

OTOsuite®

Computer Integration for the
Modern Clinic



Course Outline

- Brief Company Overview
- Brief Product Solutions Overview
- OTOsuite® Description
- Navigation
- Software Options
- Creating Start-up Settings & User Tests
- Managing Reports
- Resources

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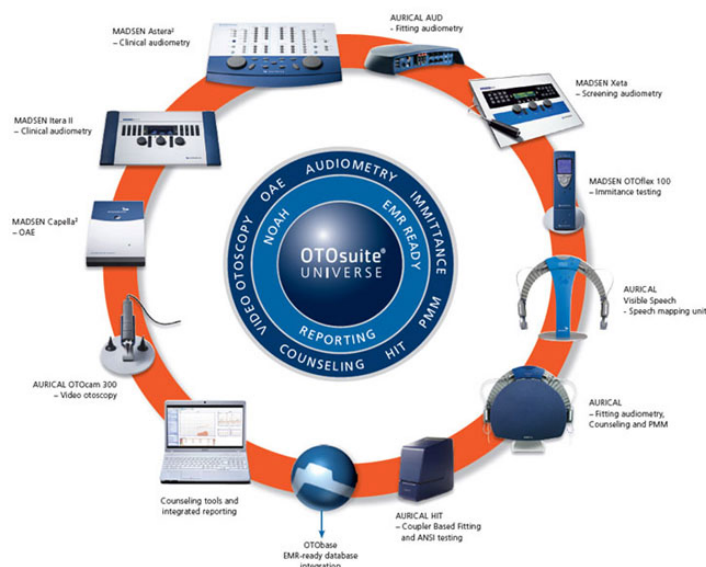
- Who Are We?

Otometrics – Develops, manufactures and markets computer based audiological, otoneurologic & vestibular instrumentation in more than 70 countries globally. Product brands include MADSEN, AURICAL, ICS, & OSCILLA

Audiology Systems– National partnership of industry professionals, audiologists and local audiology & vestibular experts who work together to distribute products, educate and serve as a resource to our customers



Our Product Line



OTOSuite® Description

- Software platform that integrates select MADSEN & AURICAL instrumentation including diagnostic and hearing instrument verification tools
- Everything you need for the entire client journey in one single software interface—single point of entry
- Integrates with NOAH & NOAH compatible devices including EHR/EMR applications
- Easily updated via online download of the software



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OTOSuite® Benefits

- Familiar interface that's easy & intuitive to learn
- Customize to your clinic's needs
- Improve efficiency and accuracy
- Combined test reporting
- Built-in counseling tools
- Easily updated via online download of the software



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OTOSuite® Device Compatibility

AUDIOMETERS

MADSEN® Astera²
 AURICAL® AUD
 MADSEN® Itera II*
 MADSEN® Xeta*

VIDEO OTOSCOPE

AURICAL® OTOflex 300

IMMITTANCE & OAE

MADSEN® OTOflex 100
 OTOflex 100 Quick Check
 MADSEN® Capella²

HI VERIFICATION

AURICAL® HIT
 AURICAL® PMM
 AURICAL® Visible Speech

* Limited functionality within OTOSuite

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OTOSuite®

- Current version is 4.73.02 as of JAN 2015
 - To determine what version you currently have loaded simply choose "Help" from the Toolbar & "About"
- To update your version of software please visit:
<http://www.audiologysystems.com/products/hearing-assessment>
- Feel free to contact our technical support staff for assistance:

855.283.7978

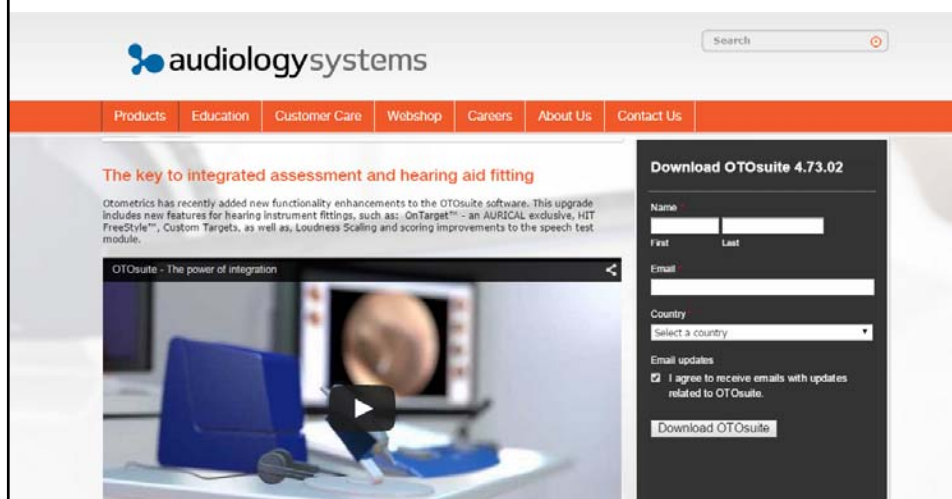
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OTOSuite® Download

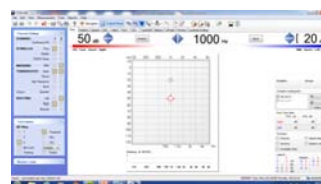
- Request link for download
- Sign up for e-mail notifications



The screenshot shows the audiology systems website. At the top is the logo and a search bar. Below is a navigation menu with links: Products, Education, Customer Care, Webshop, Careers, About Us, and Contact Us. The main content area features a headline "The key to integrated assessment and hearing aid fitting" followed by a paragraph about software enhancements. Below this is a video player titled "OTOSuite - The power of integration". To the right is a "Download OTOSuite 4.73.02" form with fields for Name (First and Last), Email, and Country (a dropdown menu). There is a checkbox for "Email updates" and a "Download OTOSuite" button.

