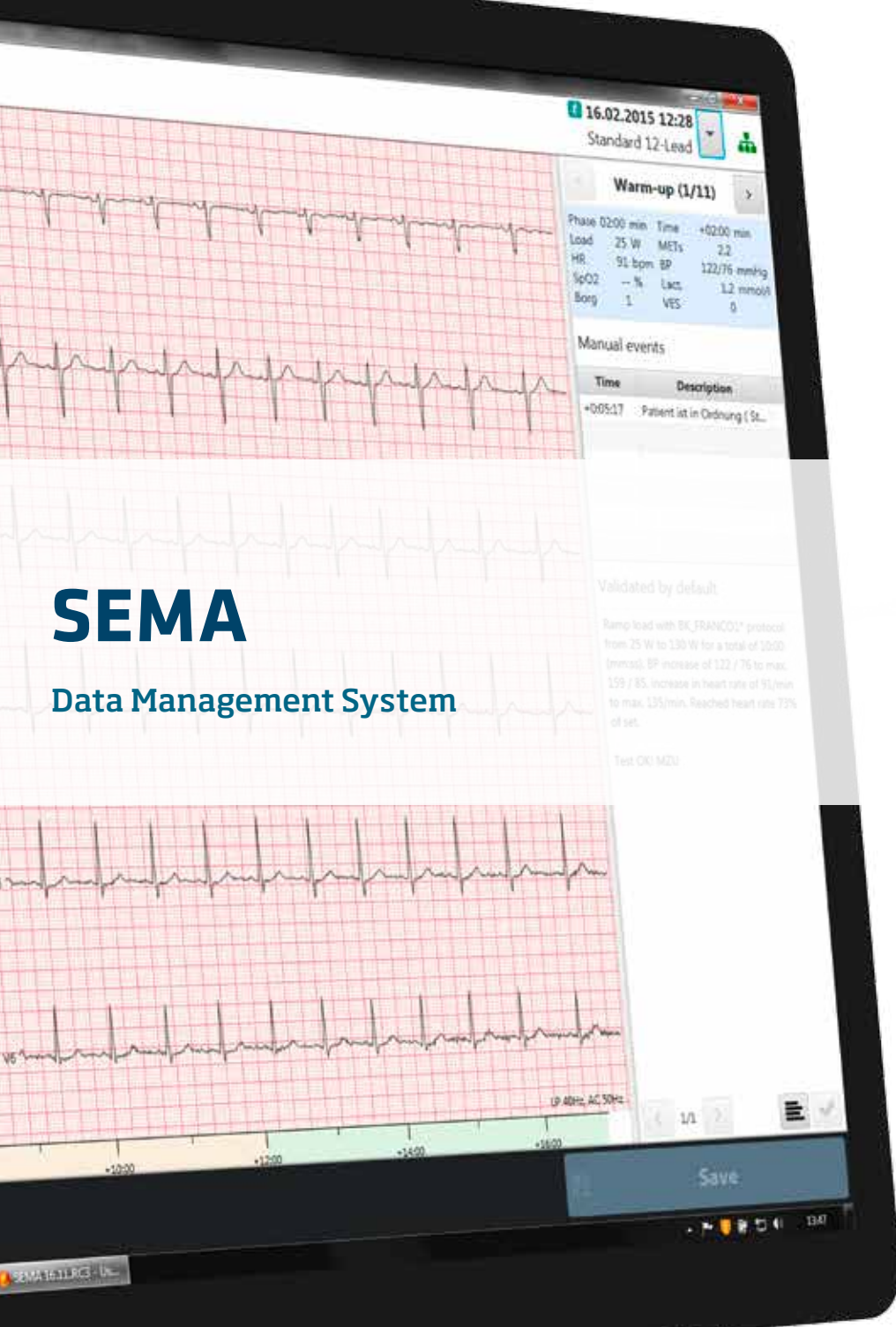


SEMA

Data Management System



SEMA

Enhanced with the latest technological evolution, SCHILLER's renowned data management system SEMA satisfies users' needs from the physician's office to the most complex hospital environment.

REVIEW ECGS ANYTIME, ANYWHERE



SEMA LIBERTY MOBILE

SEMA Liberty Mobile allows remote data review from your tablet or smartphone, for all recording types.

Simply log in with username and password, search for a patient name or ID and click on the recording of interest.

FULL INTEGRATION: SEMA supports bi-directional communication to all SCHILLER devices as well as seamless integration in hospital information systems and archives, allowing maximum efficiency in patient treatment and time saving for the institution.

CLINICAL EFFICIENCY: SEMA allows the user to complete work processes in a few clicks thanks to advanced tools like the inbox (continuously updated recording list), batch editing, user-defined search criteria.

CUSTOMIZABLE: The new intuitive user interface offers the possibility to easily tailor screen layouts and workflows to the needs of every user. User-defined interpretation templates, acronyms and reports are available as well.

INCREASED SAFETY: Features such as role-based login, automatic log off, safety management and active directory offer optimal protection for archived data.

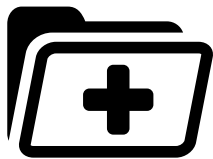
PACS

SEMA recordings can be exported in DICOM format and saved in a PACS archive. SEMA also supports the DICOM modality worklist functionality and is therefore able to communicate bi-directionally with a PACS server.



EMR

Data saved in SEMA can be accessed and viewed from EMR systems. Patient demographics and orders are also ensured.



RESTING ECG

SCHILLER's electrocardiographs bi-directionally communicate with SEMA. Patient demographic data and orders are quickly retrieved in the device. ECGs can be transmitted, stored and analyzed in SEMA.

HIS

SEMA supports two-way communication with hospital information systems retrieving patient demographics and orders, and exporting recordings in HL7 format, as well as results and waveforms.



RESCUE

From the simple AED to multiparameter monitor, the whole emergency and rescue line of SCHILLER products is compatible with SEMA.



SPIROMETRY

Pneumology results can be transmitted and stored in SEMA for review.



SEMA



HOLTER ECG AND ABPM

As soon as the recordings are analyzed in the dedicated DARWIN software, the reports will be sent to SEMA where it will be stored with all other recordings or forwarded to an EMR/ PACS.



CARDIOPULMONARY EXERCISE TESTING

Based on GANSHORN's latest technology, SCHILLER's CPET systems support two-way communication with SEMA.



EXERCISE ECG

Stress test reports can be finalised at the acquisition station, or conveniently at a networked SEMA workstation, where the complete test is available in editable format.





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