What's New

Primus

auditdata
Your Partner in Audiology Solutions

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1 Introduction

The purpose of this document is to give you an overview of the new features in Primus 3.2.0.0.

Please note this is NOT a mandatory update from the previous version, 3.2.0.0.

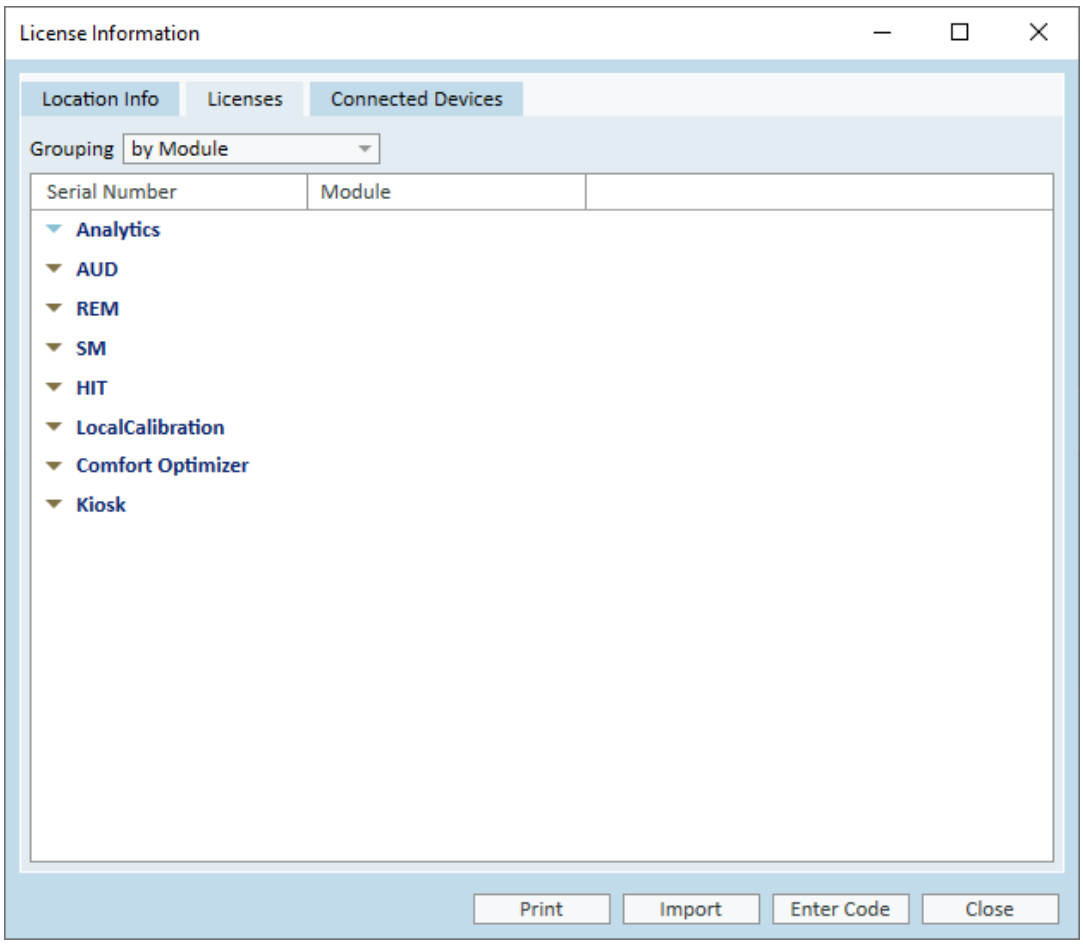
The first few sections give you a brief description of the most important new features. To get a full list of the enhancements and fixes done in this release, look at the Release Notes section.

2 License Information

The *License Information* dialog window has been reformatted to contain three tabs:

- **Location Information** (address details of the office)
- **Licenses** (available licenses that can either be grouped by Module or by Serial Number)
- **Connected Devices** (all connected transducers, fitting units, HIT unit)

Also, the name of the *Audiometry without high-frequency license* has been changed to *Audiometry STD*.

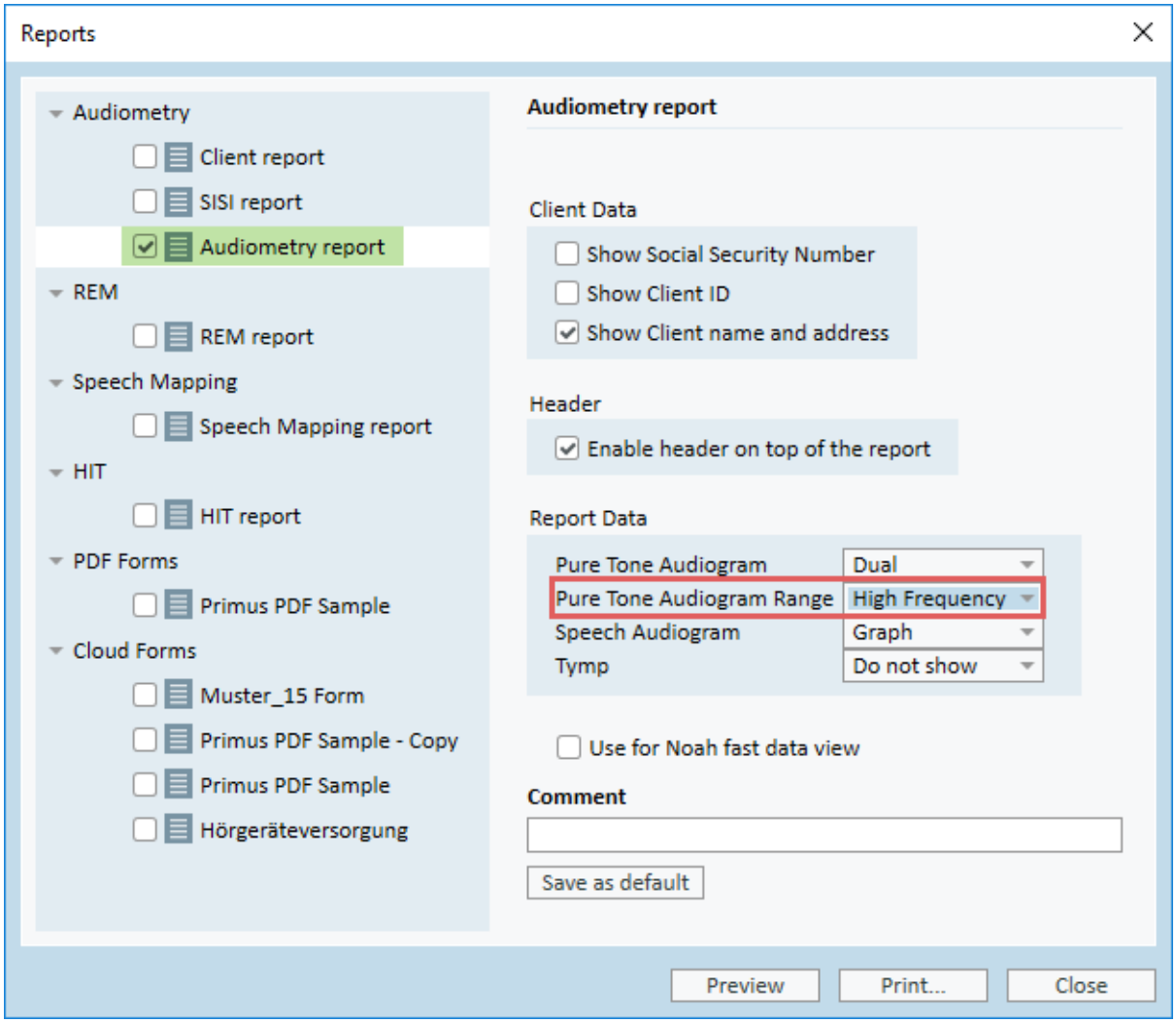


3 Audiometry

3.1 Audiometry Reports

High Frequency included in Audiometry Reports

The *Print* option allows printing and saving Audiometry reports for High Frequency Pure Tone Audiograms. You can access this option by clicking the corresponding icon ( ) in the Toolbar.