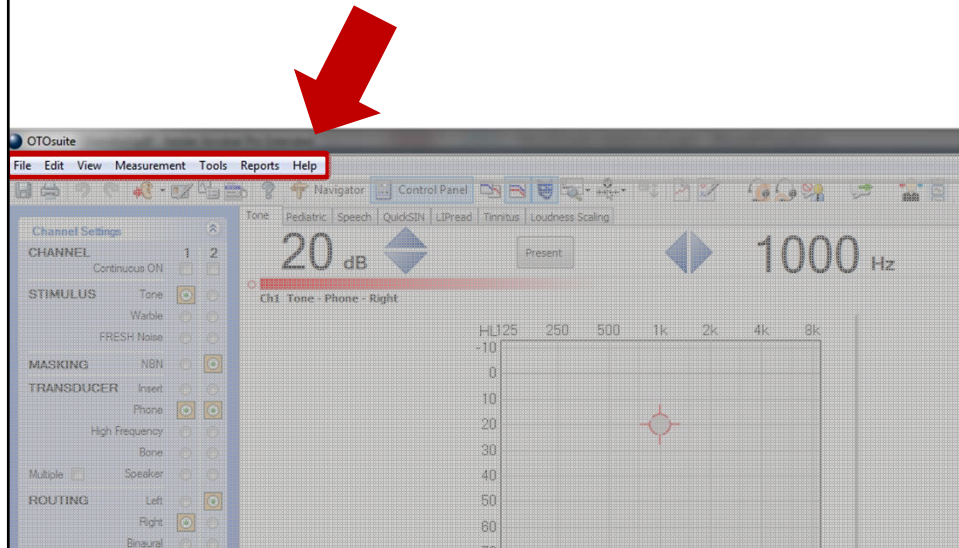
MADSEN Astera² Description

- The Astera² is a 2-channel, PC-based audiometer
- With Astera² you can perform all the standard audiometric tests including tone and speech testing as well as special tests such as LIPread™, tinnitus specific testing, high frequency tone testing and pediatric testing
- Astera² can be operated from your PC's keyboard or mouse or from the Audiometer Control Panel (ACP) with the OTOSuite® software acting as the display. You can even use a touch screen in the booth if needed
- Integrates seamlessly with NOAH



