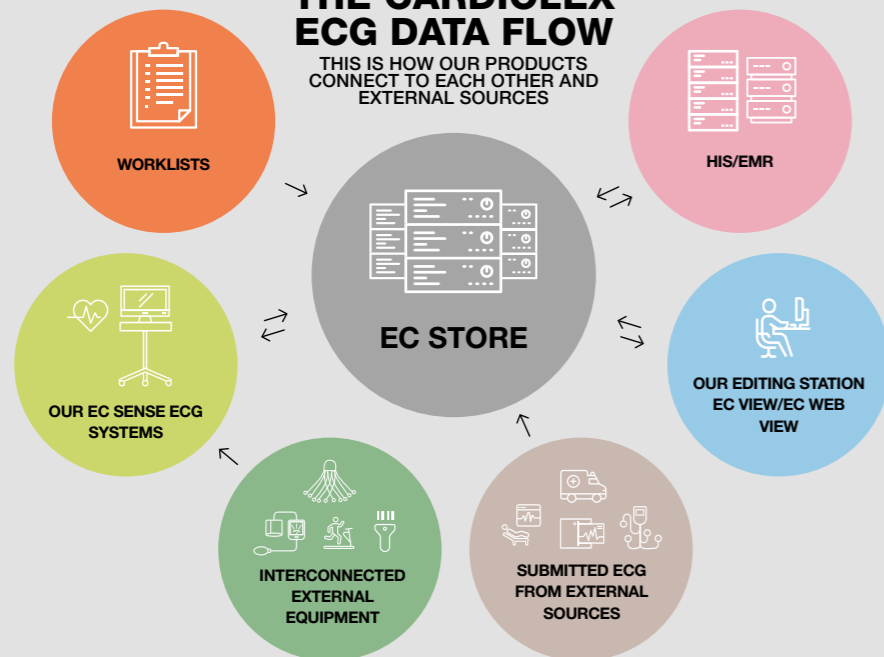EASY TO USE ECG

EC Store™

(Catalogue no: CN ST-A)

EC Store is a modern ECG management system for communication and storage across platforms. It holds various interfaces to handle bidirectional communication with interconnected equipment and information systems, streamlining your workflow. EC Store is a Vendor Neutral Archive (VNA) and can be used together with existing equipment. The examinations are stored with full disclosure and are handled in the same manner as in the devices.

Streamline your digital workflow!
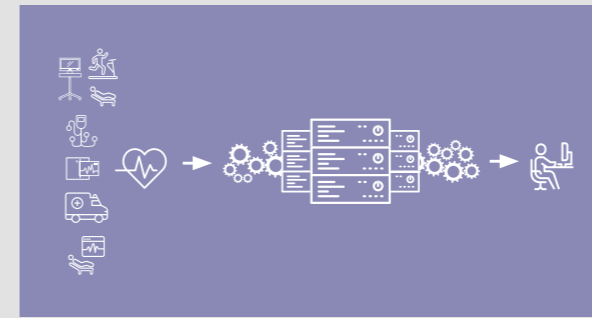
BENEFITS WITH EC STORE

| CONFIGURABLE | EASY TO USE | EFFICIENT | SCALABLE & FLEXIBLE | SECURE | STANDARD COMPONENTS | HIGH QUALITY |

THE CARDIOLEX ECG DATA FLOW

THIS IS HOW OUR PRODUCTS CONNECT TO EACH OTHER AND EXTERNAL SOURCES

- WORKLISTS
- HIS/EMR
- EC STORE
- OUR EDITING STATION EC VIEW/EC WEB VIEW
- OUR EC SENSE ECG SYSTEMS
- INTERCONNECTED EXTERNAL EQUIPMENT
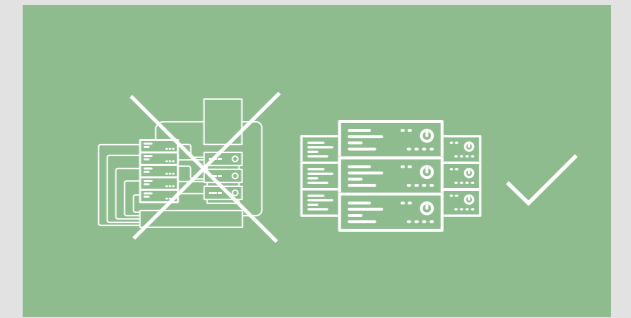- SUBMITTED ECG FROM EXTERNAL SOURCES

