Bridge 2

Getting Started GUIDE

Auditdata

1 Introduction

Auditdata Bridge is a fully compatible cloud connector that can be launched directly from your Patient Management System. An interface that is similar to Noah will make your user experience with the app even more intuitive.

This document will instruct you on how to start and configure Auditdata Bridge.

2 Getting Started

2.1 Bridge Online Mode

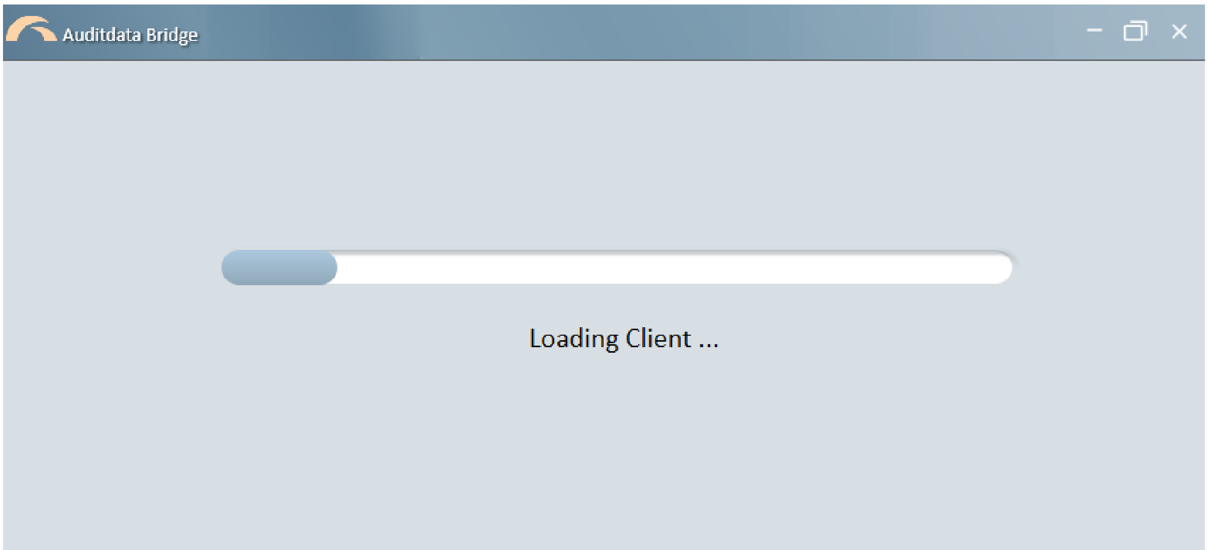
Auditdata Bridge can be started in online mode. So, a stable internet connection is required.

PREREQUISITES:

- An up-to-date operating system
- A valid Noah Engine license
- Noah system version 4.13 or later (Recommended version 4.16.1 or later)
- Installed Auditdata Bridge software

To start Bridge:

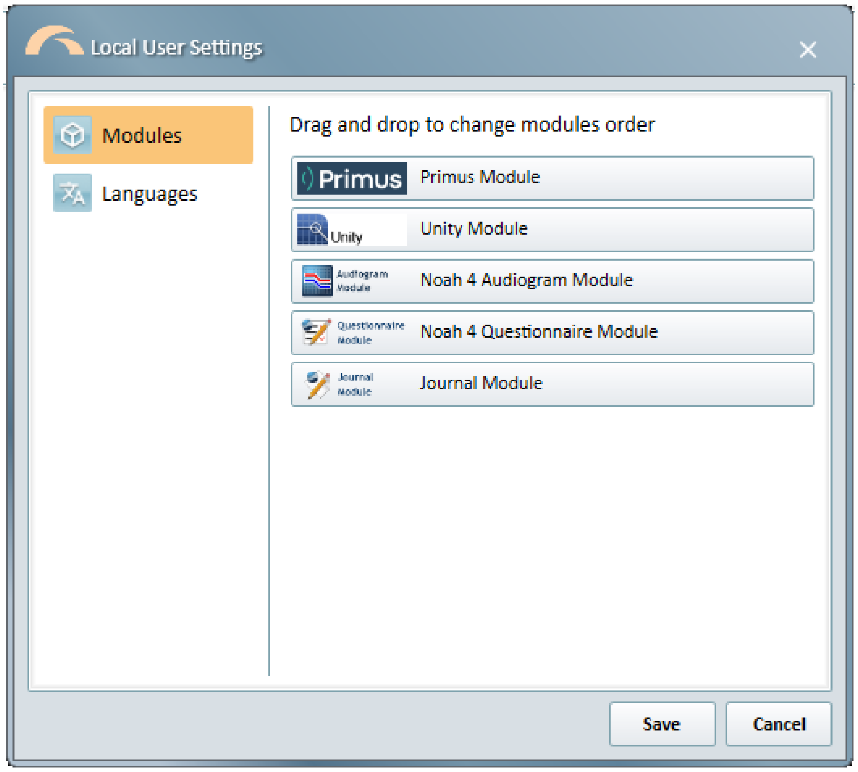
1. Log into your Patient Management System.
2. Select your client.
3. Launch Auditdata Bridge for the client selected.



2.2 Local User Settings

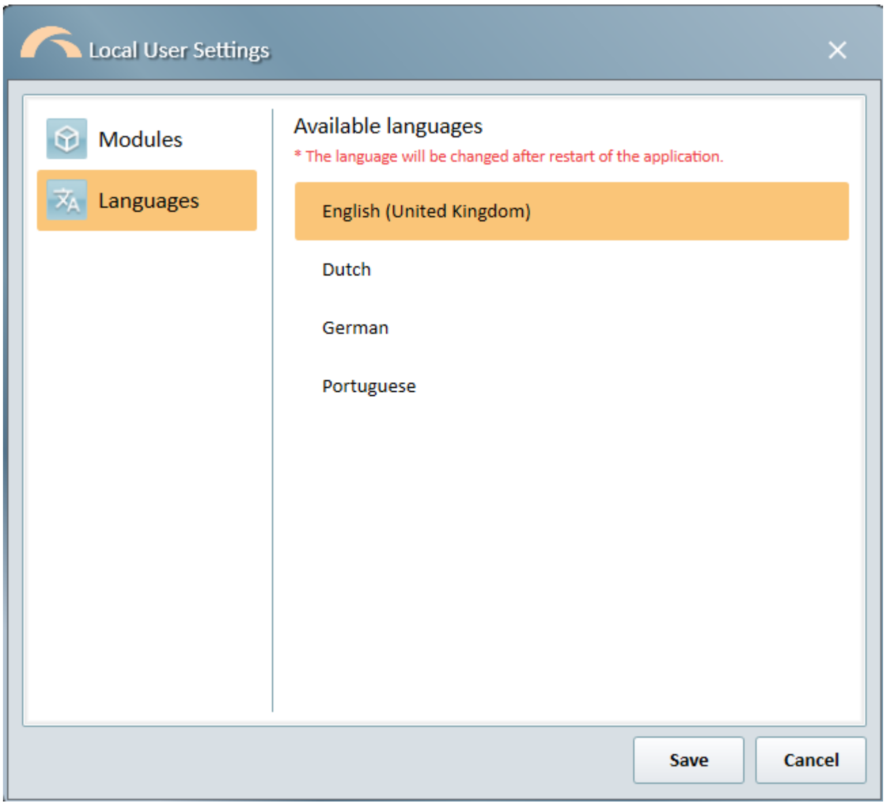
In order to configure settings to better suit your needs, navigate to **Tools > Local User Settings.**

Here you can change the order of the modules on the main screen:



When required, you can also switch the default language.