OTOSuite™ Navigation

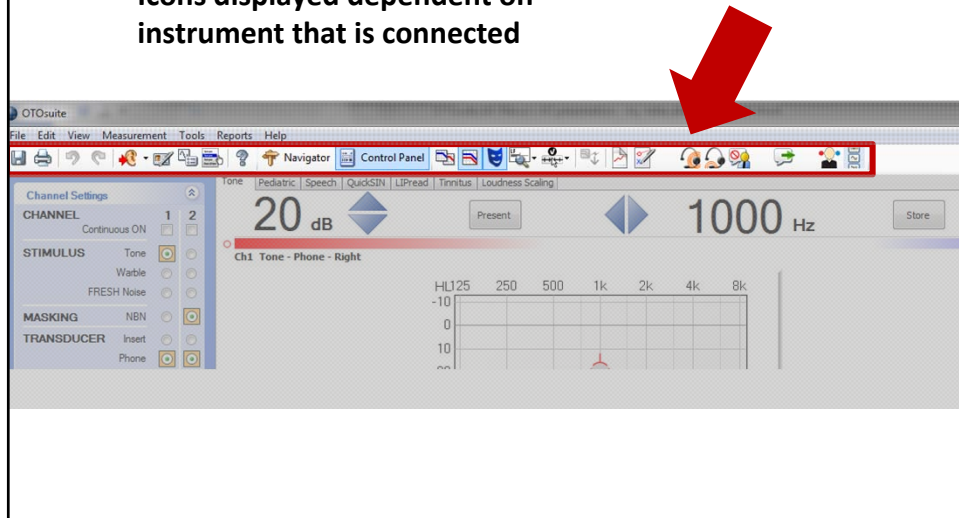
Menu Bar



OTOSuite® Navigation

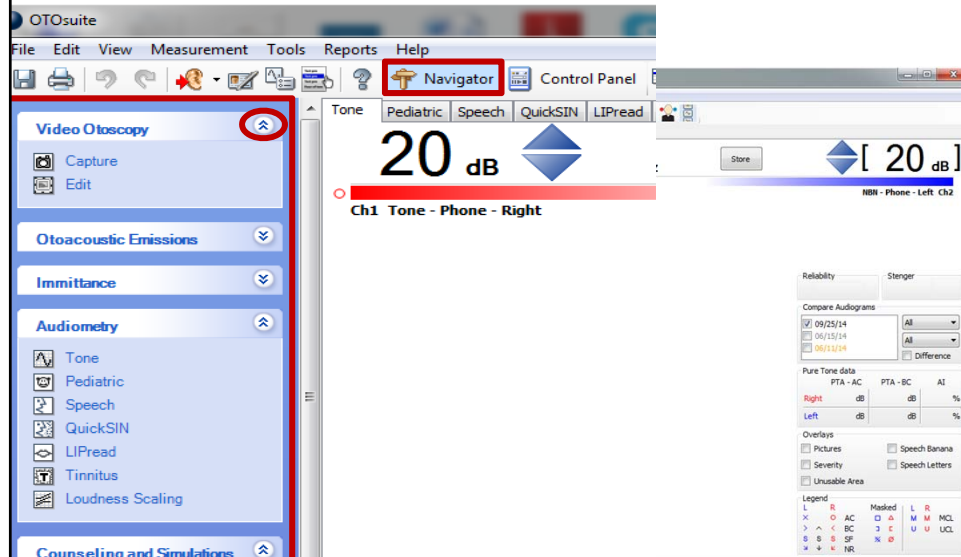
Tool Bar

- Icons displayed dependent on instrument that is connected



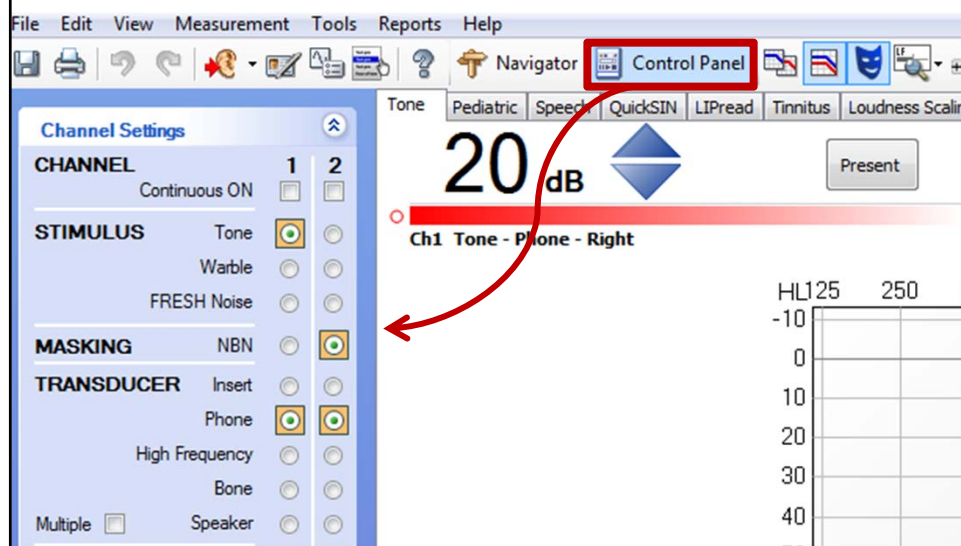
OTOsuite® Navigation

Navigation Panel



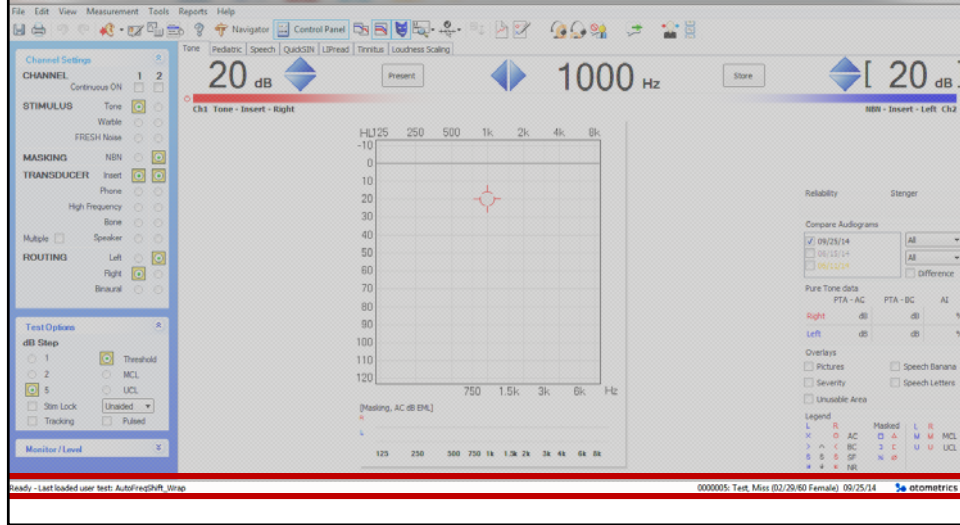
OTOsuite® Navigation

Control Panel



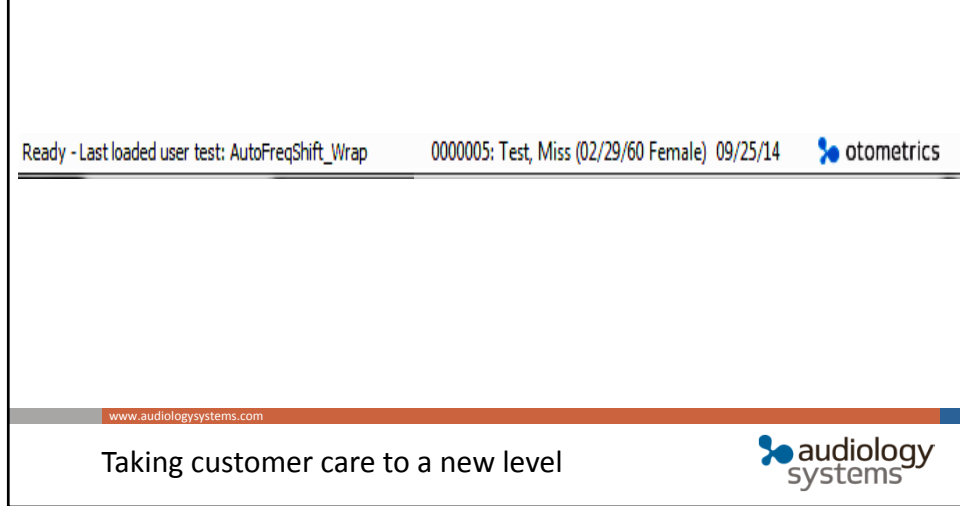
OTOSuite® Navigation

Status Bar



OTOSuite® Navigation

Status Bar

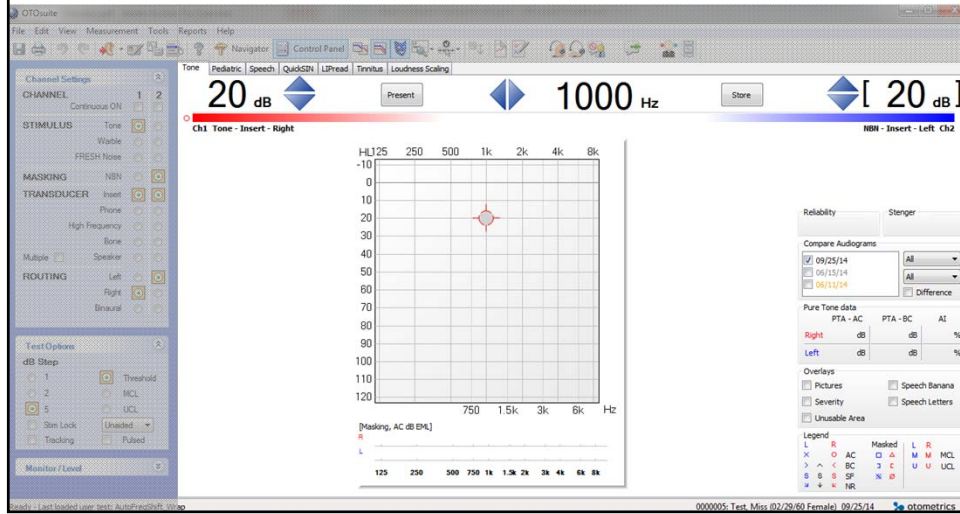


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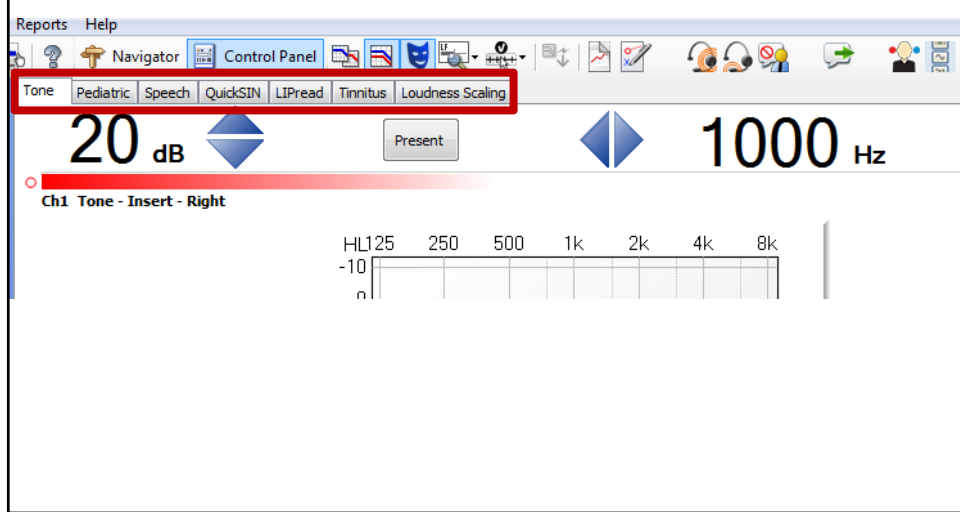
OTOsuite® Navigation

