
 **Education**  
The Science of Hearing Aid Fitting

**Audioscan® Webinar Series:**  
*The Benefits of Office Integration*  
Recorded May 8, 2015

**Presenter — Chris Stokes-Rees**  
Applications Specialist

 **audioscan®**  
Hearing Assessment & Fitting Systems

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**Benefits of Office Integration**



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### Managing Data Flow

- Assessment data
- Patient records
- Fitting data
- Verification testing

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### Managing Data Flow

- Assessment data
- Patient records
- Fitting data
- Verification testing

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### Managing Data Flow

- Assessment data
- Patient records
- Fitting data
- Verification testing

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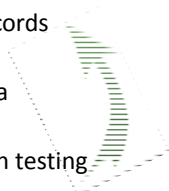
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## Managing Data Flow

- Assessment data
- Patient records
- Fitting data
- Verification testing



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## MAKING THE CONNECTION

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## Network connection

- The standard for data exchange today



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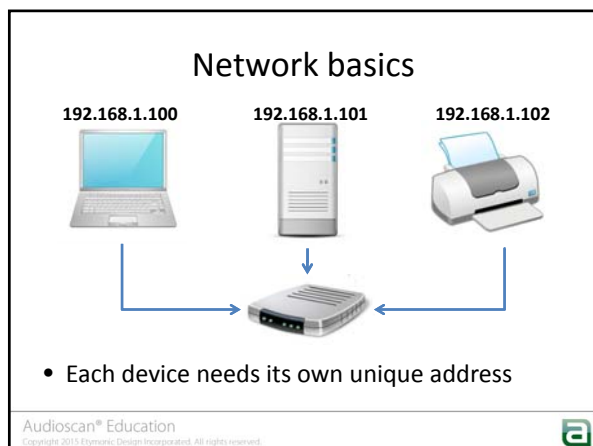
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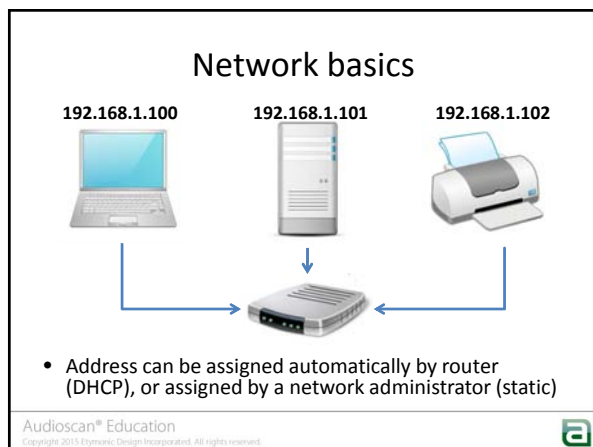
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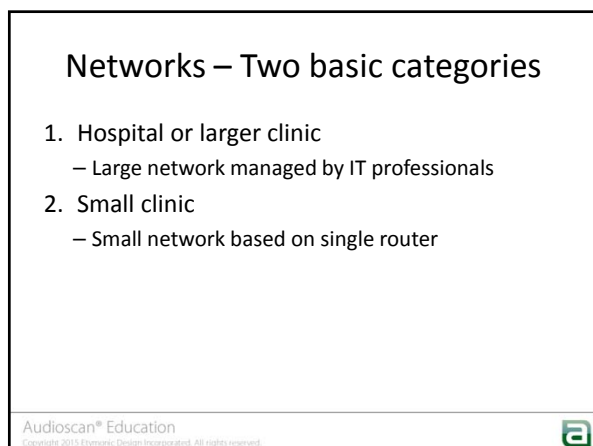
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## Wired Ethernet connection



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## Wired Ethernet connection



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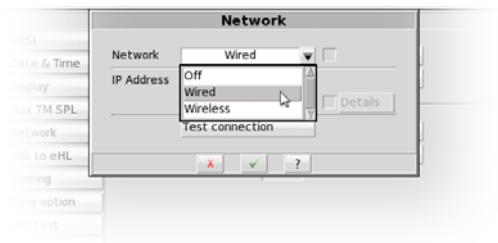
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## Choose wired



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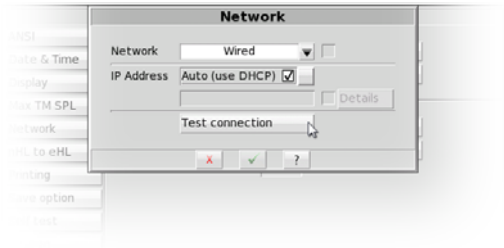
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Test connection