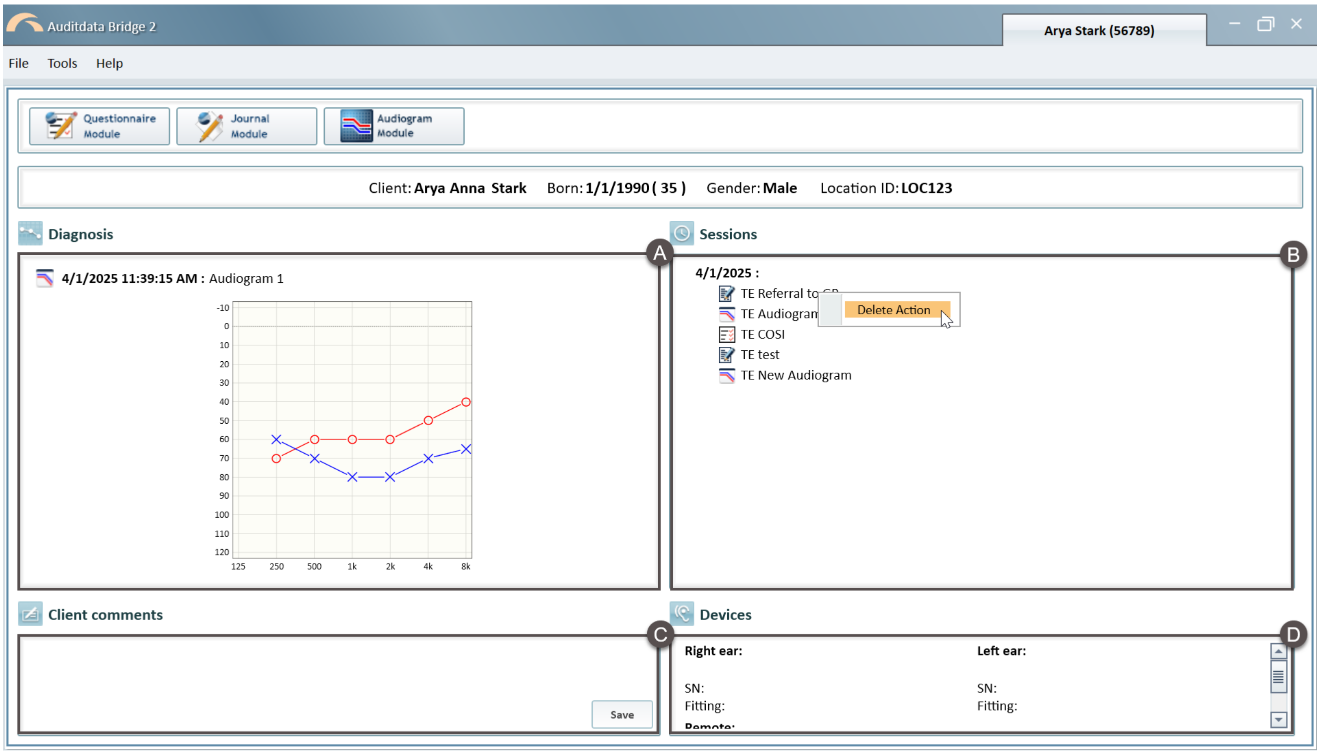
- To do so, go the *Languages* tab and select any language from the available options.



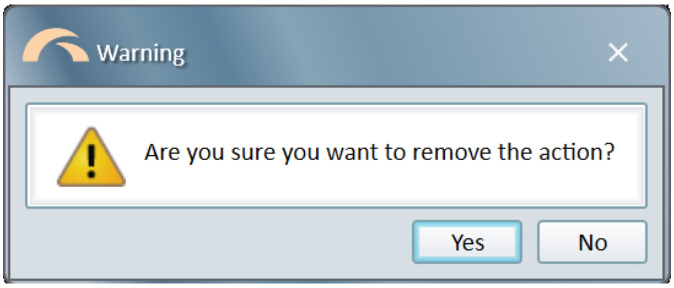
When finished, click **Save**. Restart Bridge to apply the changes.

2.3 Client Data Overview

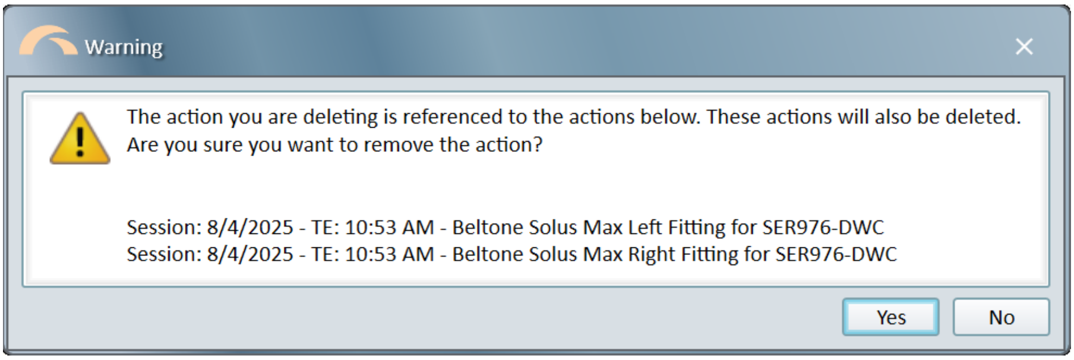
Bridge indicates which client is selected in the Patient Management System. Upon launch, the app will display the main client-related information.



- **Personal data (A)**
  - Personal details *(name, DOB, gender, SSN number or Location ID)*. Such information cannot be modified from Bridge and is only available for viewing.
  - To adjust the configuration and replace the standard SSN identifier with Location ID, please contact Auditdata support.
- **Diagnosis (B)**
  - Audiogram with the latest hearing assessment of the client. This audiogram can be created in Bridge via one of the installed audiometry modules.
- **Sessions (C)**
  - All audiometry sessions for the chosen client including modules used to conduct the corresponding test measurements in Bridge.
  - On hover, each session entry will show details of the particular measurement *(e.g., type and time of the measurement, initials of the user conducting the test)*.
  - It is possible to delete any session action by right-clicking on it. Before deletion, a confirmation message will be shown.

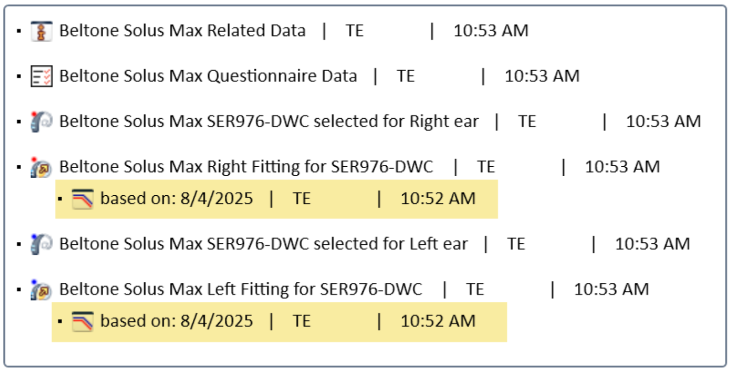


- When the original action (e.g., a diagram) is deleted, any actions that reference it (e.g., fitting actions) are also removed. The corresponding warning message will notify of this.