Work Area



OTOsuite® Navigation

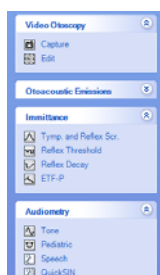
Test Tabs



OTOSuite® Modules

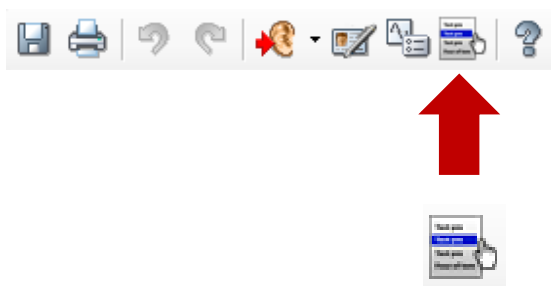
- There are different ways to move from one test type to another and from one piece of equipment to another

Navigator



OR

Test Selector



Test Selector, User Tests & Start-Up Settings

- Test Selector allows you to move between pieces of equipment and quickly load factory-defined tests or your own personally defined tests (User Tests)
 - Example: I want to move from Audiometer to Immittance & utilize a certain test type (test tympanometry only perhaps)
- User Tests are saved user settings/preferences for a particular test and/or test sequence
 - You like to start in the right ear, utilize inserts, warble tones and you always test high-frequencies (you name this User Test – “Clinic Default”)
- Start-up Settings is what you will see every time you start up OTOSuite™
 - I want the Audiometer to be the first instrument to connect when I turn on everything in the morning and I want the “Clinic Default” to already be loaded & ready to go

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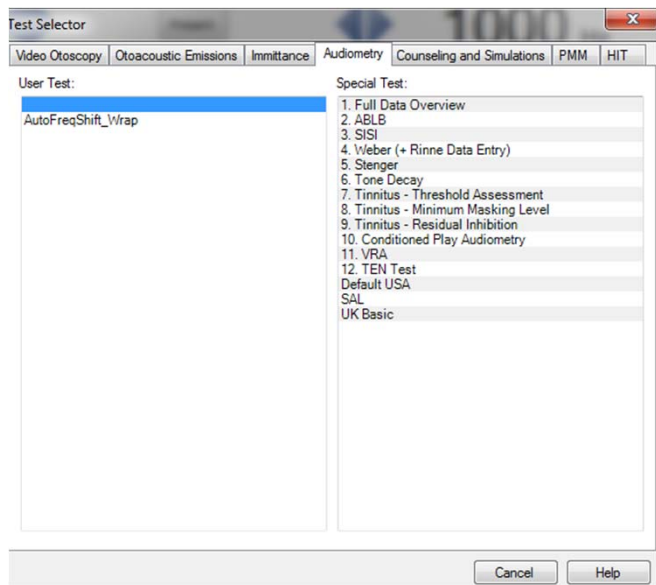
Test Selector & User Tests

Access via

Icon

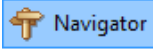
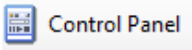
OR

F8




Navigating Modules Recap

Utilizing Navigator

1. Access via F11 or by choosing Navigator icon  Navigator
2. Select module (ex. Audiometer) & then sub-test (ex. Tone, Speech, etc.)
3. Select Control Panel  Control Panel to connect & gain access to controls

OR

Utilizing User Tests

1. Select "Test Selector" Icon  or choose F8
2. Select desired module tab (i.e. Audiometry, PMM, OAE, etc.)
3. Select Desired User Test (i.e. "Default USA", etc.) or one that you may have created personally

Software Options

- Wide array of measurement and display settings are possible within OTOsuite®
 - Allows you to customize the testing as you like
- Determines how graphs and controls appear on display (PC monitor)
- Defines parameters of how tests are performed

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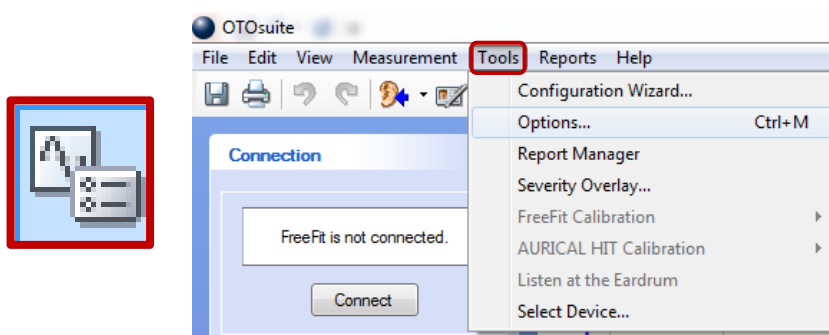
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Software Options

Customize

- Either by selecting the icon seen here or by choosing **Tools > and Options** OR **Ctrl M** you can easily customize the testing to your needs



Software Options

Customize

- Setting changes made to OTOsuite® are temporary
- Changes must be saved to appear in subsequent test sessions
- More on this in a few minutes

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Test Selector, User Tests & Start-Up Settings

- **Test Selector** allows you to move between pieces of equipment and quickly load factory-defined tests or your own personally defined tests (User Tests)
 - Example: I want to move from Audiometer to Immittance & utilize a certain test type (test tympanometry only as an example)
- **User Tests** are saved user settings/preferences for a particular test and/or test sequence
 - You like to start in the right ear, utilize inserts, warble tones and you always test high-frequencies (you name this User Test – “Clinic Default”). One way to set these parameters is via “Options” and saving those changes as a User Test named “Clinic Default”
- **Start-up Settings** is what you will see every time you start up OTOsuite®
 - I want the Audiometer to be the first instrument to connect when I turn on everything in the morning and I want the “Clinic Default” to already be loaded & ready to go

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Options Screen

The Options screen is divided into several sections:

- File:** A tree view on the left showing the software's structure, including OTOsuite, Video Otoscopy, Otoacoustic Emissions, Immittance, Audiometry, General, Tone, Pediatric, Speech, QuickSIN, LIRead, Tinnitus, Loudness Scaling, Counseling and Simulation, PMM, and HIT.
- View:** A list of settings for the viewing experience, including Masking Assistant (On), Misc (Aud Method Box: Off, CPT-AMA Box: Off, Frequency Range: Standard frequencies, Graph View Mode: Combined View, Legend: On, Masking Levels: On, Masking Table Placement: Test Ear Graph, Overlay Selection Box: On), Overlays (Reliability Box: On, Show Compare Audiograms: On, Show PTA and AI: On), Special Tests (On), and Timer Box (Off).
- Measurement:** A list of settings for the measurement process, including Automatic Actions (Auto Freq./Level Shift: No, Go to (1000 Hz, 20 dB) on Ear C: No, Stimulus Duration: Manual, Switch off Masking on Store: No), Behavior (Five dB Up - Ten dB Down: No), and Misc (Aided Condition: Unaided, Channel 1: No, Channel 2: No, Masking Noise Type: NBN, Store masked and unmasked se: No, Test Type: THR).
- Aud Method Box:** A section at the bottom left that allows you to document what hearing test method was used to create the audiogram.
- Aided Condition:** A section at the bottom right that allows you to select test with or without amplification.