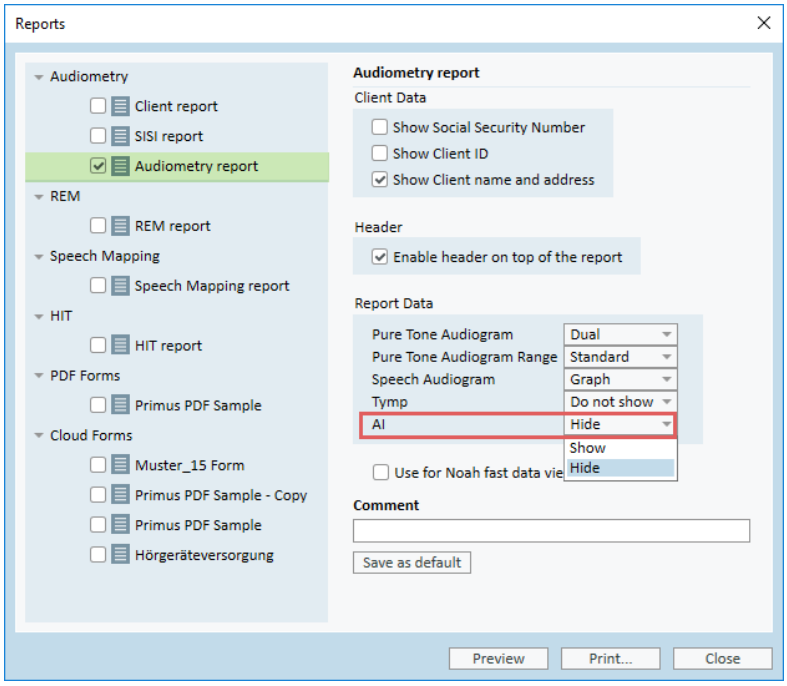


Hide Articulation Index in Audiometry Reports

When not in use, the *Articulation Index (AI)* figures can be hidden from display in Audiometry Reports.

Having called the *Reports window* from the Toolbar, navigate to *Audiometry > Audiometry Report > Report Data*.

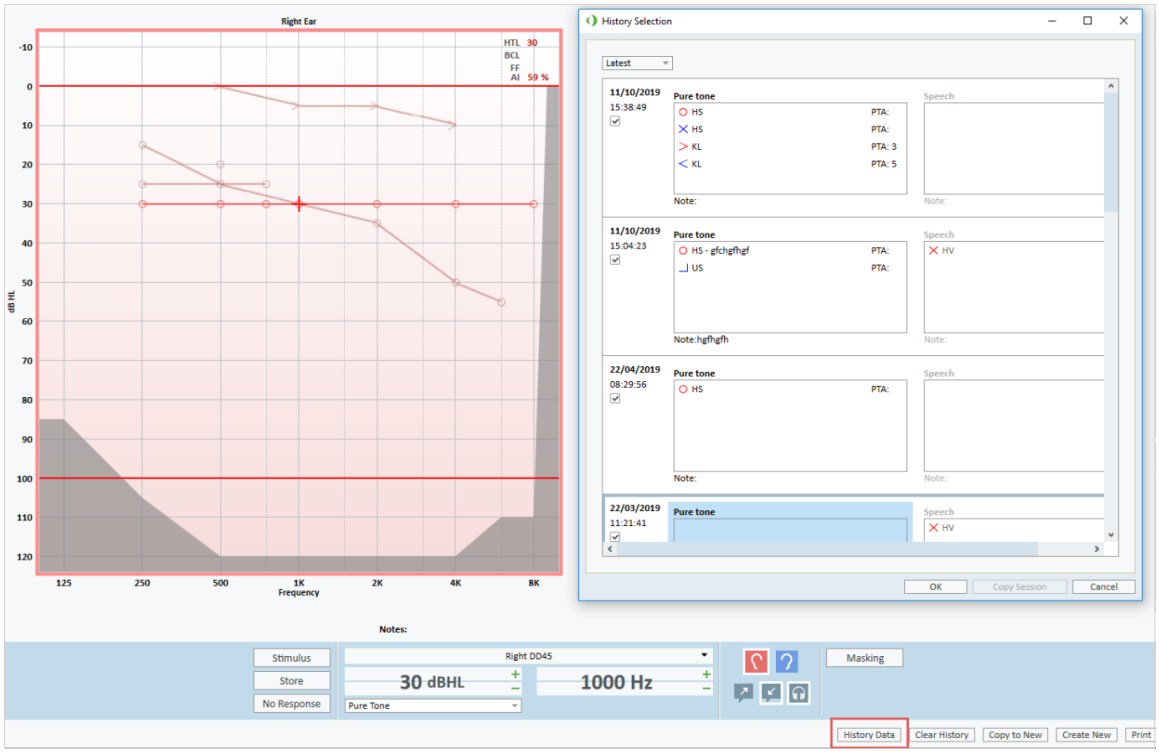
From the AI dropdown, select the **Hide** option.