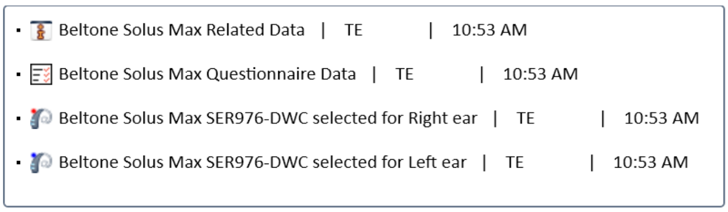


EXAMPLE:

Referenced actions prior to removal



Removed referenced action



*NOTE: Session actions can only be deleted in **online mode**. The ability to delete actions is role-based and can be configured according to your organization's access policies. Roles can be assigned via **Entra ID** or **Manage**. Only users with the appropriate roles will be able to access and use this functionality.*

- **Client comments (D)**
  - New comments created in Bridge. When saved, these comments will appear in the Patient Management System (PMS) if this option is available in your PMS.
  - Comments previously created in the PMS will be displayed in this part of the screen.
- **Devices (E)**
  - Client's latest fitting data, serial numbers of hearing devices.

2.4 Audiograms and Measurements

In Bridge, users can perform a wide range of Pure Tone and Speech tests as well as fitting verification measurements.

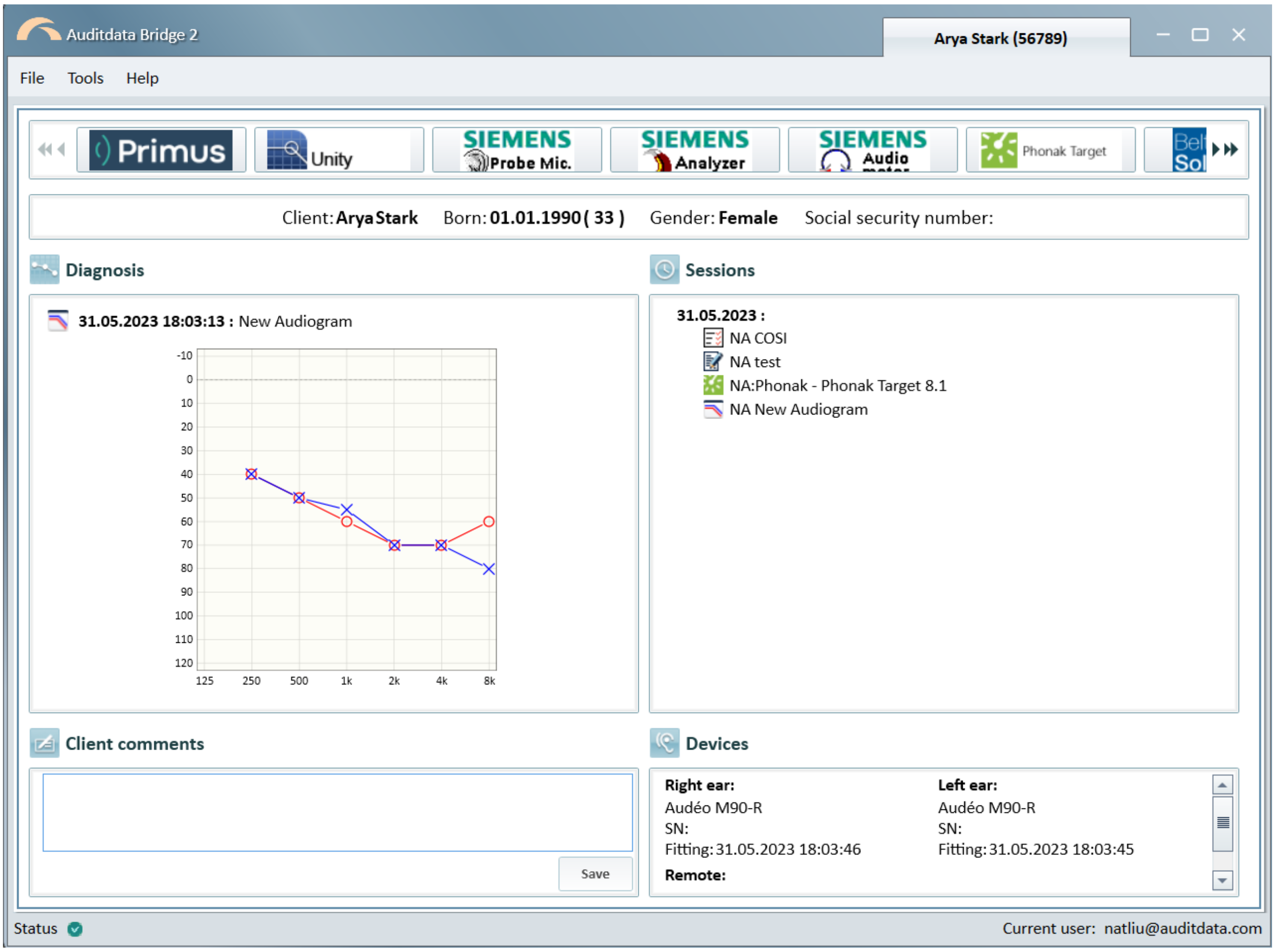
- Measurement modules have to be installed separately.
- The Audiogram module can be used to edit existing Noah audiograms.
- Bridge supports all Noah audiogram formats.

The workflow described below will essentially be the same for all measurement modules.

Create an Audiogram

To do so:

1. Launch the corresponding module by clicking its tile in the **Modules section**.



2. Run a hearing test and record your measurements in the module.
3. **Save.**

2.5 Journal Record Management

Via the Noah's Journal module opened in Bridge, you can create journal entries either manually or using templates.

Create a journal entry

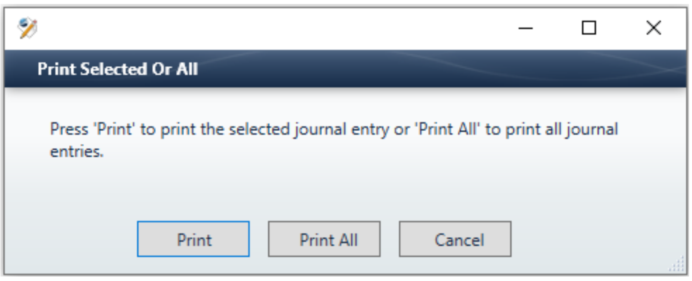
To add a journal entry:

1. Open the module from the *Modules* section.

2. In the *Journal Module* dialog, click Add ( ) if there are existing entries. If there are no previously created journal notes, move to step 3.
3. Create your entry by either manually entering information or using a template.