Buttons at the bottom right: OK, Cancel, Help.

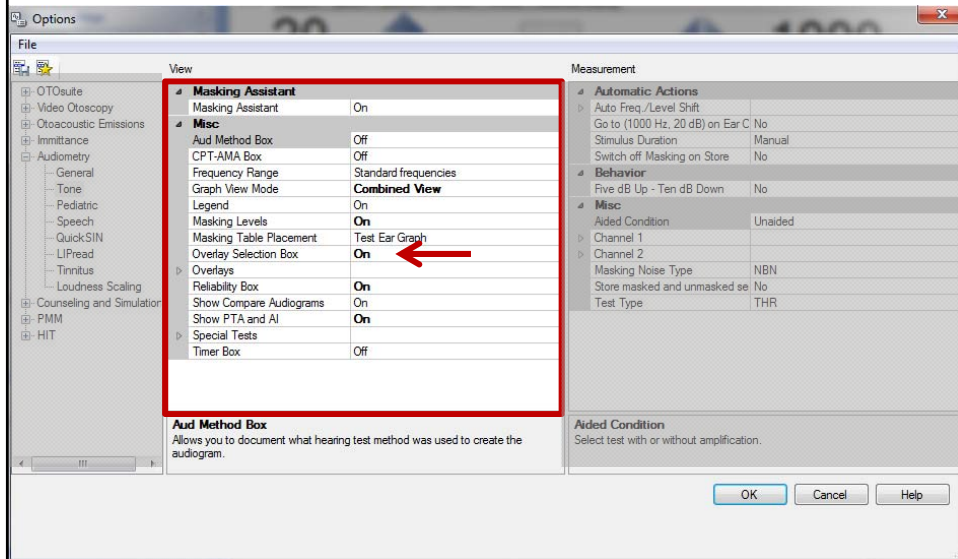
Options Screen

Module & Test Type

This screenshot is identical to the one above, but with a red rectangular box highlighting the File tree view on the left side of the window.