3.2 Pure Tone Audiograms

Compare more than TWO older audiograms

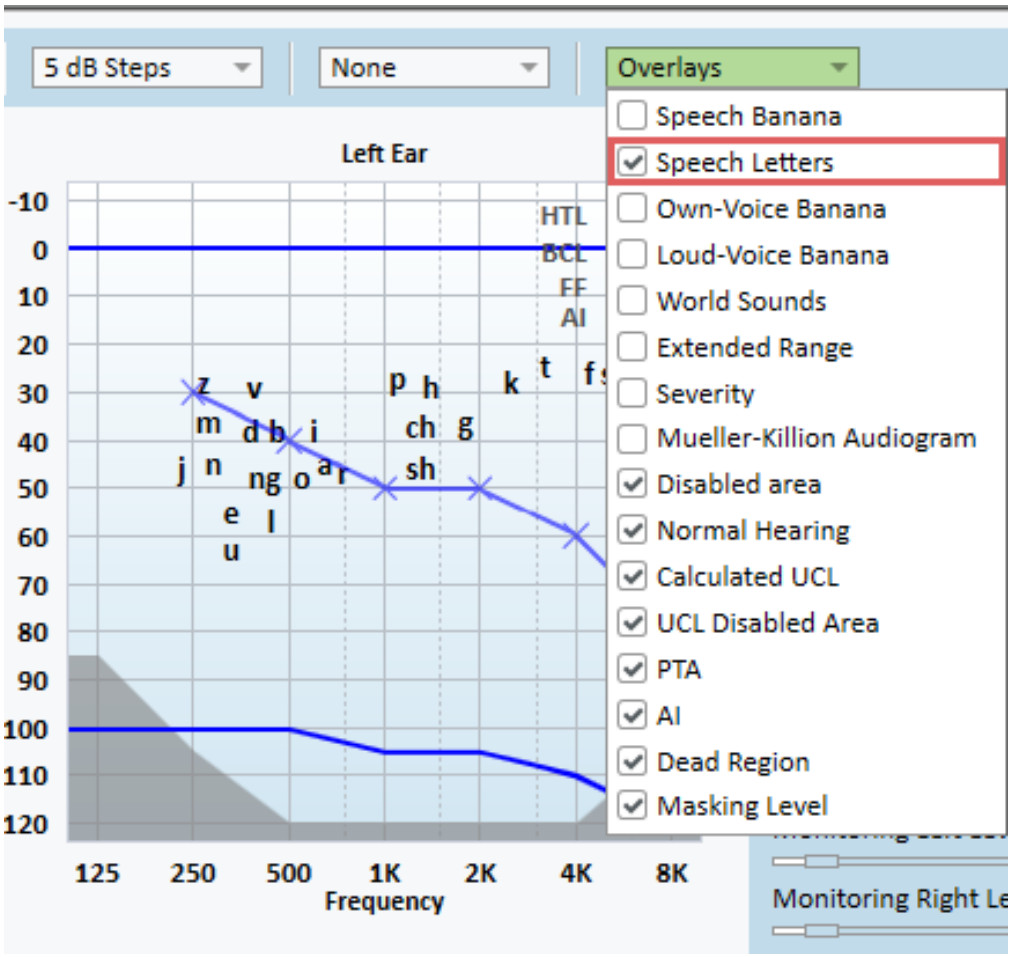
Users can compare the current *Pure Tone audiogram* with more than 2 older audiograms that are available from earlier sessions.



Overlays in Pure Tone

The *Overlays* option in *Pure Tone Audiometry* allows selecting **Speech Letters** for different languages.

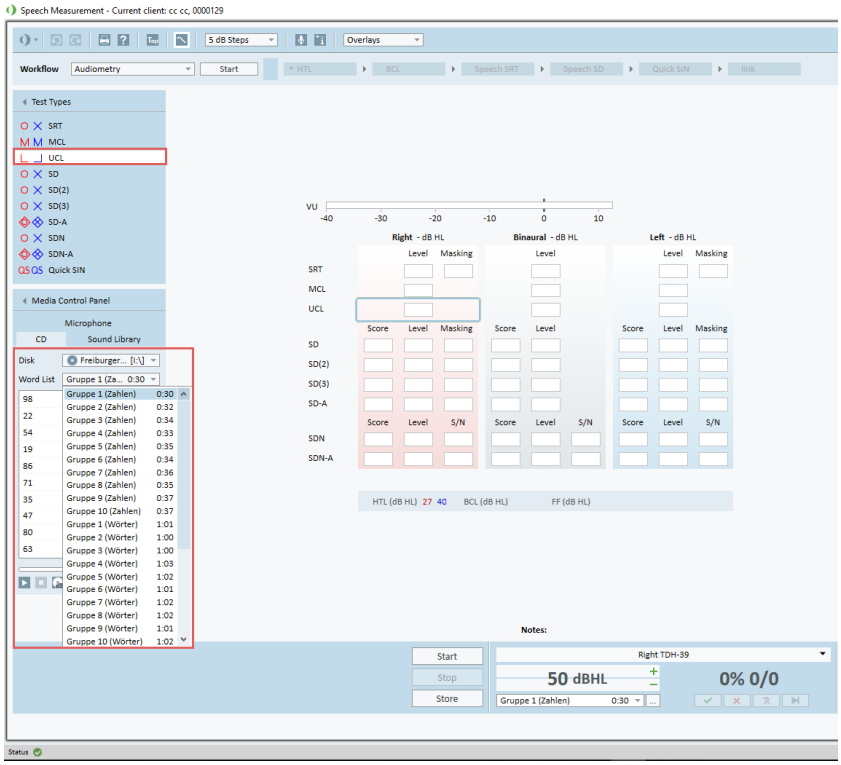
The Overlay letters that will be displayed on the Audiogram depend on the language settings of the application.



3.3 Measurements and Test Definitions

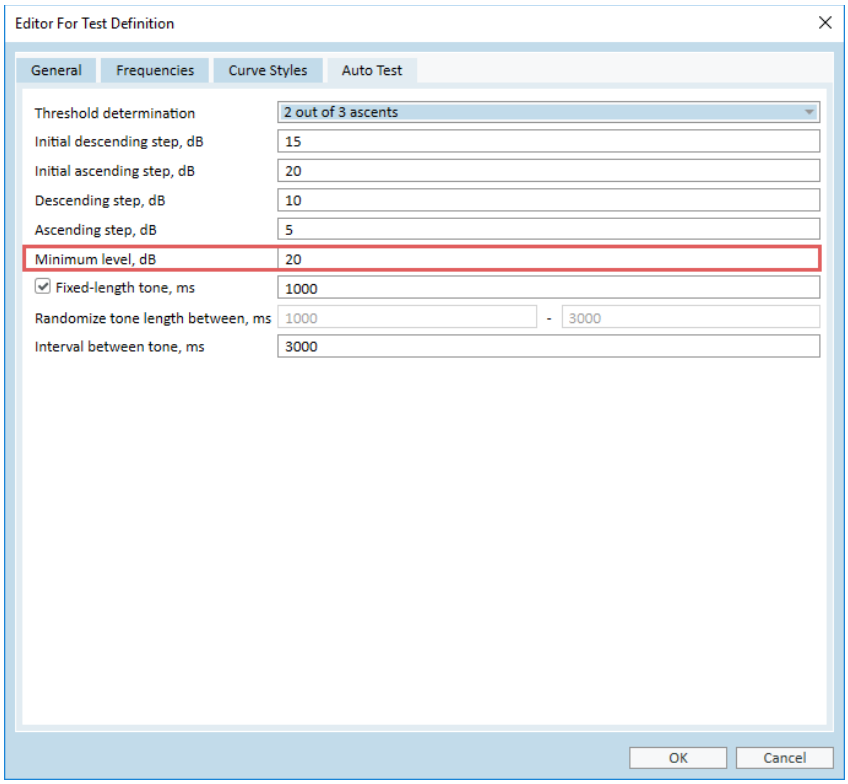
All Freiburger wordlists are now available for the UCL measurements

When conducting Freiburger tests, it is possible to use all Freiburger wordlists for the UCL measurements.