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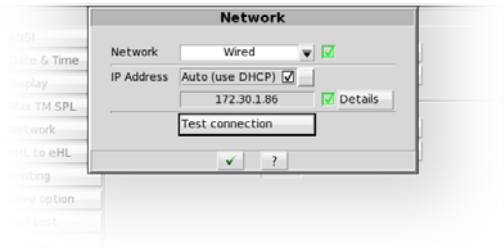
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Network IP address



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Wireless connection



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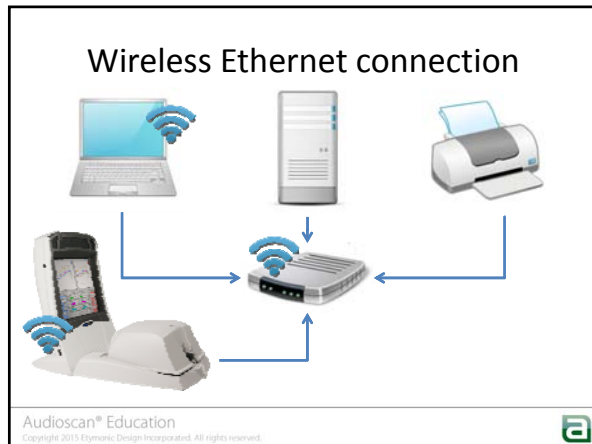
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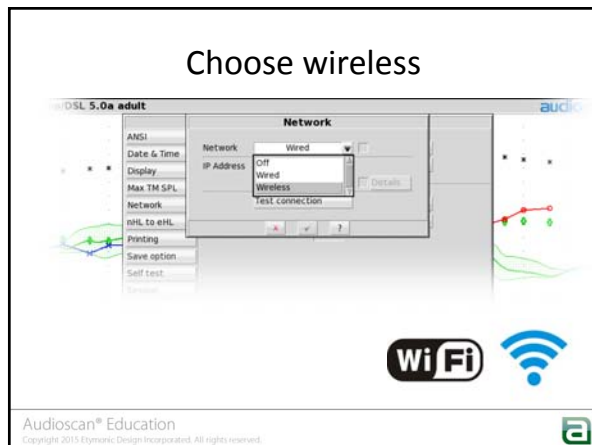
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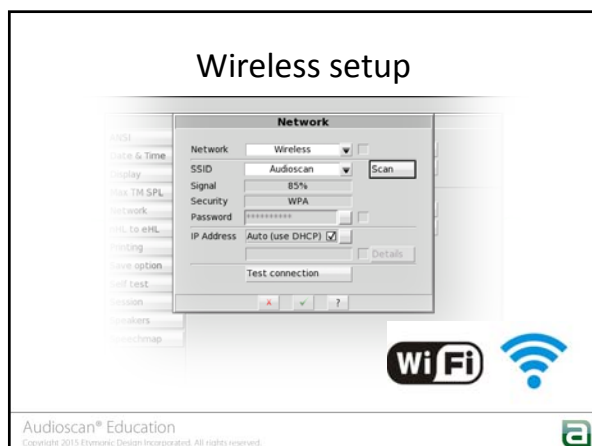
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## AUDIOSCAN NOAH MODULE

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## NOAH module



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## Audioscan NOAH Module

- Send audiometric assessment data from NOAH to the Audioscan with one click
- Capture test results graphically from the Audioscan screen to the NOAH database for later viewing or printing
- Share public data such as RECD with other NOAH modules where applicable

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## NOAH Module Installation

- If ordered with Audioscan equipment, module supplied on CD-rom.
- Or download from: [www.audioscan.com](http://www.audioscan.com)
- Requires 9-digit license key
- Key printed on CD-rom, or available via email for download orders.
- Open disc/extract download: run "Setup"

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## NOAH Module Installation

- After installing module, open in NOAH and enter unit network IP address.



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## NOAH Module Installation

- For unknown IP address, use the built-in network scanner.



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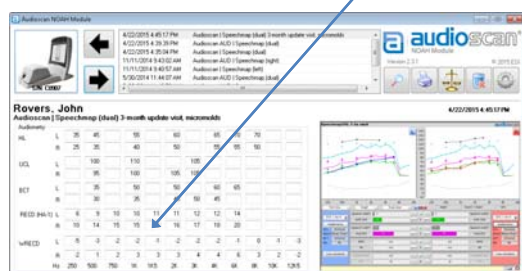
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List of all available audiograms, and saved Audioscan actions for selected patient.