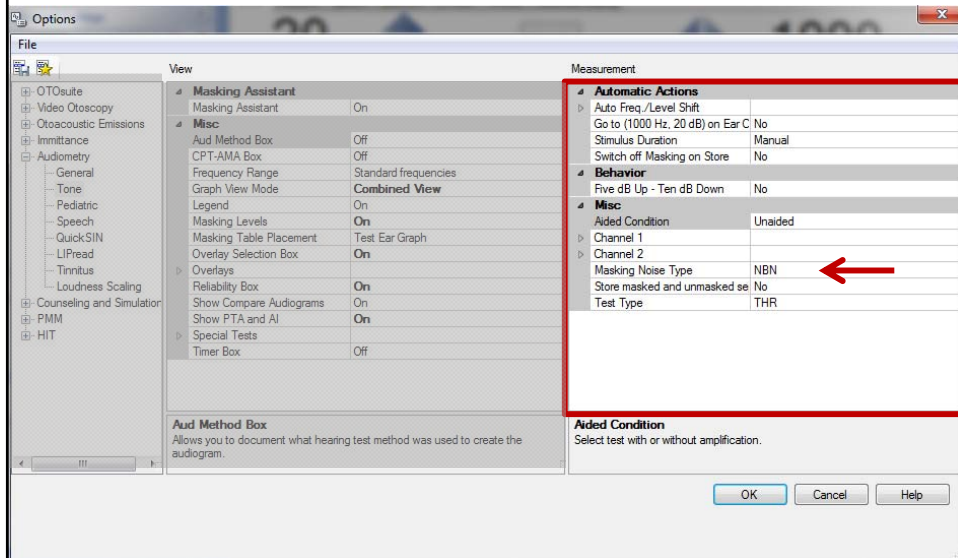
Options Screen

View Settings



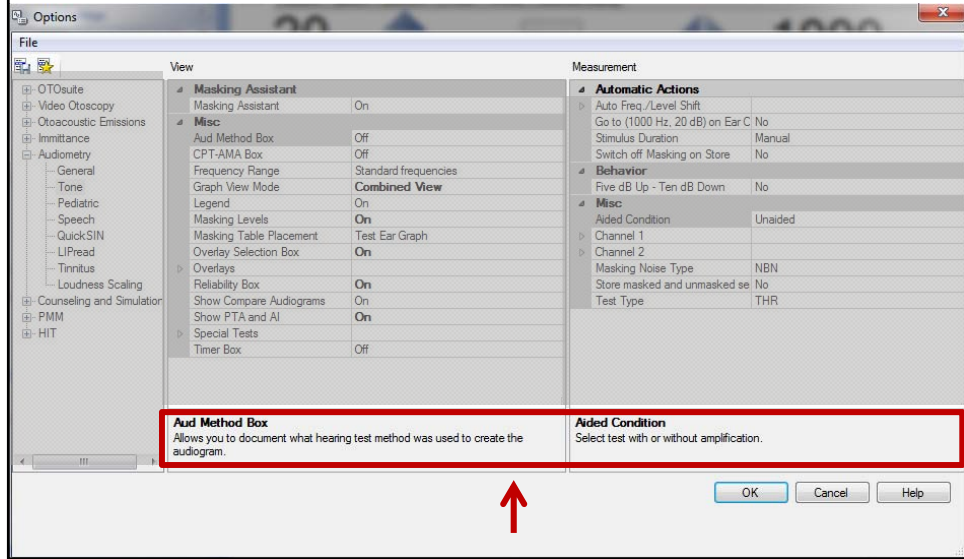
Options Screen

Measurement Settings



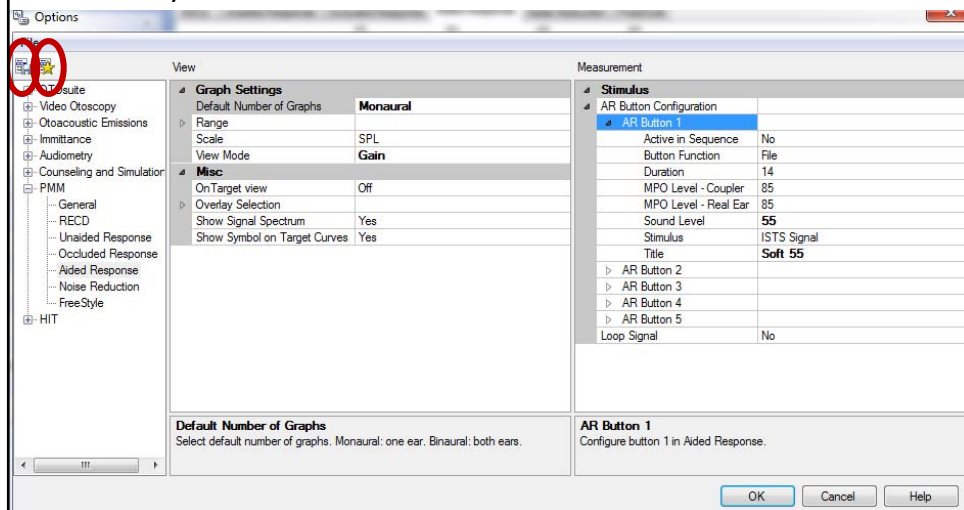
Options Screen

Measurement Settings

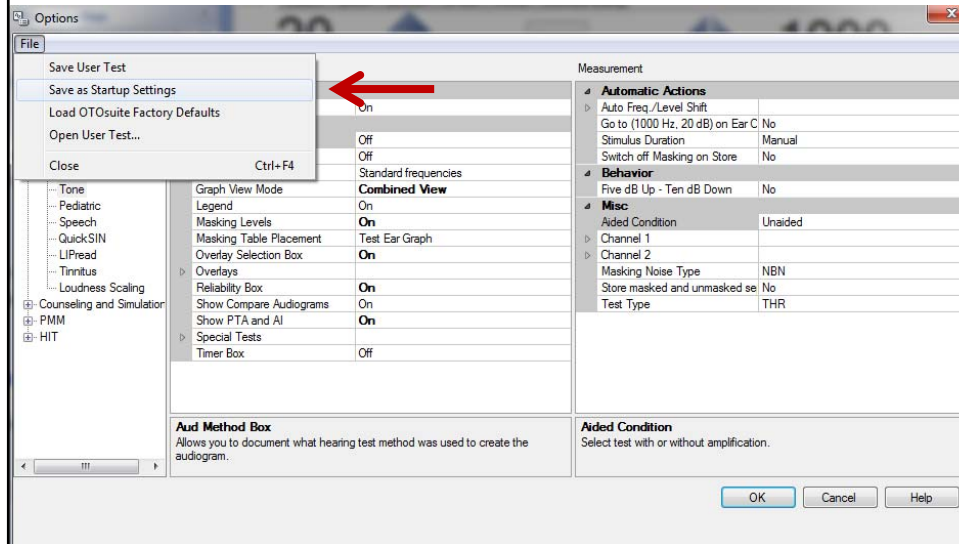


Set Options

Be sure to choose the star icon “Save Options as Startup Settings” if you want to make these settings available the next time you enter the software

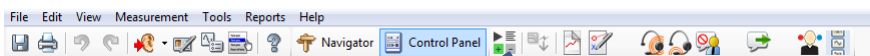


Set Options Options File Menu

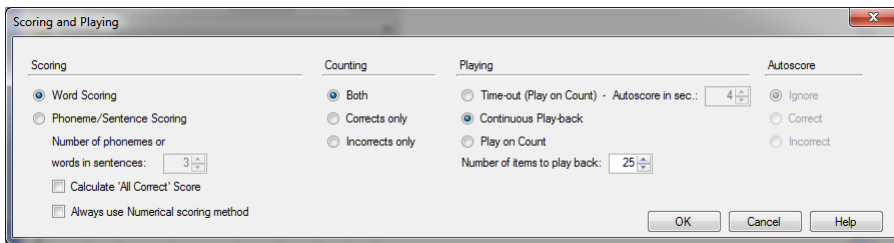


Set Options Demo

Change speech playback as "Play on Count"



- You can also utilize this icon to bring up the same options



Reports

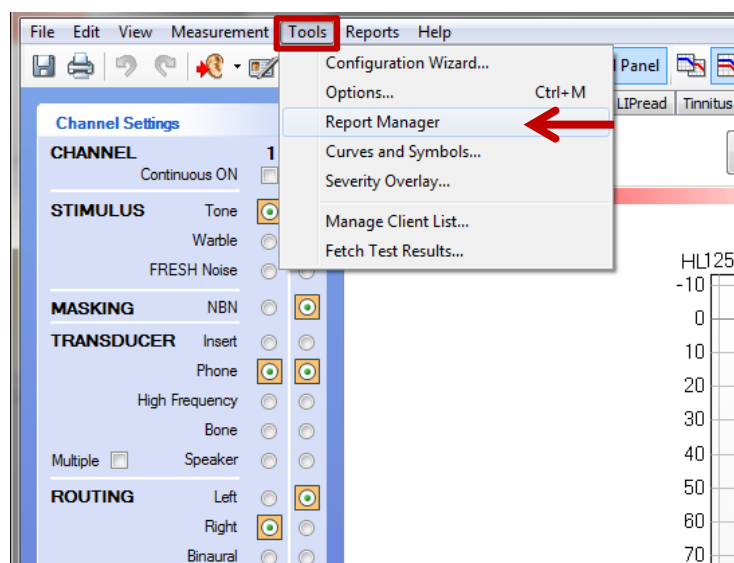
- Over 100 report templates to choose from across all modules
- Select and organize reports you want to commonly utilize via the “Report Manager”

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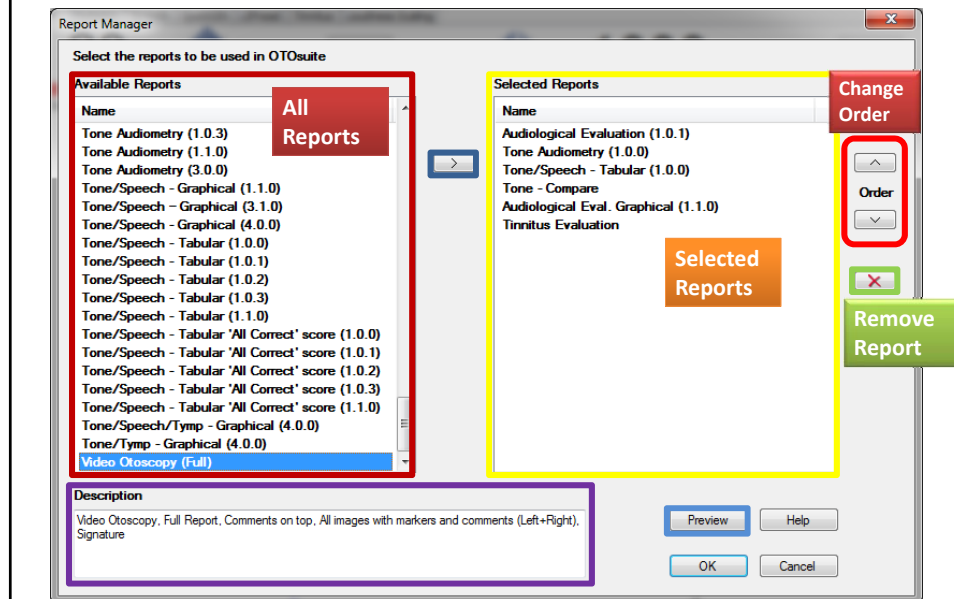
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Report Manager