Define minimum level for Automated Tests

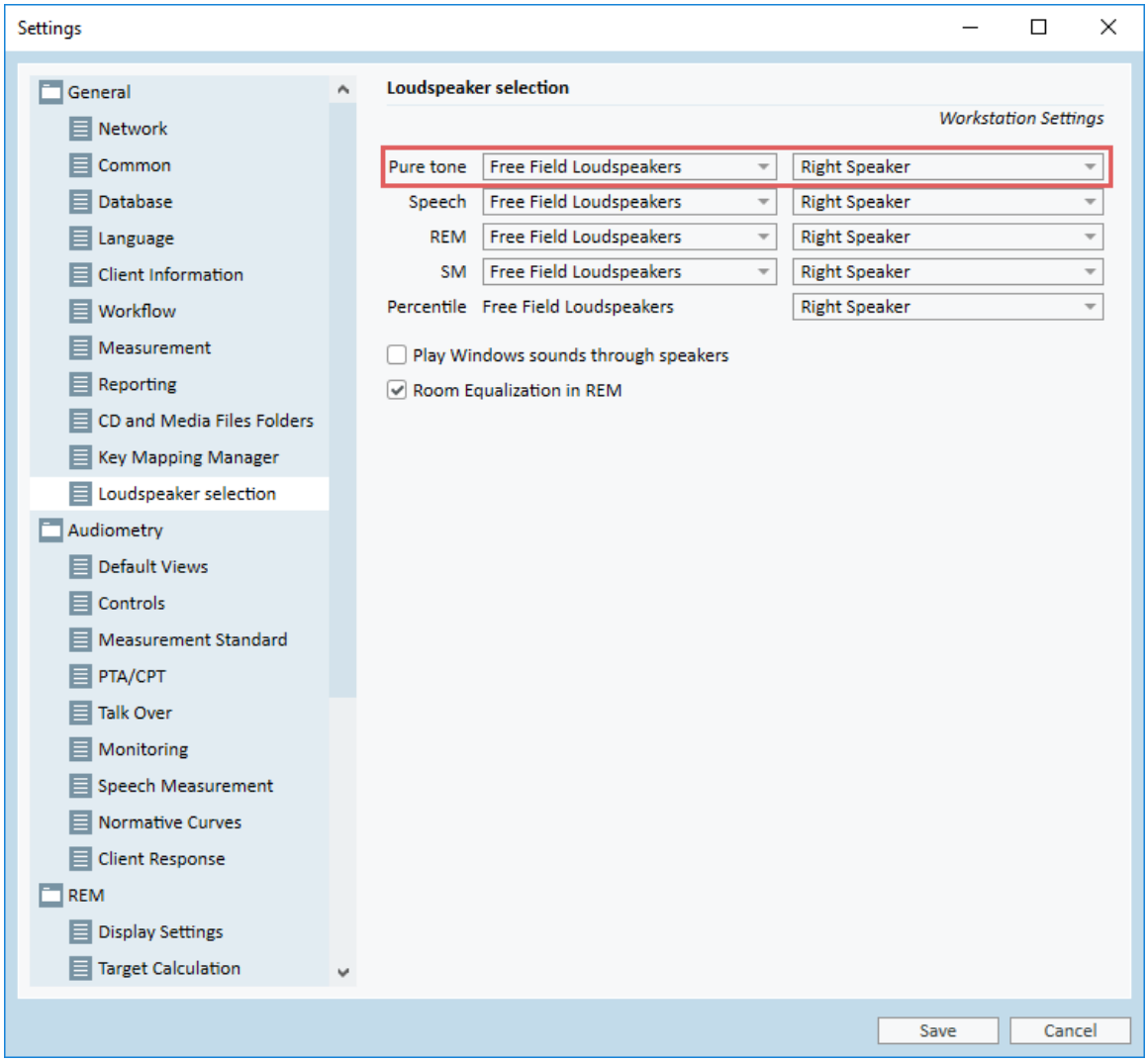
In order to speed up the Automated Pure Tone testing, Users can employ the **Minimum Level** (dB) setting in the *Test Definition Editor*. With the Minimum Loudness level defined, the test will stop as soon as the set level is reached.



3.4 Speakers and Transducers

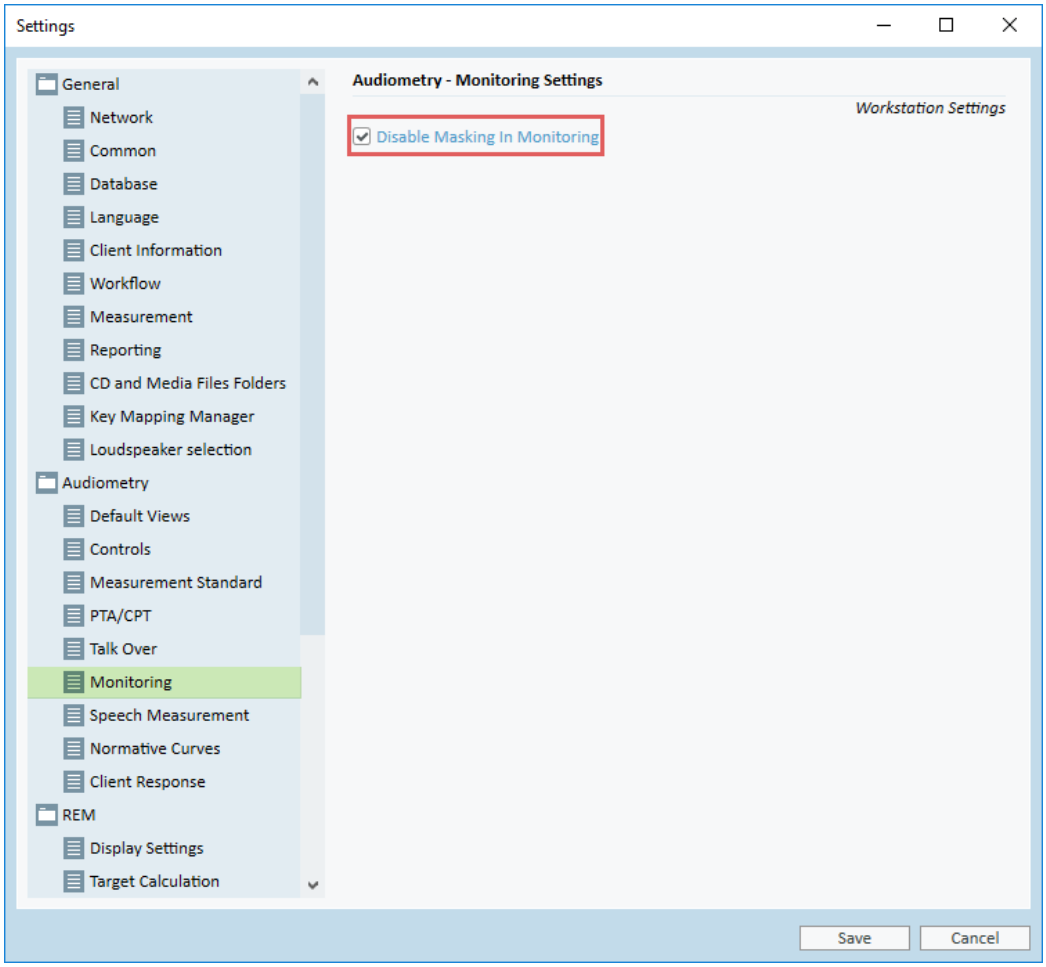
Pure Tone measurements with one speaker

It is possible to use ONE speaker to conduct Pure Tone Measurements. This way Masking and Stimuli can be played by the same output device.