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Table shows all available public data for selected audiogram/action. (incl. HL, RECD, BCT, UCL)



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Click to send assessment data to Audioscan.



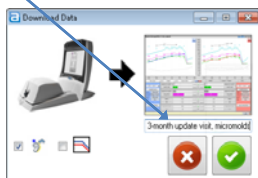
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Click to capture results from Audioscan.  
(this will store screen image as  
well as any available public data)



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Screen capture will be named by default, or  
custom text description can be entered from  
keyboard.



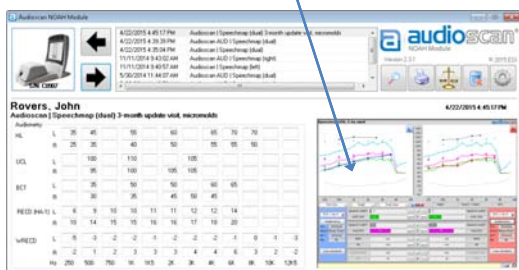
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User may choose to store measured RECD  
and/or make audiogram public.




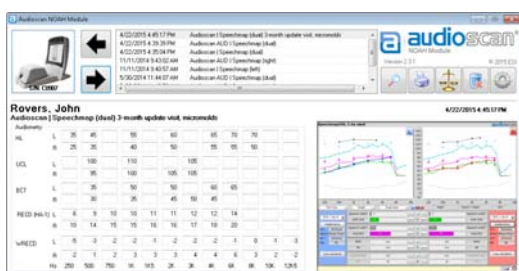
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Module will display a small preview of currently selected Audioscan action.




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Click  to view results full screen on PC.




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Click  to print results  
(will work with any printer connected to the PC).




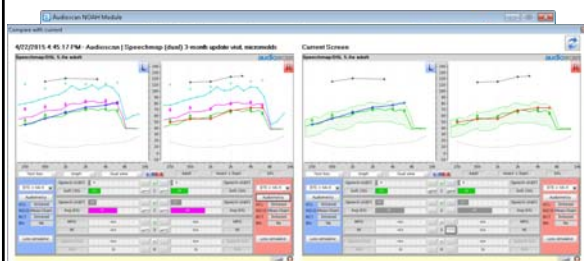
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Click  to delete unwanted actions.



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Click  to compare new test with previously saved test results.



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## SESSION STORE/RESTORE

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## Session store/restore

- All test and assessment data stored as .xml file
- Input client ID (pt. name or record number)
- Can be pulled back to equipment, or used in Microsoft Excel
- Adding a USB keyboard allows naming of patient records.



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## Setting up Session store/restore

- To USB stick



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## Setting up Session store/restore

- To shared folder on Windows PC



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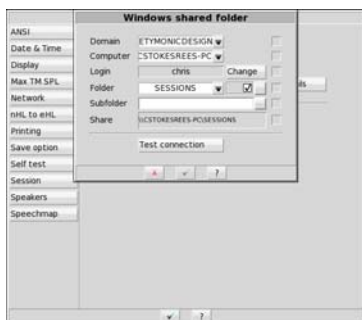
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## Setting up Session store/restore

- Enter details of shared folder.

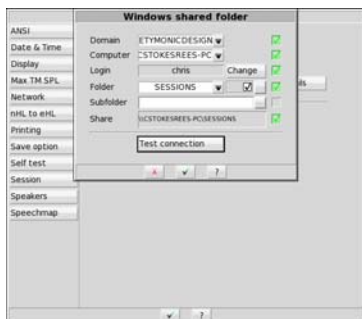


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## Setting up Session store/restore

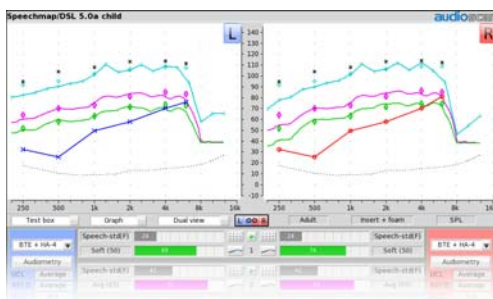
- Select Test connection.