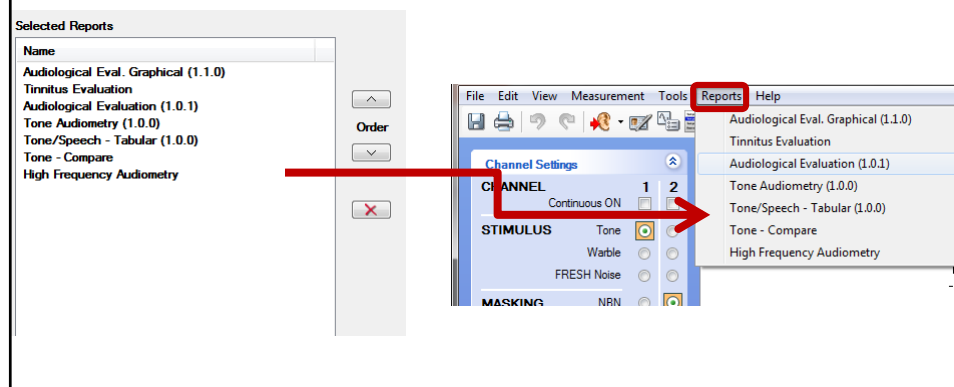


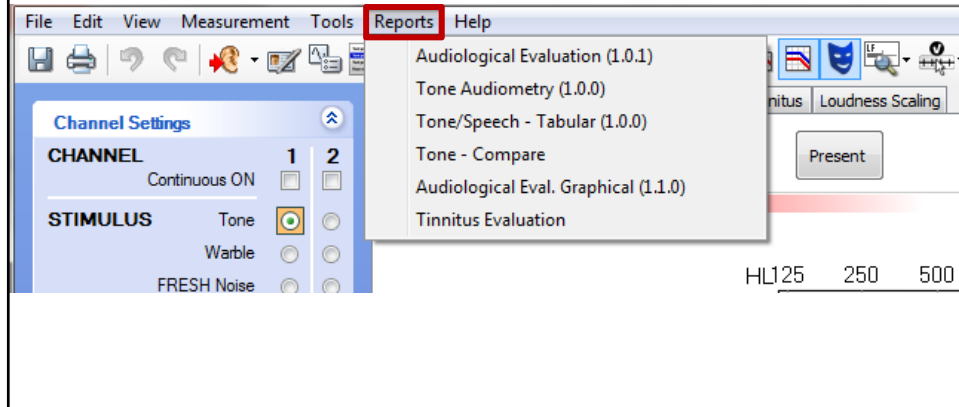
Report Manager



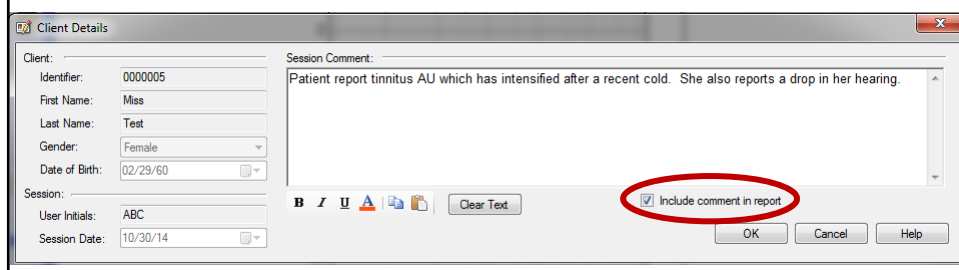
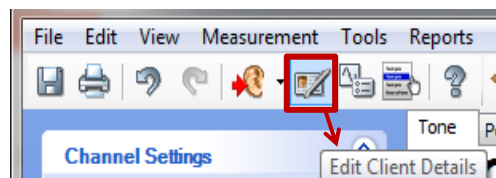
Report Manager

- Selected reports list will appear in order under “Reports” in the menu bar
- The 1st on the list will be the report to automatically print when the print icon is chosen

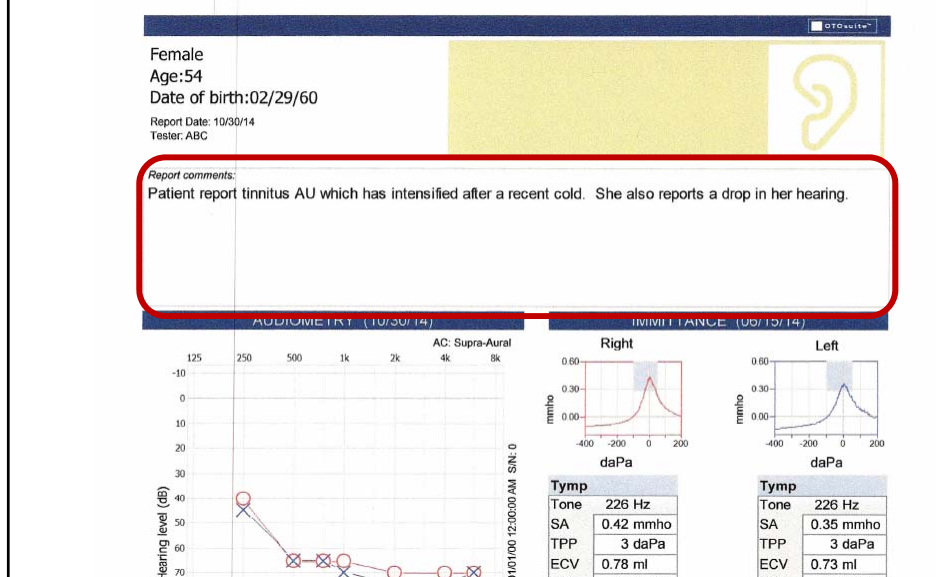




- Session comments entered in “Patient Details” will appear in “Comments” box at the top of the report