4. Click **Save** . Upon saving, your entry will be listed among other entries on the left.

5. Use the Print control if you need to print one or all entries.

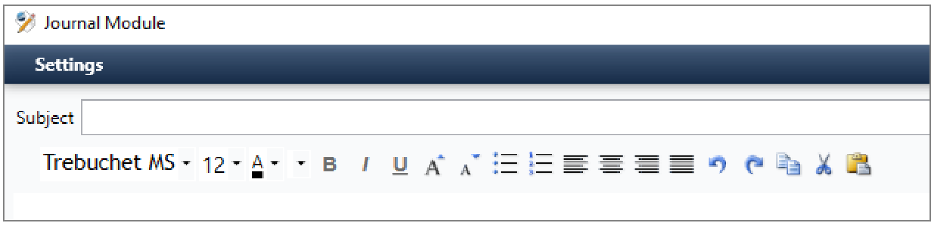


Create an entry template

To create a template, in the Journal Module dialog:

1. Go to **Templates > Manage templates.**
2. In the pop-up that opens, click Add on the right.
3. Enter the subject and text. Apply the required text formatting using the text editor. On

Save, the template becomes available for further use.



2.6 NHAX Client Data Export

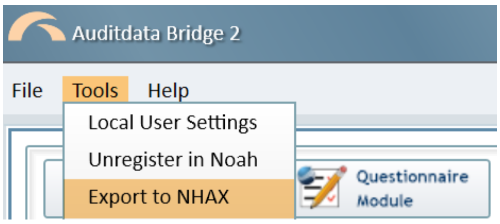
Bridge allows exporting patient data to NHAX files. The 'Export to NHAX' feature is role-based and can be configured according to your organization's access policies. Roles can be assigned via **Entra ID** or **Manage**. Only users with the appropriate roles will be able to access and use this functionality.

The 'Export to NHAX' setting can be tailored to meet your preferences through several available options. It is possible to:

- Conceal this option from the **Tools** menu, ensuring it remains hidden from view.
- Choose to export exclusively as an encrypted file in the ENHAX format.
- Export in either the encrypted ENHAX format or the unencrypted NHAX format, providing flexibility based on your security needs.

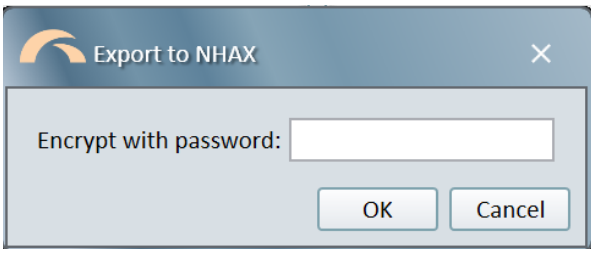
NHAX Export control can be administered from Manage using respective role permissions. For details, please contact Auditdata Support.

To begin the export process, ensure that the necessary setting has been activated. Once you enable the settings, proceed to the Tools menu and select the option labeled 'Export to NHAX.' This will initiate the export.

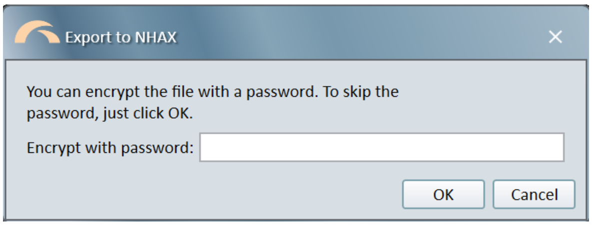


Depending on the configuration, one of the two dialogs will be displayed:

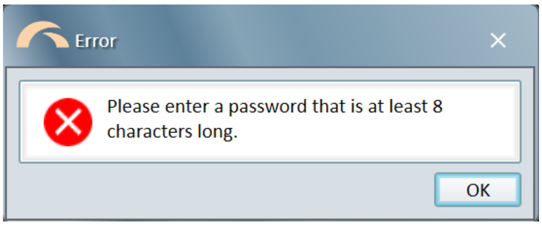
1. If only encrypted files are allowed for export



2. If both encrypted and unencrypted files are allowed for export



3. If the password is not strong enough according to length requirements, the following warning message will be shown:



2.7 NHAX Client Data Import

Bridge supports importing patient data directly from ENHAX/NHAX files. Import NHAX functionality is role-based. These roles can be assigned via **Entra ID** or **Manage**, depending on your organization’s setup. Only users with the appropriate roles can access and use this feature.

> *NOTE: The option to import data from ENHAX/NHAX is only available when Bridge is operating in* ***online mode****.*

PREREQUISITES:

Before you begin:

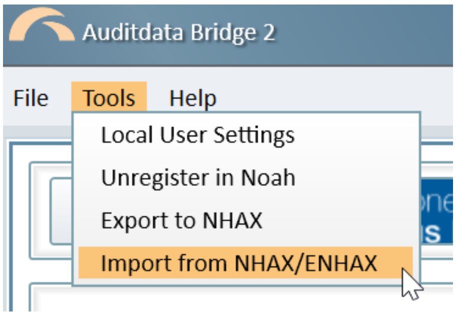
- Ensure you are using Bridge version 2.5.0 or later.
- Confirm that “Import from NHAX” functionality is enabled in Bridge.
- Make sure that your user role includes the permission to import NHAX data.
- Restart Bridge after making any configuration changes.

Importing patient data

In order to import client data:

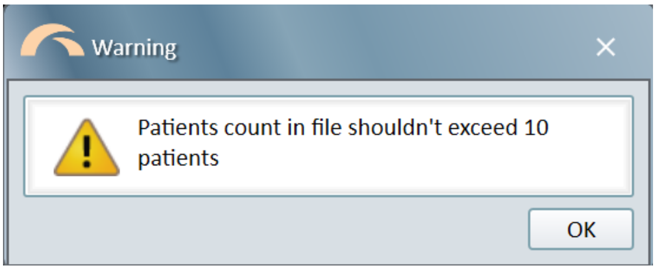
1. **Open Bridge**

    - Launch Bridge.
    - Go to the **Tools** menu.
    - Select "Import from NHAX/ENHAX".