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## Store session



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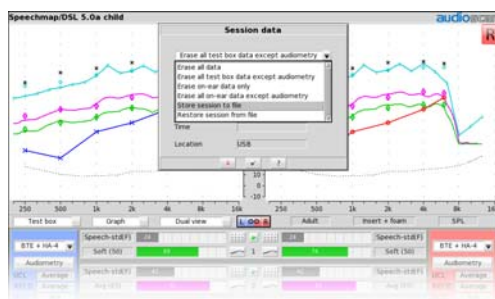
## Store session



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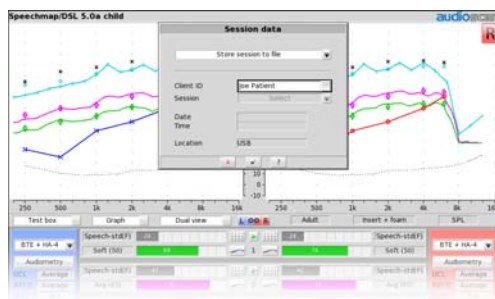
## Store session



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## Store session

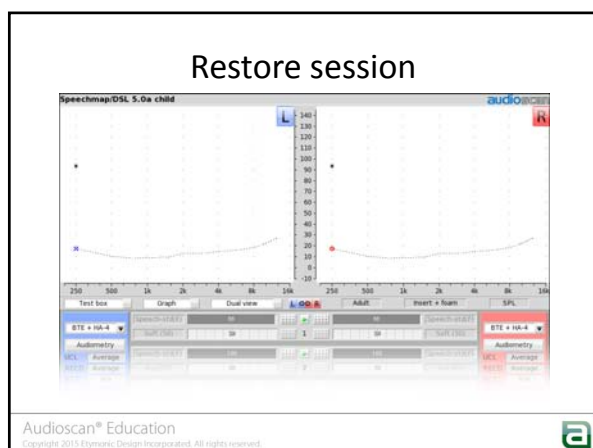


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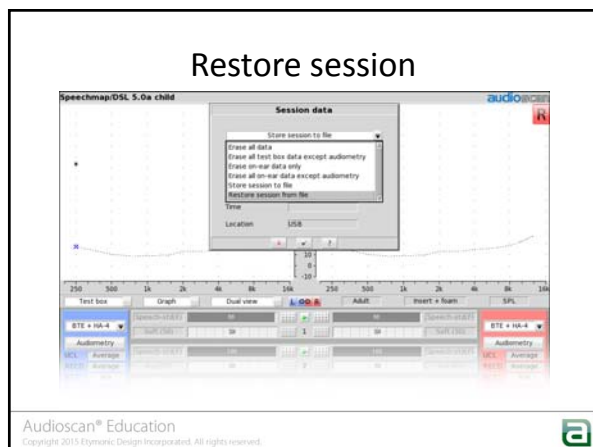




