

HearSIM™

The Solution to manage your Hearing Screening Instruments

Designed for Newborn Hearing Screening

HearSIM™ is our state-of-the-art PC application to manage newborn hearing screening data and devices. The intuitive user interface helps you to focus on the important steps. It provides you the full picture of the screening status and allows you to quickly extract the needed details by multiple filter options.

In combination with the easyScreen, MAICO's most flexible newborn hearing screening device, this integrated solution is the first choice for screening programs.

If you're using MAICO's ERO-SCAN OAE Screener, you can benefit from the comprehensive data management options HearSIM™ is offering as well.

Tracking is the Key to Success

HearSIM™ ensures that screening results can be forwarded to dedicated tracking centers for follow-up on babies who need further evaluation of their hearing status. With the possibility to enter and export all required details, your screening program will be a full success!

EMR Integration

The OtoAccess® Database is used as backend to store all data securely. This database allows use of add-ons for EMR integration options via HL7 or GDT.

New patients get seamlessly added to the database and are immediately ready for screening. This reduces your workload and allows you to focus even more on the patients.

With a few steps full lists of patients who require screening can be imported from a file and transferred to your screening device.

Prepared for the Future

HearSIM™ provides full flexibility. The data management solution can be either installed on a local PC or on a server, to allow all departments to share their hearing screening data in one database. More client computers can be added if needed.

Features at a Glance

- Store, view and manage patient, test and tracking information
- Intuitive user interface
- Patient transfer to easyScreen and ERO-SCAN Screener
- Configure easyScreen devices
- HiTrack, OZ, CSV and XML tracking export
- Built on OtoAccess® Database
- Server client installation option
- EMR integration via Worklist HL7



Devices shown are not part of the scope of delivery.

Technical Data HearSIM™

SYSTEM REQUIREMENTS

- Operating system** Windows® 10 SP1 (x86 and x64)
- Required software** OtoAccess® Database 2.0 or higher
.NET 4.6.2 is required for the application to run
Windows® PowerShell

SUPPORTED MAICO DEVICES

- easyScreen ABR/OAE
- ERO-SCAN Screener OAE

EMR/EHR INTEGRATION

- GDT via OtoAccess® GDT Interface
- HL7 via Worklist HL7 add-on for OtoAccess® Database with server installation (order based HL7 2.x is supported)

TYPE OF TRACKING EXPORT

- CSV (HearSIM™ format)
- XML (HearSIM™ format)
- HiTrack
- OZ eSP™
- Possibility to encrypt or anonymize the data export.

TYPE OF PATIENT DATA IMPORT

- XML (HearSIM™ format)
- HiTrack

PC REQUIREMENTS

- Minimum x86 Processor 1.0 GHz, recommended Intel i5 or AMD A8 or greater.
- Minimum x64 Processor 1.4 GHz, recommended Intel i5 or AMD A8 or greater.
- Processor Type x64: AMD Opteron, AMD Athlon 64, Intel Xeon with Intel EM64T support, Intel Pentium IV with EM64T support (or newer).
- Processor Type x86: Pentium III-Compatible processor or faster.
- 4 GB RAM
- 3 GB available disk space
- USB port

DISPLAY REQUIREMENTS

The minimum resolution supported is WXGA (1280x768px)

LANGUAGES AVAILABLE

English, Chinese, Czech, German, Greek, French, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Russian, Slovenian, Spanish, Swedish, Turkish

DATA PRIVACY STANDARDS

- GDPR compliant
- HIPAA compliant
- FIPS compliant

Specifications are subject to change without notice.