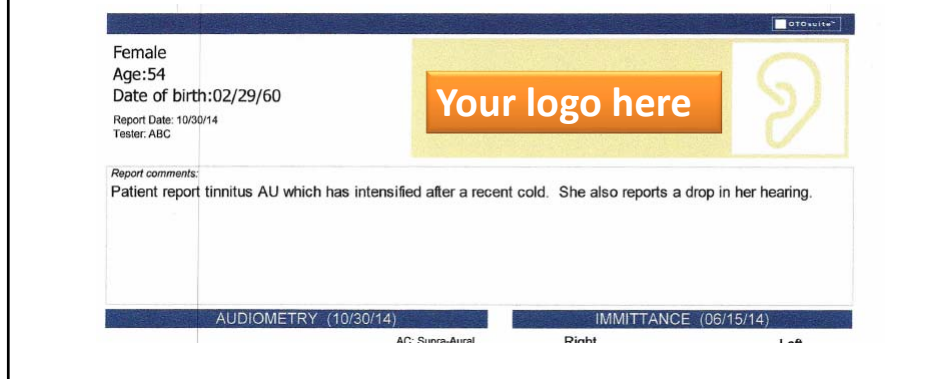


Session Comment on Reports



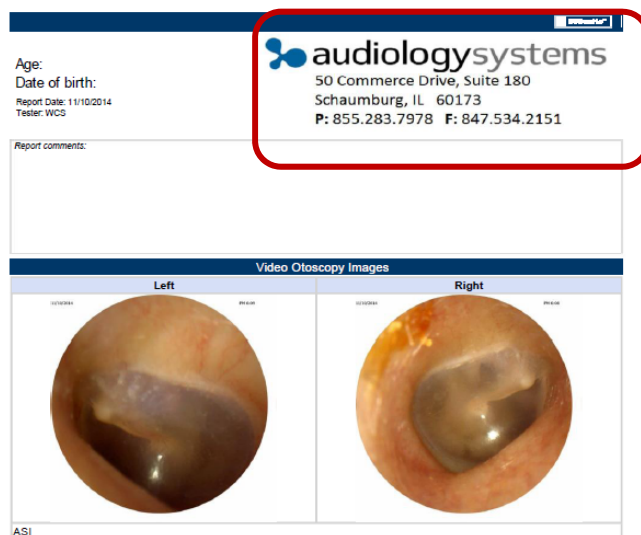
Reports

- Include personalized logos on reports
- Follow instructions on document included in course handouts
- If you prefer, you can also contact AudiologySystems technical support to walk you through it



Reports

Example of Personalized Logo





Age:
Date of birth:
Report Date: 11/10/2014
Tester: WCS

audiology systems
50 Commerce Drive, Suite 180
Schaumburg, IL 60173
P: 855.283.7978 F: 847.534.2151


Report comments:

Video Otoscopy Images

Left	Right
	

ASI

Report Reminders

- As soon as you choose a report from your “Reports” list it will immediately be sent to your default printer for printing. If you prefer to preview first choose File > Print Preview
- Remember you can preview reports in Report Manager to choose which reports work best for you
- Remember that the report at the very top of your “Reports” list will automatically print if you choose the “print” icon 
- You can choose if you want to print session comments or not by selecting/deselecting “Include Comment in Report” from the “Client Details” screen

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OTOSuite® Tips and Tricks

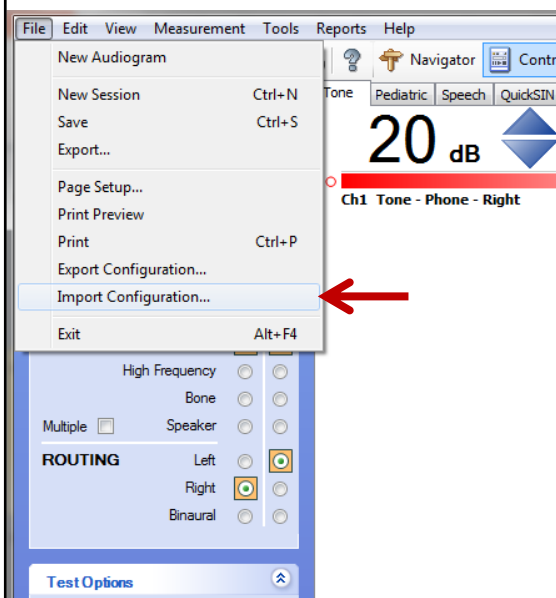
- Utilize the “Export/Import” feature to transfer settings to a different computer
- Create a “Default” User Test and utilize it as your startup settings
- When help is needed “F1” will launch the “Smart Help” Feature

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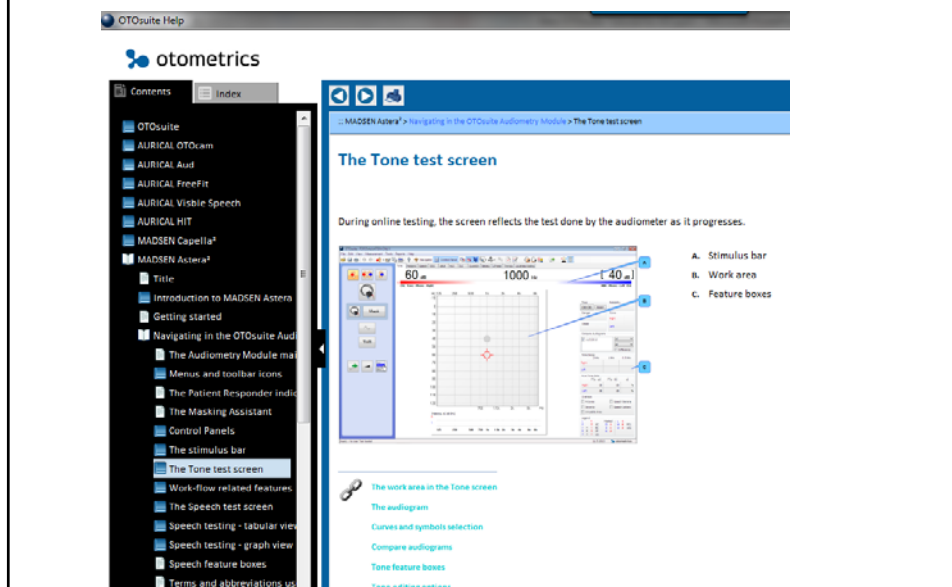


Export and Import



- Transfer OTOsuite settings from one computer to another, keeping your “User Tests”, “Start-up Settings”, etc.

Smart Help Feature



OTOsuite[®] Tips and Tricks

- If you see “Preliminary” across the top of a report this indicates that the report has not been saved
- Create a Word doc of common patient descriptions and test results so you can easily cut/paste into the comment section of a report
- Printing to a PDF is a paperless option for reports

Resources

Please visit us online at:

www.AudiologySystems.com and at www.Otometrics.com

Or please call us at:

855-283-7978

You can also find additional fitting resources at:

<http://www.otometrics.com/Knowledge-Center/fitting>

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