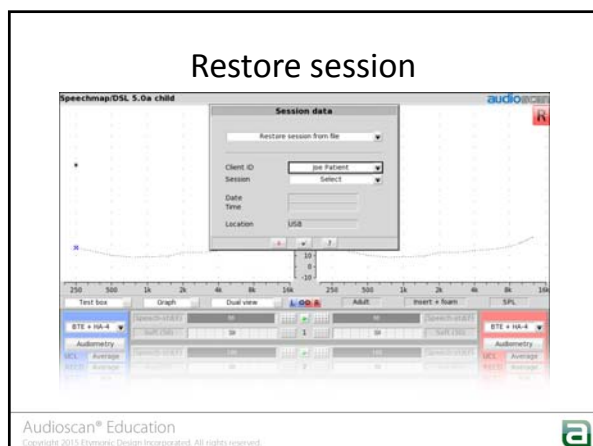
## Restore session



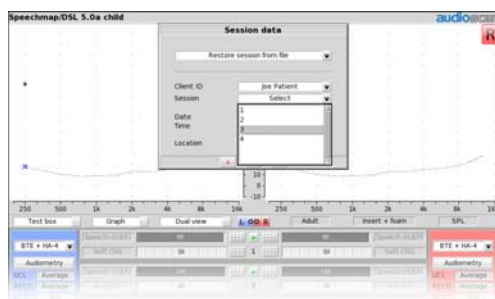
## Restore session



## Restore session



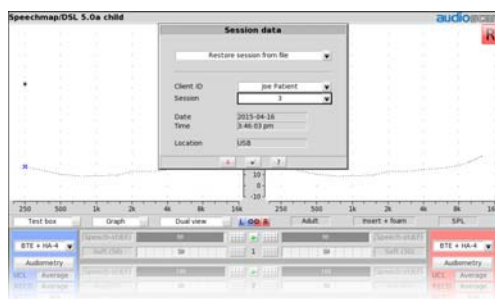
## Restore session



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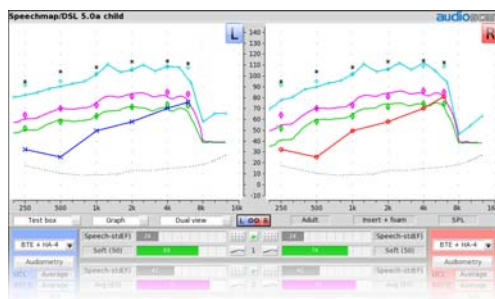
## Restore session



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## Restore session



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## REMOTE OPERATION

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### Remote Operation

- “on-top mode” operation moves display and control to PC desktop
- Works on Verifit 2 and Axiom
- Allows remote operation for Telehealth applications

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### Remote Operation

- Download Audioscan remote application from Audioscan website
- Install on PC.
- Launch application from desktop icon.



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## Remote Operation

4. Enter network IP address of Audioscan



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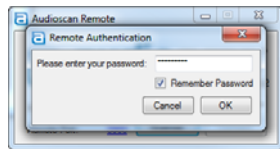
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## Remote Operation

5. Enter password (default is "audioscan")



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## Axiom running without monitor



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### Verifit 2 “on-top mode”



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### Use tablet as a remote control

- Uses a simple VNC app on iOS or Android



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### iPad/Android connection

- Tablet becomes wireless remote—allows clinician to start/stop tests without interfering in soundfield around patient.
- Tablet can also simply act as a wireless remote monitor—i.e. second display.

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## iPad/Android connection

1. Ensure tablet is connected to Verifit/Axiom through network using WiFi
2. Go to App store and download a "VNC client" app. There are many, and many are free.
3. Launch app, create new connection, put in the IP address of the Audioscan and the password (default is "audioscan")
4. Connect!

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## PRINTING OPTIONS

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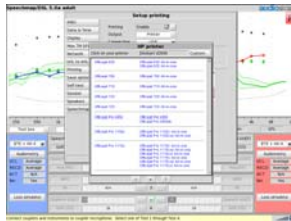
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## Printing options

- Printout from NOAH module
- Directly connected printer
- Network printer



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## Other output options

- Print to file as a picture or PDF document
- Either through network or to USB stick



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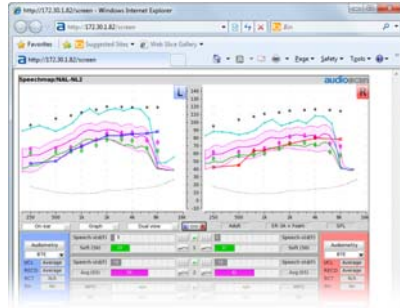
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## Display through web browser



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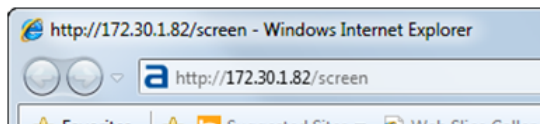
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## Browser display

1. Open any web browser on the PC
2. Type <http://172.123.123.123/screen> [enter]  
Audioscan screen will display on PC!



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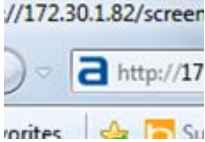
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## Browser display/print

- Drag blue 'a' icon from browser to Windows desktop to create a shortcut to your Audioscan.



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## LAYOUT OPTIONS

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## Configuration affects workflow



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### Verifit – traditional setup



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### Verifit - offset



- Side by side layout allows patient closer to REM speakers.

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### Verifit – offset with remote



- Clinician uses screen of laptop instead of VF

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### External REM speaker



- Increased pt. positioning flexibility
- Verifit, Verifit 2, Axiom

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### Verifit 2 – wall mounted



- Verifit 2 wall mount adds flexibility to setup

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### Summary

- Integration is key for efficient data flow
- Network, wired and wireless allows multiple methods of integration and connectivity for your verification equipment:
  - NOAH module
  - Store/restore sessions
  - On-top mode / remote operation / tablet control
  - Print to network file / network printer / browser
  - Physical layout option considerations

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