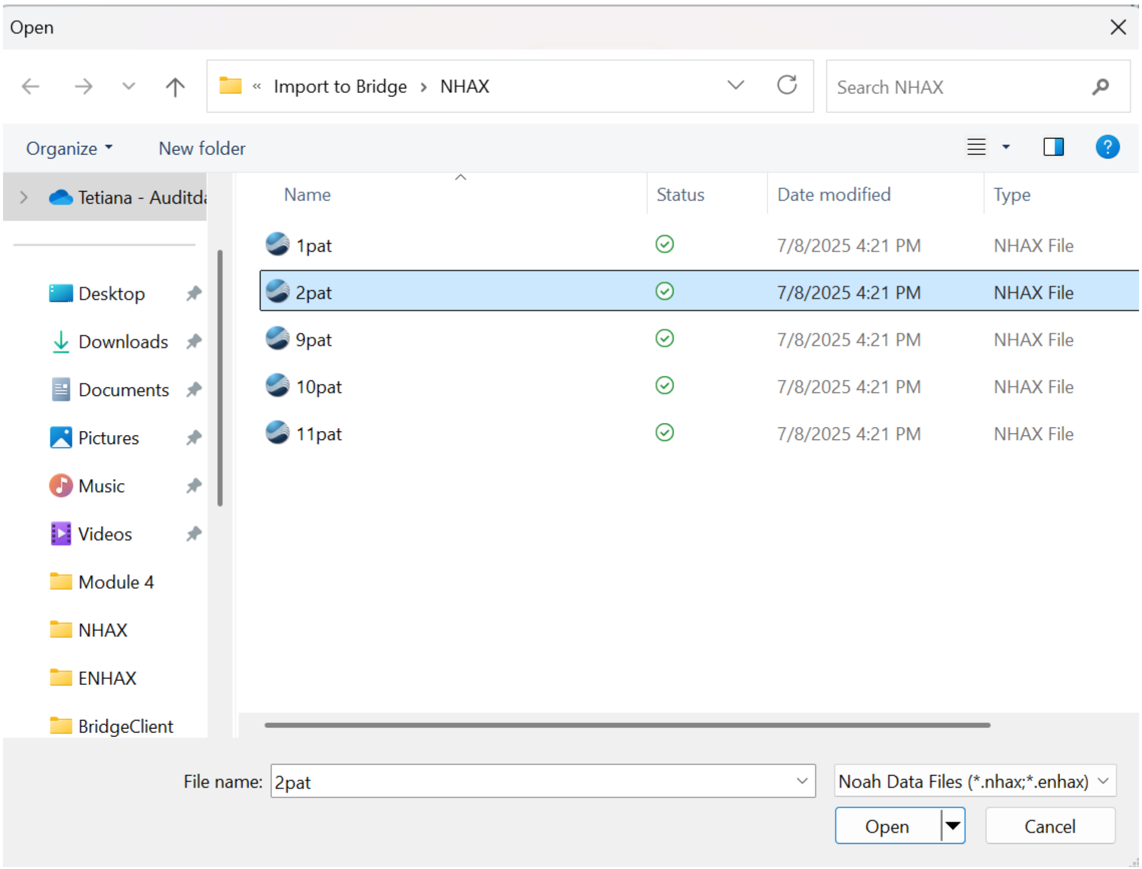


2. **Select a file**

    - Choose a single NHAX or ENHAX file (multiple selection is not supported).
    - If the file contains more than 10 patients, a warning will appear and the import will not proceed.

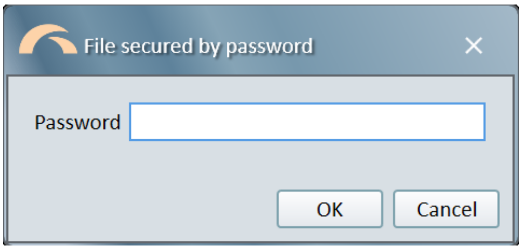


- Click **Open**.



3. **Enter password (ENHAX only)**

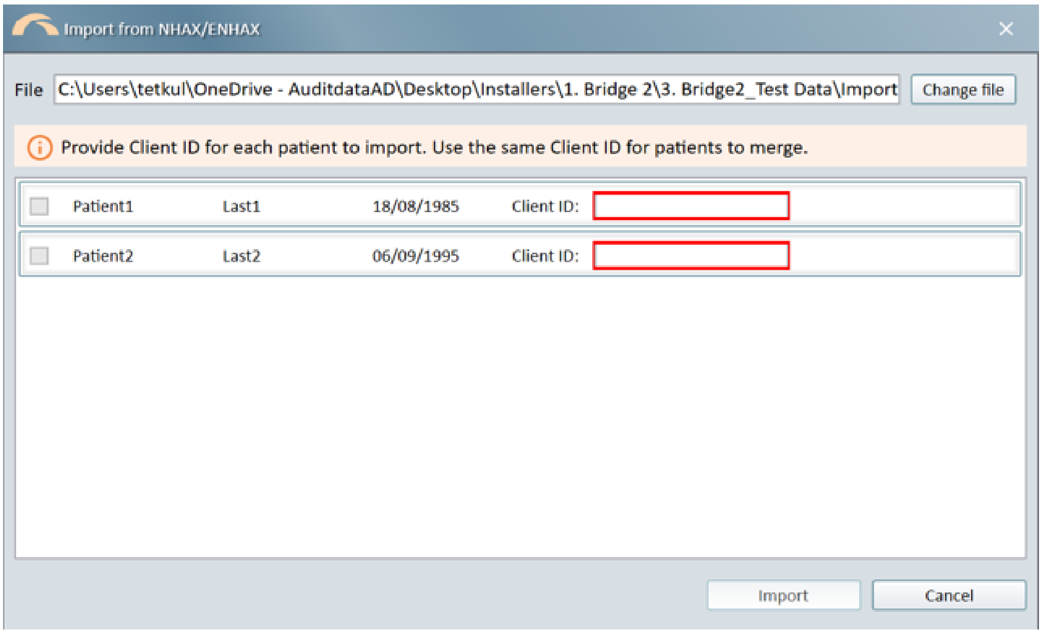
- If the file is encrypted, enter the password when prompted.
- Click **OK** to continue or **Cancel** to exit.



4. **Review and select patients**

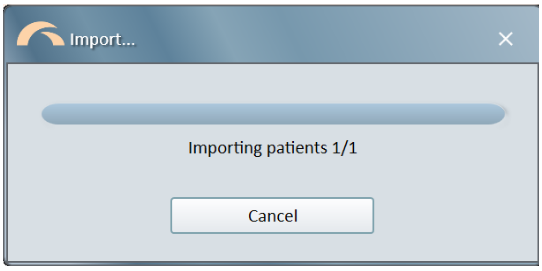
- A list of patients will be displayed. For each patient:
  - Enter a **Client ID** (required).
  - Check the box to include them in the import.

- Click **Change file** if you need to select a different file.



5. **Start the import**

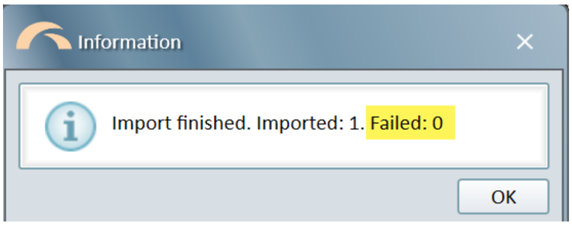
- Once at least one patient is selected, the Import button becomes active.
- Click **Import** to begin.
- A progress window will show the status (e.g., "Importing patients 2/5").



6. **Review import results**

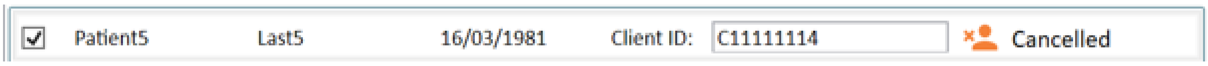
After the import is finished, an import summary pop-up will show:

- The number of **successfully imported** patients
- The number of **failed** or **cancelled imports**, with both categories marked and counted as "Failed"



Cancelling import

You can cancel the import at any time during the import process using the **Cancel** button. Cancelled patients will be shown with the corresponding status in the import table.



Merging patient data

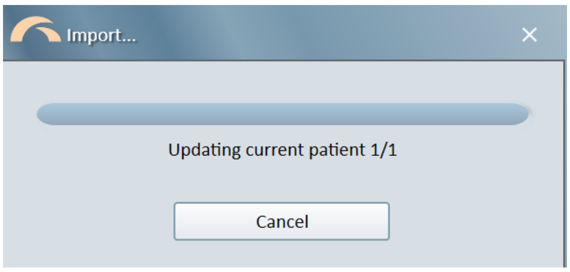
Bridge supports merging imported patient data with the currently opened patient, allowing seamless updates to existing records.