Disable masking in Monitoring

Masking can optionally be disabled in the Monitoring headset via the *Audiometry Monitoring Settings*.



4 REM/SM

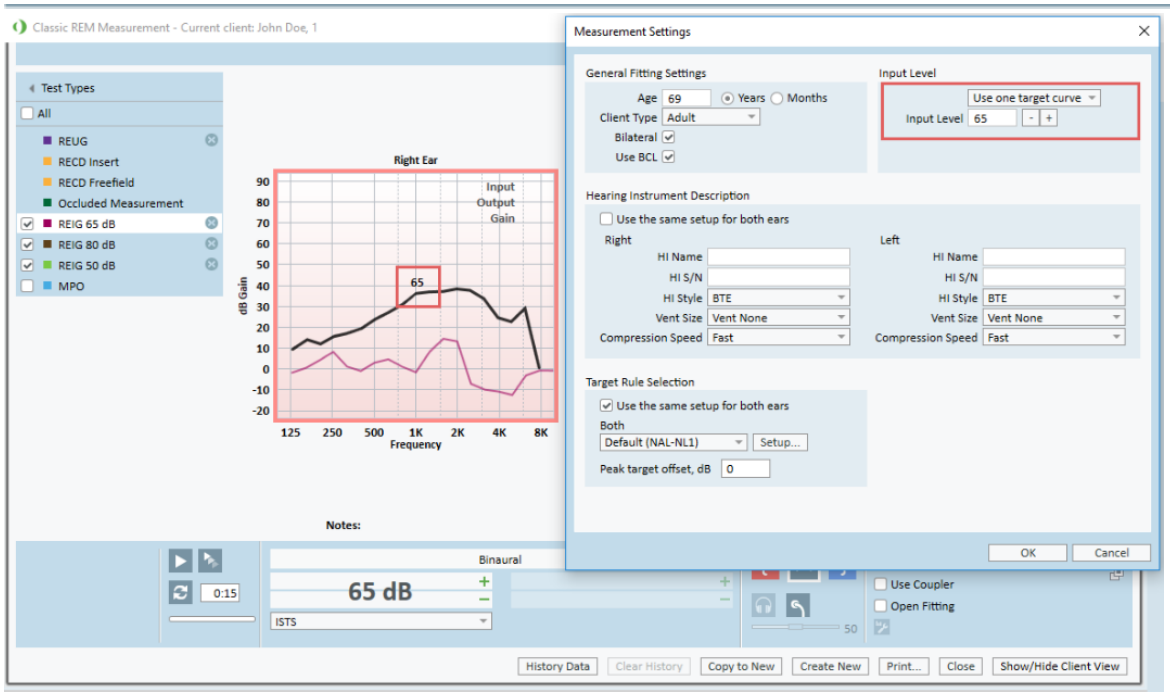
4.1 Target Settings

Show target values on REM/SM Audiograms

It is possible to display the Target measurement values on REM/SM Audiograms.

In the *Target window*, the Input Level can be configured to use ONE or THREE target curves built against a chosen value (or values) in dB.

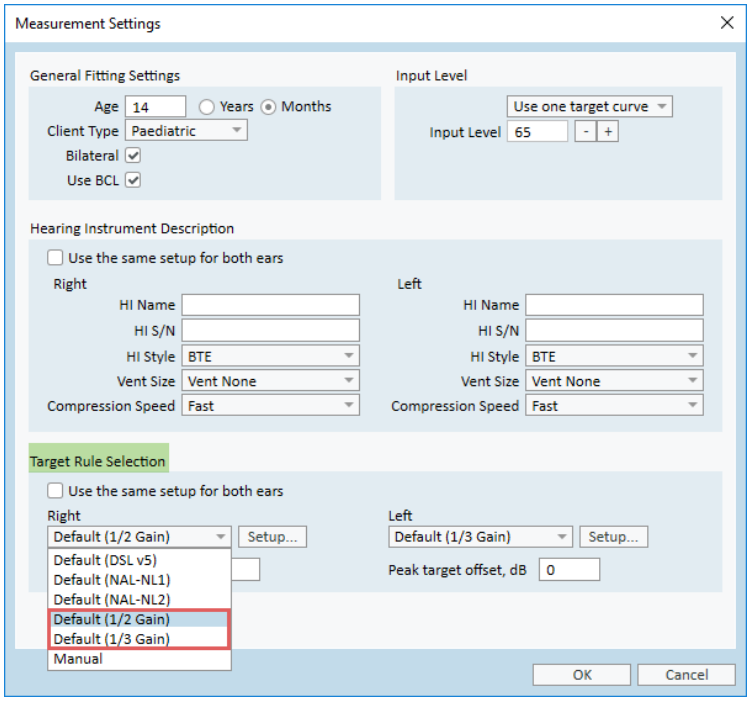
The specified Target value (or values) are now displayed on the Audiogram.



1/2 and 1/3 Gain Targets are now available

Measurement settings in the REM/SM modules have been extended to include 1/2 and 1/3 gain options. To access:

1. Go to the **REM/SM module**
2. Open the **Measurement window**
3. Click the **Target button**
4. From the dropdown in the *Target Rule Selection*, choose the corresponding **gain rule**

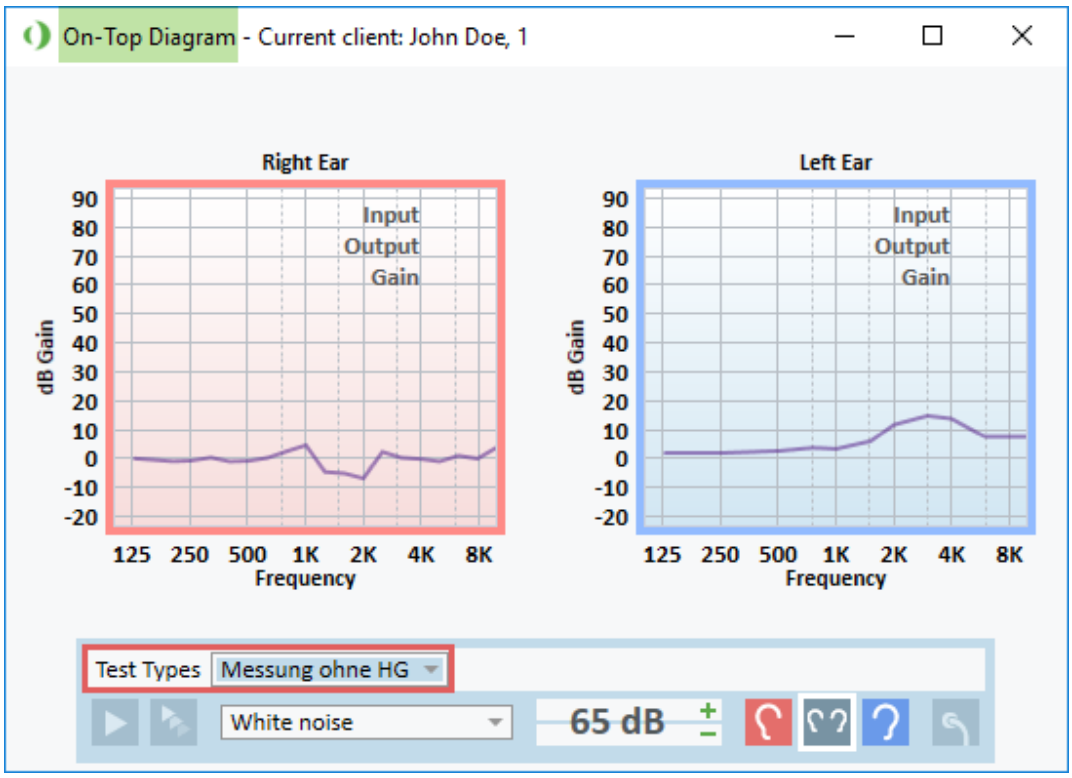


4.2 On-Top Mode

Switch between Test Types

In the "On Top" mode, it has become possible to switch to a different Test Type.

