

SEMA

The SCHILLER Data Management System:
Manage, analyse, and store recordings in a few clicks

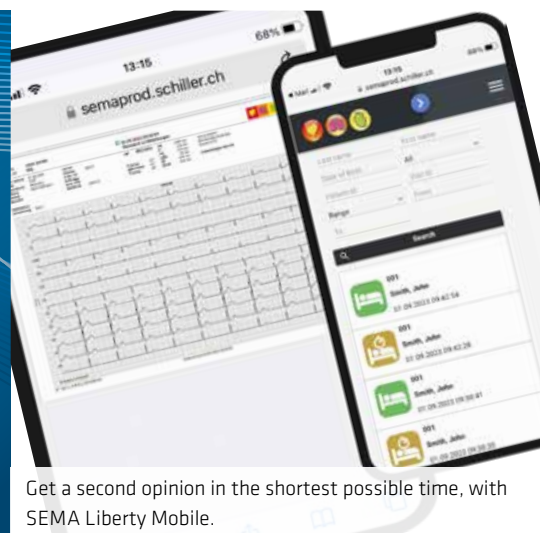
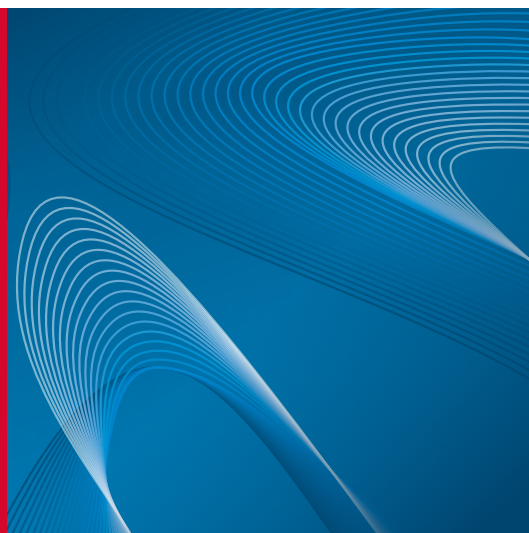


SCHILLER
The Art of Diagnostics

SEMA

SCHILLER's data management system SEMA:

- ✧ Manage, analyse, and store data acquired with connected SCHILLER devices
- ✧ Fully customisable data analysis workflow
- ✧ For physicians' offices up to the most complex hospital environments



Get a second opinion in the shortest possible time, with SEMA Liberty Mobile.

CLINICAL EFFICIENCY

The SEMA data management system allows the user to manage, analyse, and store recordings acquired with SCHILLER devices in a few clicks.

SEMA is designed to speed up work processes thanks to advanced tools like the inbox (continuously updated recording list), batch editing, and user-defined search criteria.

REVIEW ECGS ANYTIME, ANYWHERE

The password-protected web portal SEMA Liberty Mobile allows remote data review from your tablet or smartphone, for all recording types.

CUSTOMISABLE

- ✧ Easily tailor screen layouts and workflows to the needs of every user.
- ✧ User-defined interpretation templates, acronyms, and reports.
- ✧ The preferred language can be set per workplace.
- ✧ Each user can save their own start view and search filters.
- ✧ SEMA Office provides up to 20 workstation licenses and SEMA Enterprise offers an unlimited number of possible workstation licenses.

CONNECTIVITY BY SCHILLER

The SEMA system comprises the SCHILLER Server and the SEMA client installed on a PC. Recordings are stored in the SCHILLER Server database and accessed for viewing on a SEMA client. Users and user privileges are defined on the SCHILLER Server.

PROTECTED DATA

Be confident in the security of your patient data: With role-based user login and LDAP authentication, access to patient data is strictly controlled.

STRESS ECG AND CPET

Stress test reports can be finalised at the acquisition station, or conveniently at a SEMA workstation, where the complete test is available for analysis and reporting in editable format. CPET can also be reviewed and edited with SEMA/LFX.

RESTING ECG AND RESTING RHYTHM

Resting ECG and resting rhythm recordings from SCHILLER devices can be measured, analysed, and stored in SEMA. With the ECG Framer function, 10-second ECGs can be extracted from resting rhythm recordings, analysed, and transmitted to third-party systems.



HOLTER ECG AND ABPM

As soon as the recordings are analysed in the dedicated DARWIN2 software, the reports will be sent to SEMA, where they can be viewed and stored with all other recordings.



PULMONOLOGY

Pulmonary results, acquired with GANSHORN devices, can be transmitted and stored in SEMA for review.



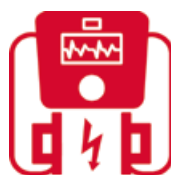
SPIROMETRY

Results of pulmonary function tests can be transmitted and stored in SEMA for review.



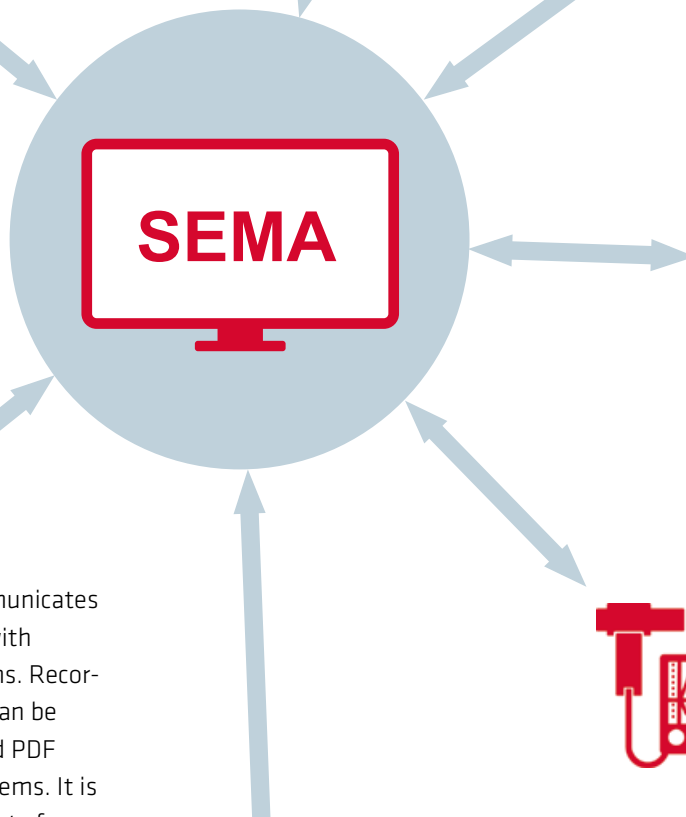
HIS/PACS/EMR

SEMA bi-directionally communicates through SCHILLER Server with PACS, HIS, and EMR systems. Recordings analysed and stored can be exported in DICOM, HL7, and PDF format into third-party systems. It is also possible to import reports from third-party manufacturers.



RESCUE

From the simple AED to a multiparameter monitor, intervention data recorded with all the SCHILLER emergency and rescue line products can be viewed in SEMA.





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