Merging conditions

Merging happens **automatically** if the imported patient has the same **Client ID** as the currently opened patient.

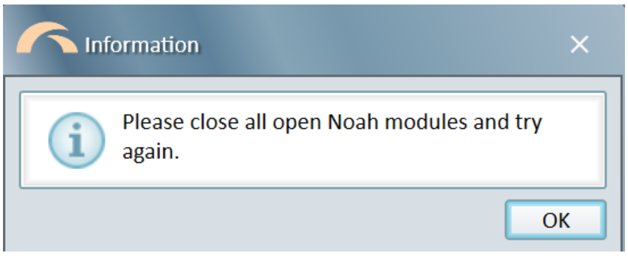
How to complete a merge

During the merge, Bridge displays a pop-up window stating the merge progress. Allow the merge to complete automatically during import, or click **Cancel** or **[X]** to exit without applying changes.



Noah module conflict

Import is blocked if any Noah module is open. A pop-up will prompt you to close all modules before retrying.



2.8 Bridge Offline Mode

Offline mode can be used by specialists to work with clinical records locally. Then client data can be synced back to the online database.

There are two ways to start Bridge in Offline Mode:

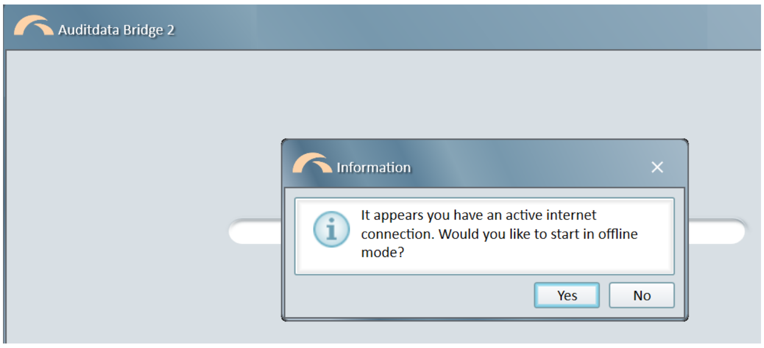
- **With a stable internet connection:** accessible from the WINDOWS START MENU only.
- **Without an internet connection:** accessible from your Patient Management System and from the WINDOWS START MENU.

NOTE: Before Bridge can be launched in the offline mode, it must first be run online.

Starting Offline Mode

Bridge can be started in Offline mode directly from the WINDOWS START MENU, even if there is an active internet connection. This allows working in an offline environment without the need to disconnect from the internet, providing greater flexibility and convenience. Whether you are in a location with intermittent internet access or simply opt to work offline, this mode ensures that you can continue using Bridge seamlessly.

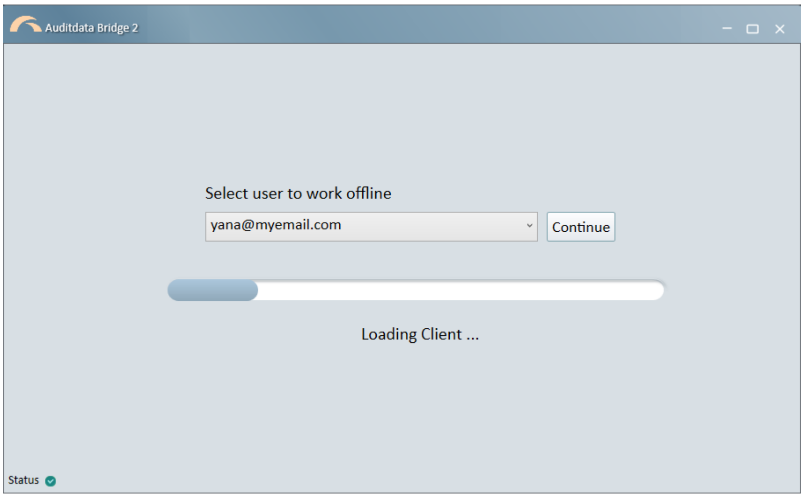
When opting to use the Offline Mode with an active Internet Connection, the system will ask if you would like to start in offline mode.



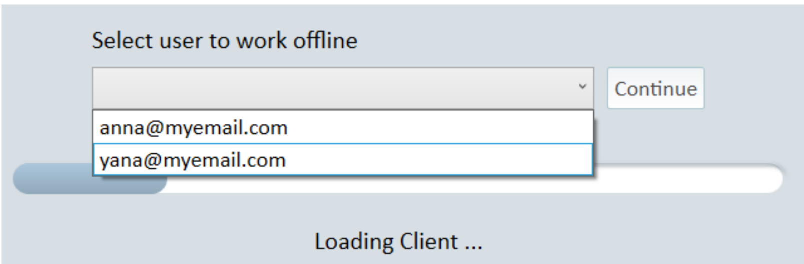
Regardless of the Bridge start method, the next step is logging into the system.

Logging in

1. You can log in using the Bridge icon/logo in your Patient Management System (e.g., in Manage, it will look like this). On the Start screen, you will be prompted to choose a user for offline login.



NOTE: Up to 5 users that last logged into Bridge can be displayed in the dropdown list. If users logged in from different environments, these environments' names/IDs will be shown in brackets. If all users logged in from the same environment, the environment will not be displayed.



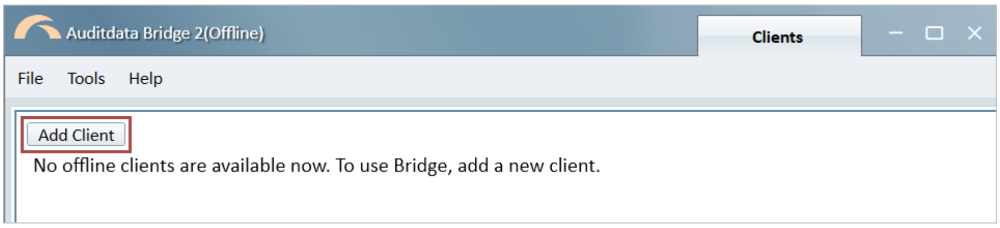
2. Once you have selected your user, click **Continue** to proceed.

Creating a client entry

To be able to work with client data offline, you need to create an entry for the client *(including first name, last name, DOB, email)* in the offline mode. If the client already exists in your Patient Management System, you can merge data when you are back in the online mode.