The **Top** icon ( ) in the Measurement window in REM/SM modules activates the "On Top" mode where another **Test Type** can be selected.

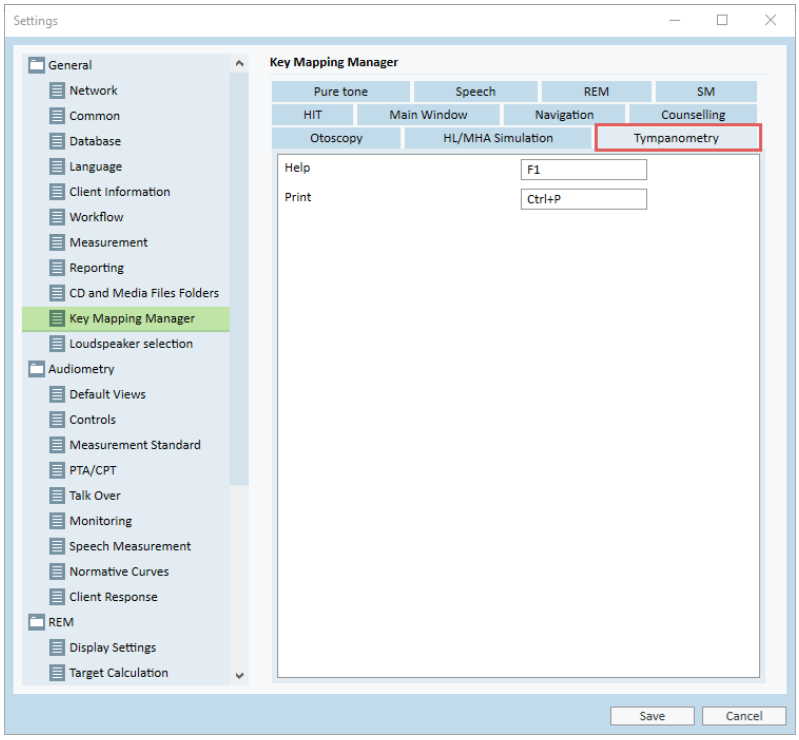


5 Tympanometry

A new shortcut tab for Tympanometry

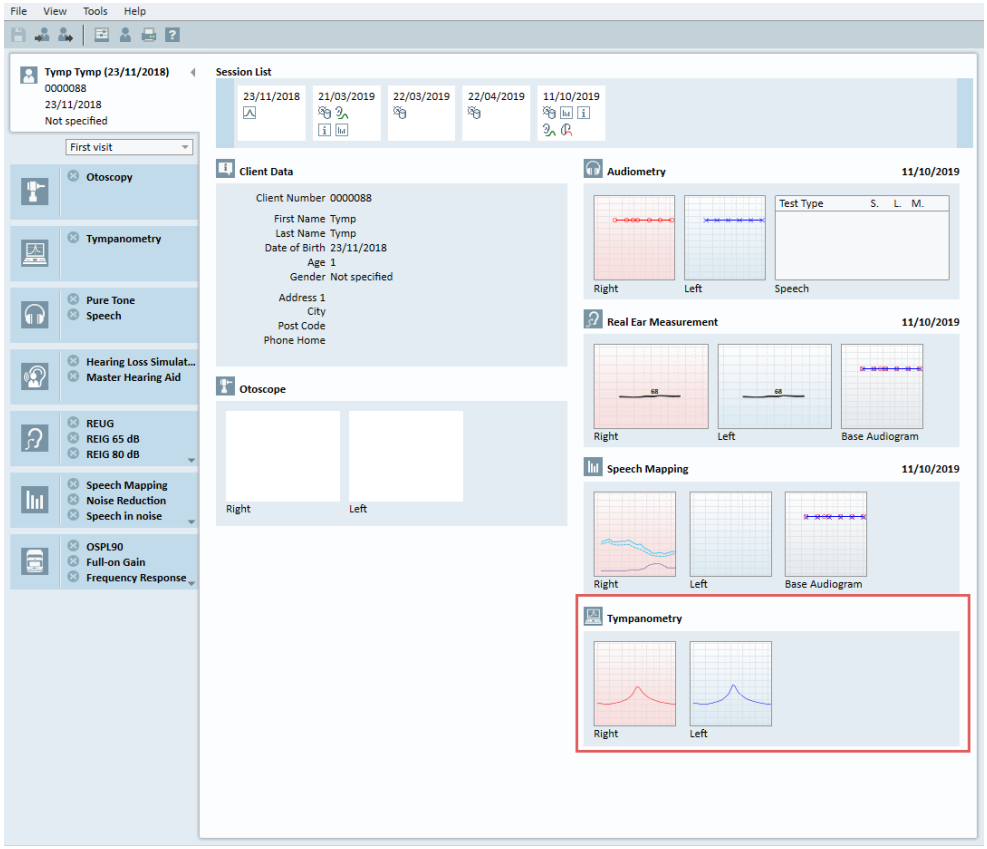
The *Key Mapping Manager* in the main Settings has been modified to include the Tympanometry shortcut tab, containing the following quick access options:

- Help (to access the Help manual from the Tympanometry module)
- Print (to print out tympanograms)



Tympanometry graph is shown on the Dashboard

When the Tympanometry Module is enabled, the last available Tympanometry graph is displayed on the dashboard.

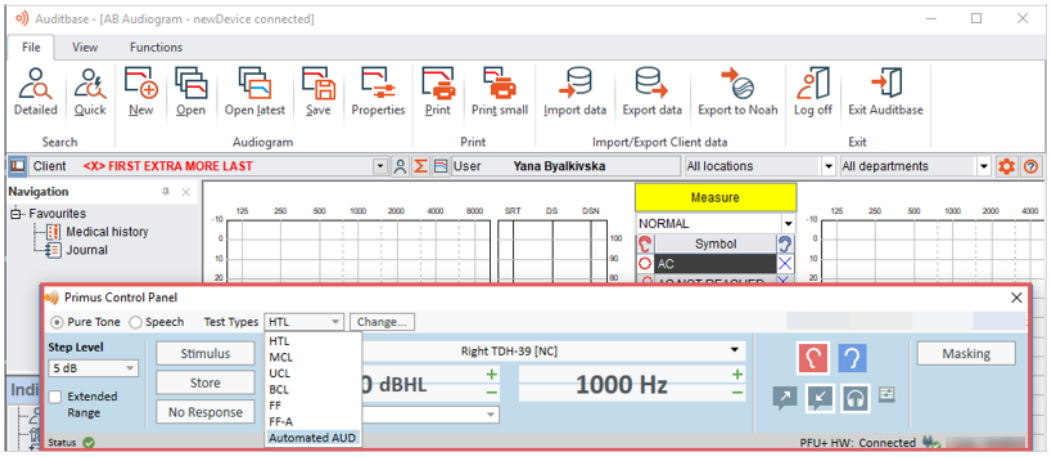


6 Integration with Auditbase

Auditbase panel supports Primus Automated testing

Users can run Automated Audiometry tests with the Auditbase panel without the need to start the Primus module.