CONFIGURABLE

EC Store is a two-part feature, where the core is various interfaces to handle incoming and outgoing information from interconnected equipment and information systems. It can be configured to include bidirectional communication with other databases: EMR, PACS, HIS, other hospital informatics solutions and other ECG management systems. EC Store supports communication with worklist servers to provide our EC Sense ECG systems with worklists. EC Store holds bidirectional communication for storage and retrieval of ECG examinations from EC Sense, as well as with our editing stations, EC View. EC Store can receive and transform data from other equipment: Ambulatory ECG, Holter ECG, Monitoring ECG and Third party ECG. The data can either be stored in an EC Store database, or a different database such as PACS.

EC STORE MAKES IT EASY FOR THE USER

EC Store is an effective, transparent ECG management system. The recognition factor for the operator is high since the presentation of ECG is identical regardless of the source, streamlining the assessments. EC Store interfaces with various types of worklists enabling access from the EC Sense ECG systems. The bidirectional interface to public records ensures correct patient data and automates the workflow. EC Store also holds bidirectional workflow with journal systems and patient records. Little training is needed with the intuitive design. The user interface is simple to administrate.

EFFICIENT

EC Store holds automatic communication with HIS and public records, increasing efficiency for the operator. The simplified workflow decreases examination time and prevents manual entry mistakes. Older exams and reports are loaded automatically for comparison. EC Store can notify external systems with an adaptable communication. Entries from a statement and measured values can be transmitted to a referral system. EC Store is a cost effective solution that minimizes human error. Streamline your digital workflow!

SCALABLE & FLEXIBLE

EC Store is designed to scale from small clinics to university hospitals. During installation it is configured for the performance of your demand. EC Store is flexible and can expand and adapt if the needs or applications change. The included web client is environment independent, allowing all devices including tablets and smartphones access to ECG data without installing proprietary software.
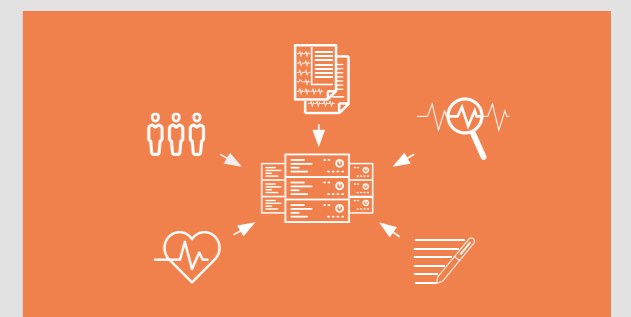
SECURE

EC View uses authorization based on active directory with single-sign-on, resulting in fast and secure access for the operator. The digital flow minimize printouts, ensuring that only authorized users can access the data. Audit logs are used to track all accesses. The logs show the date, time, and username of every attempted log on, both successful and failed.

STANDARD COMPONENTS

EC Store is installed using the existing infrastructure (both Windows-servers and SQL-servers). This ensures that the IT department can manage the servers with minimal additional training. EC Store is a Vendor Neutral Archive (VNA) allowing connections to other data management systems. The ECG data is stored in standard formats: DICOM, HL7, XML etc...

HIGH QUALITY

EC Store holds complete records of examinations in high quality so that no information is lost. Patient information, reports, critical values, notes etc. are stored along with the examination, providing full disclosure.

CARDIOLEX

EASY TO USE ECG

Cardiolex Medical AB develops and markets easy to use systems for ECG. Our ECG management system and various ECG systems exist on 2/3 of Swedish hospitals, which means that the system has over 10 000 users in Sweden. We offer a complete solution within ECG, from the systems receiving the ECG signal from the patient to the ECG management systems, storing and managing generated data. Our products work for a wide range of users, from University hospitals to small clinics. Our focus is on creating ECG solutions that are user-friendly, reliable and secure. Read more about our products on www.cardiolex.com.

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