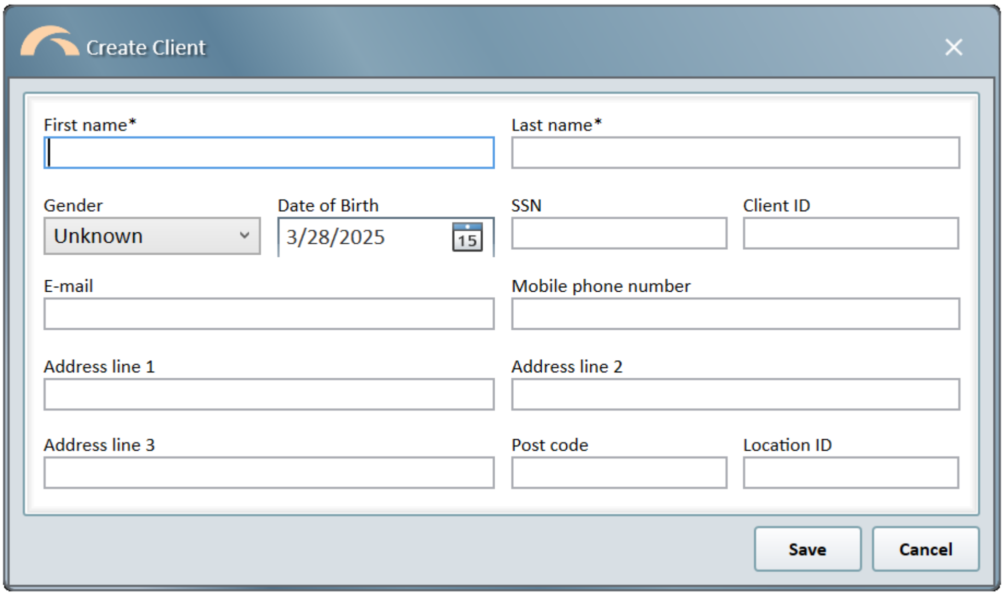
To create a client entry in the offline mode:

1. On the **Clients** tab, click the **Add Client** button.

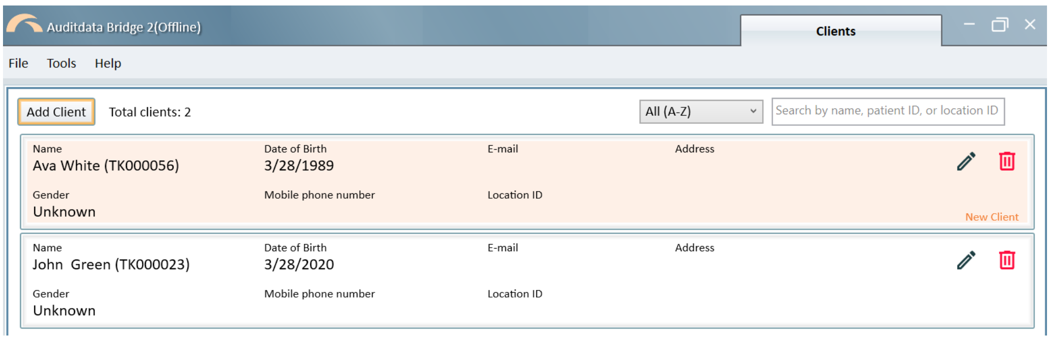


In the dialog, provide relevant information. Date of Birth can be any date before the current date.

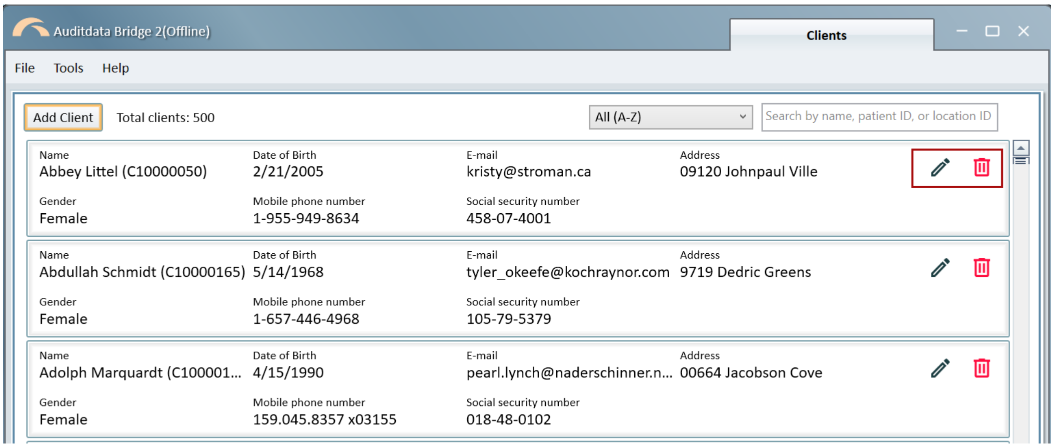
NOTE: mandatory fields are marked with an asterisk (*).



2. Upon **Save**, the client entry will appear on the **Clients tab.** The new clients created during the current Bridge session will be highlighted.

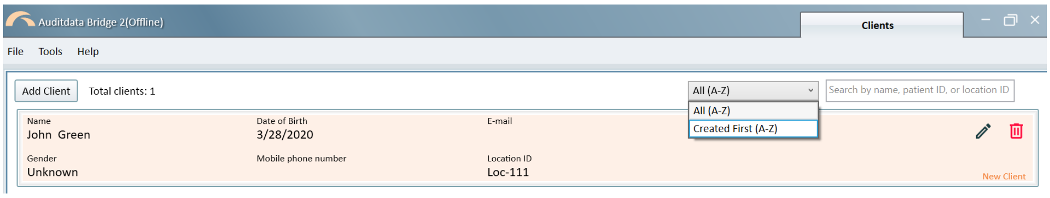


All added clients will be displayed in a list. Up to **250 clients** can be added. You can later review the list, delete and edit personal information of the clients using the corresponding controls.



For easier search, use sorting or filtering options.

Available search fields are: *First Name, Last Name, Patient ID, Location ID*.
Available sorting options are: *All (A-Z), Created First (A-Z)*



Working with client data

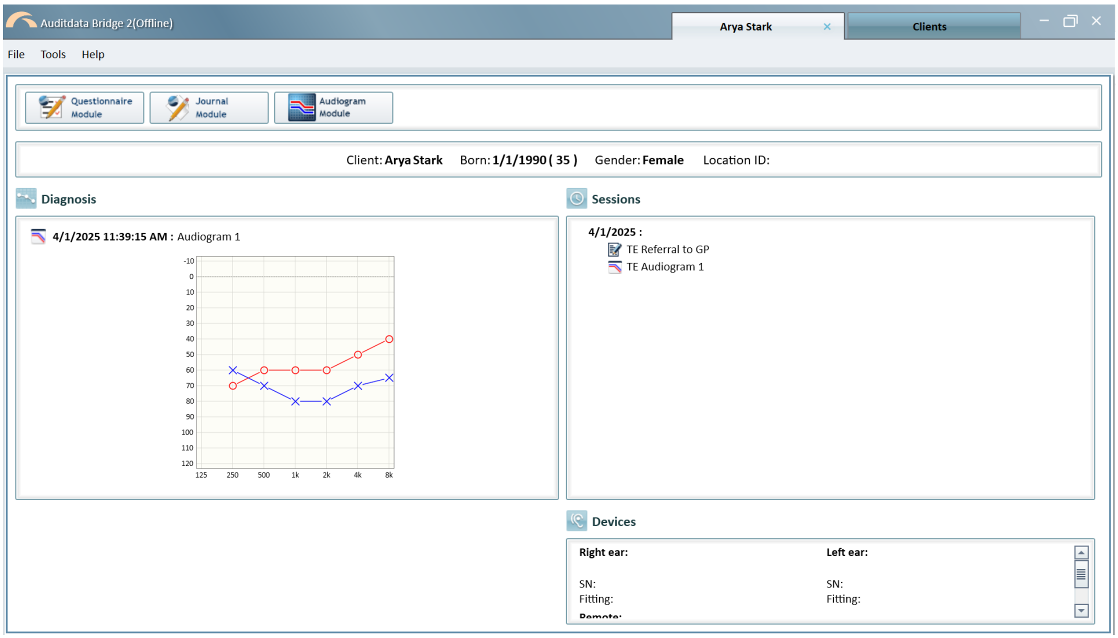
In the offline mode, it is possible to work with only ONE client at a time. You can run measurements, do fittings, or add journal notes and questionnaires for this client.