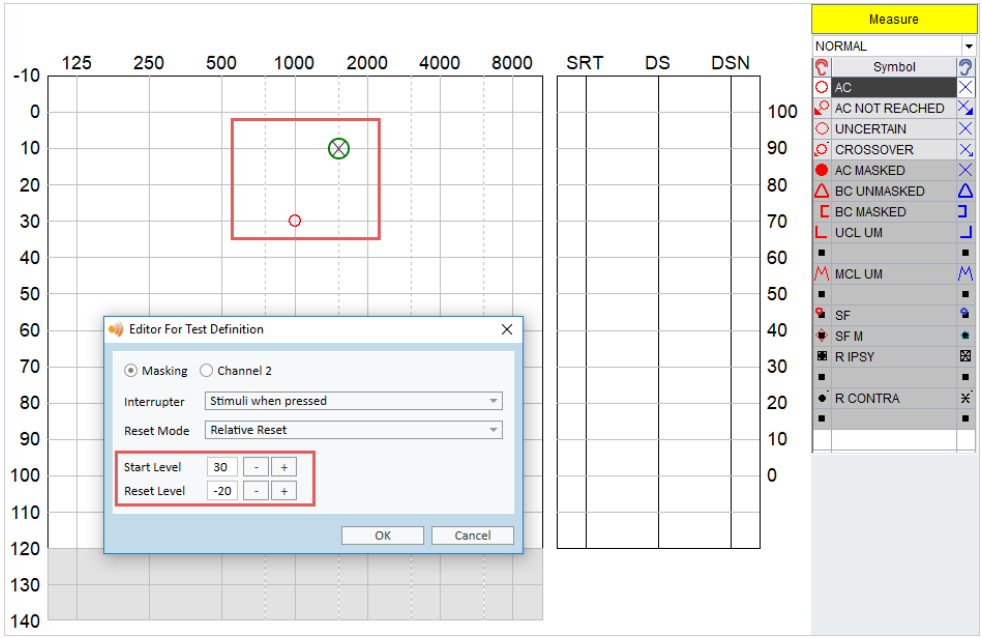
To do a hearing test in Auditbase, call the *Primus Control Panel* by clicking the **Measure button** and select the **Automated test type** from the respective dropdown.



Functional Level Preselection

The Primus integration with Auditbase features fully functional *Level Preselection* functionality for **Pure Tone measurements** in the **Audiogram module**.

Relative Reset mode now works as expected, enabling Users to configure relative points on the Audiogram depending on the Client's response to stimuli.



7 Further Improvements

Export new Test Parameters

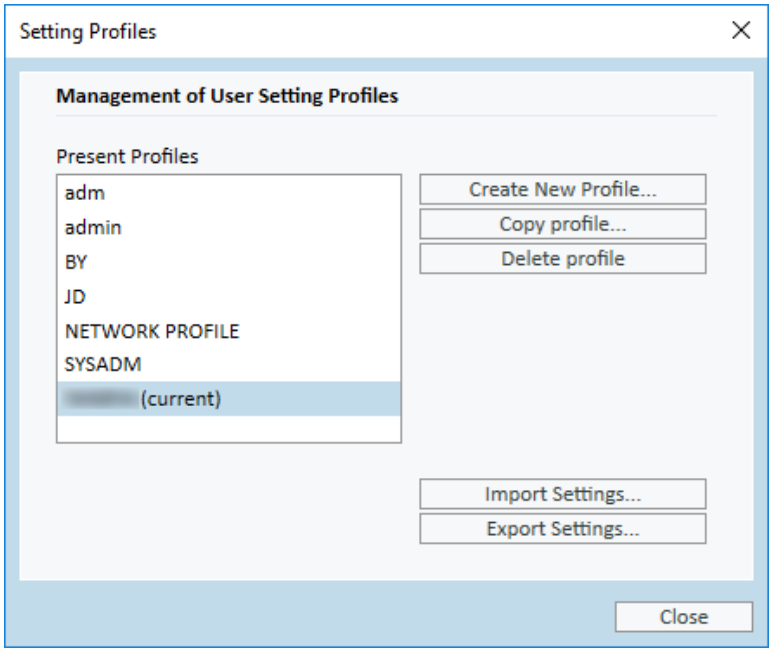
When exporting Speech and Audiometry tests parameters to an XML file, it is now possible to include **Test Type Name** and **Description** for each exported measurement.

HF output supports standard Transducer

The standard AC (air conductor) transducer can be plugged into the High Frequency output. When connected so, it works as a standard (not a high-frequency) transducer.

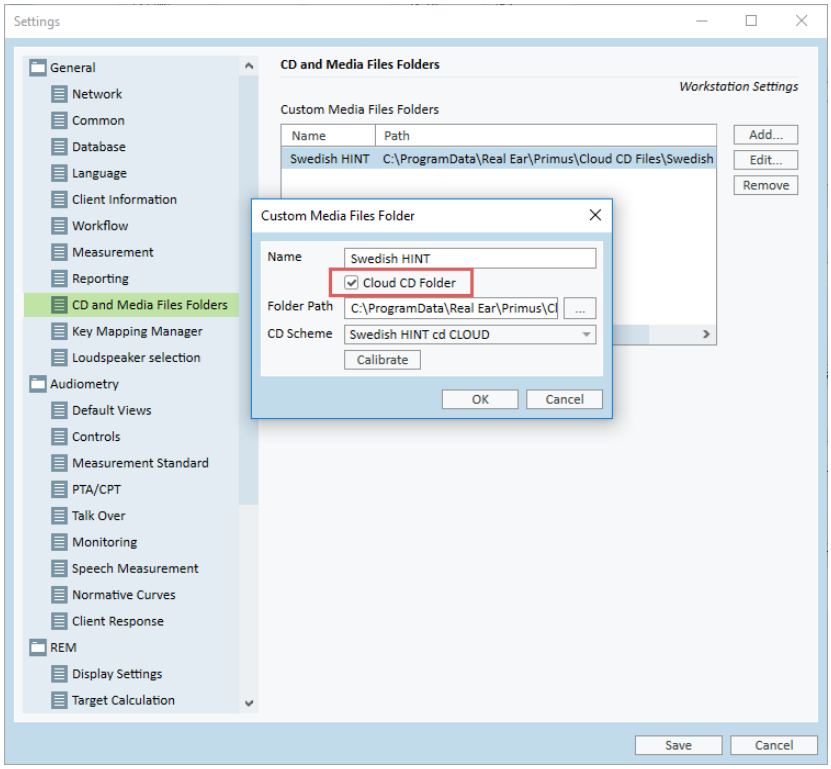
Straightforward configuration of network settings

In the current Release, it has become easier to configure network settings. The need to create a separate Network Profile has been eliminated. Users can just export their current settings to an XML file and share it via the network.



Primus Cloud CD Schemas/Files

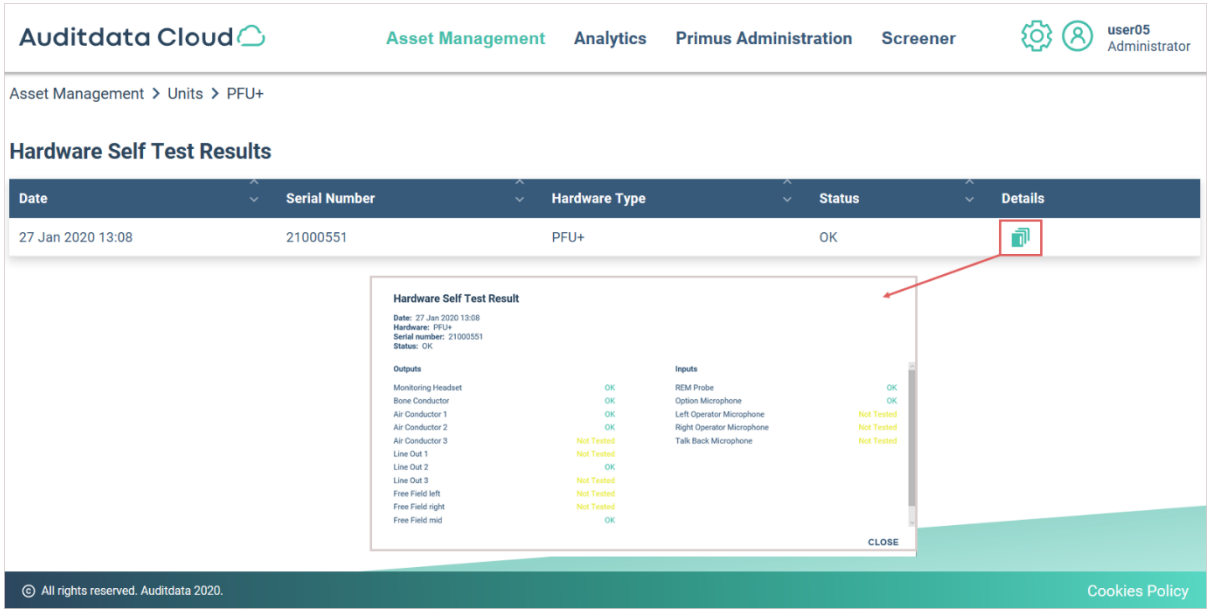
Speech materials *(wav files)* and CD schemas *(XML files defining the structure of the CD)* can now be managed from the Auditdata cloud. When activating the *Cloud CD Folder* option in the General Settings, users obtain access to the custom media files stored in a central location.



Hardware Self-Test in Primus Cloud

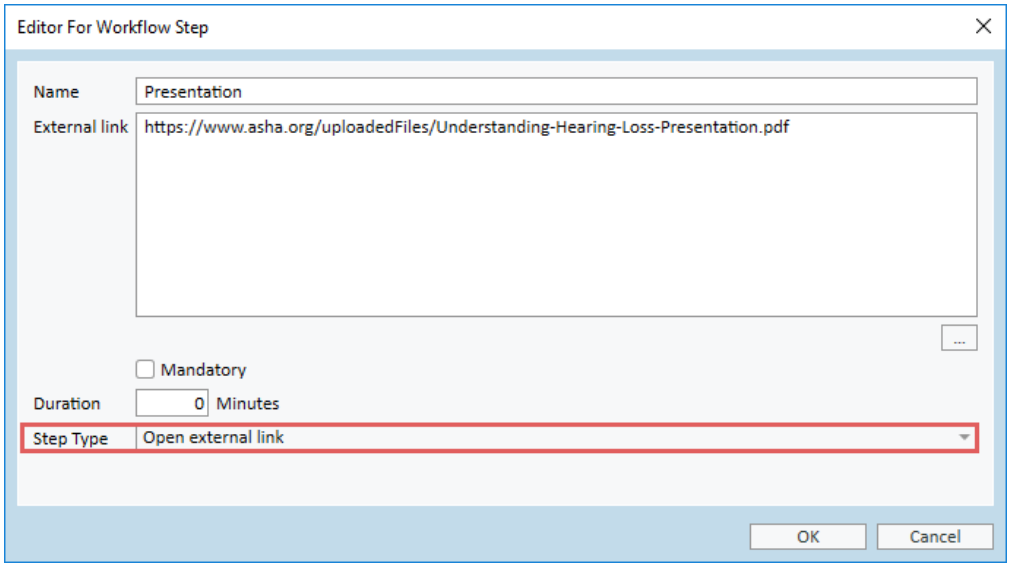
Asset Management functionality in Primus Cloud now allows storing Hardware Diagnostic Test files.

With the activated Analytics license, users are able to access the results of their hardware testing via *Asset Management > Units > Details*.



Open External Files in the Workflow

The "Open external link" option has been added to the Workflow settings. This enables users to include links to files, websites or presentations that can become easily accessible during a conversation with a Client.



8 Release Notes 3.2.0.0

This version of the Primus software release contains the following enhancements:

License Information

- The license information menu has been reformatted
- "Audiometry without high-frequency" license has been renamed to "Audiometry STD"

Audiometry

- High Frequency Pure Tone Audiograms can be included in Audiometry Reports
- Articulation Index can be hidden in Audiometry Reports
- More than TWO older audiograms can be compared in Pure Tone
- Overlay Speech Letters are supported for different languages
- All Freiburger wordlists are now available for the UCL measurements
- Minimum level can be defined for Automated Tests
- Pure Tone measurements can be done with one speaker
- Masking in the Monitory Headsets can be disabled

REM/SM

- Target level can be shown in REM/SM Audiograms

- 1/2 and 1/3 gain targets are now available

Tympanometry

- A shortcut tab has been added for Tympanometry in the Key Mapping Manager
- The last Tympanometry graph is shown on the Dashboard

Auditbase Integration

- Auditbase panel supports Primus Automated testing
- Level Preselection for Pure Tone measurements in the Audiogram module is now fully functional

Further Improvements

- Straightforward configuration of network settings
- New Test Parameters (Name and Description) can be exported to XML
- HF output can be used for standard AC Transducers
- Speech materials (wav files and CD schemas) can be managed from the Cloud
- Hardware Self-Test results are now accessible from Primus Cloud
- External files can be added to Workflows by configuring the "Open External Link" step type

Supported Languages

- English, German, French, Polish, Turkish, Danish, Finnish, Spanish, Italian, Hungarian, Chinese, Korean and Japanese.

Dependencies

This version supports NOAH versions 4 or higher. To use the Primus Panel under AuditBase System, AuditBase version 4.17.01 or higher is required.

Installation

To upgrade to Primus 3.2:

1. Run the set-up file: Setup_Primus_3_2_0_0.exe.
2. Follow the instructions on the screen and your system will be updated.

9 Support

For further information, please visit www.auditdata.com.