To start working with data:

1. On the **Clients tab**, double click the selected client field. The **Client screen** will open and the information about the chosen client will be displayed.
2. For a hearing test, use any of the available measurement modules. The last audiogram will appear on the **Client Screen > Diagnosis** section.

   All related activities will be listed under **Sessions**.

   NOTE: Comments are not supported in the offline mode and the Comments' section is not available.



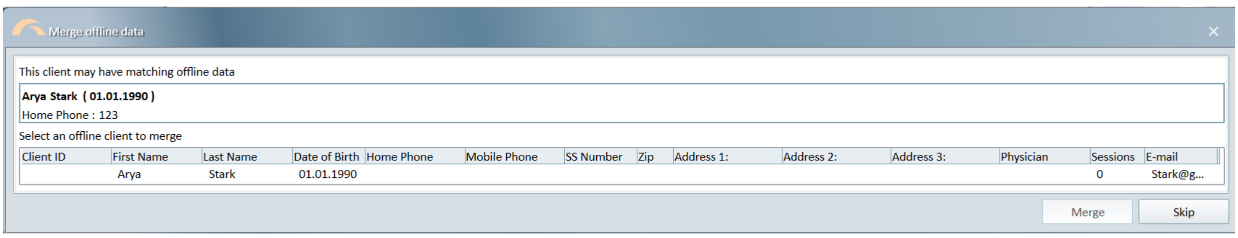
Syncing offline data

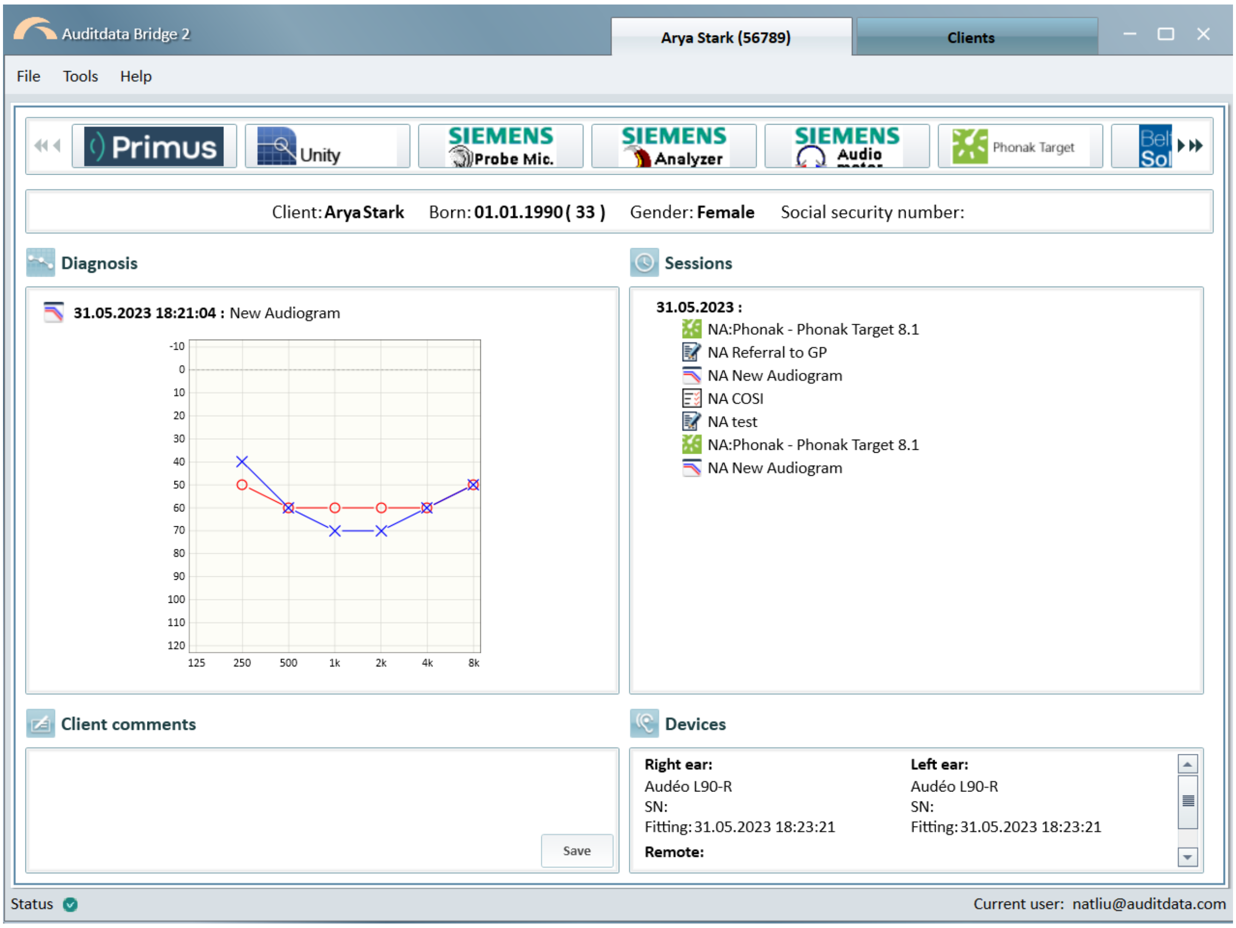
After you are back online, you need to synchronize the offline records with the cloud database.

Synchronize the current client

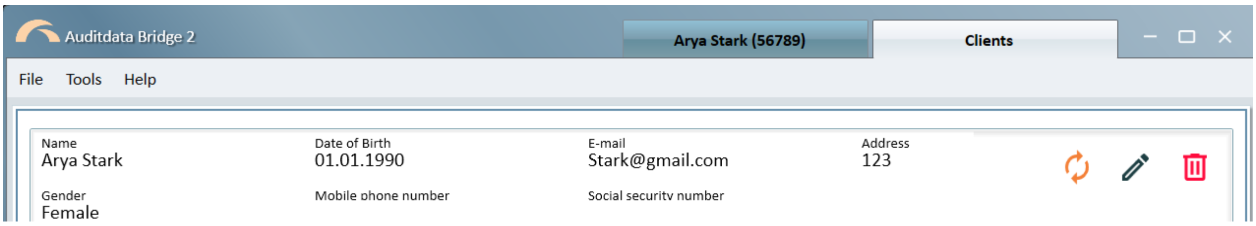
To synchronize the current client, follow this process:

1. In your Patient Management System (PMS), open the client(s) whose data you need to sync.
2. Launch Bridge by clicking the Bridge icon/logo.
3. If Bridge finds that the current offline client is a match to the client in your PMS and a potential candidate for merging, the "Merge offline data" dialog will open.
4. On the 'Merge' dialog, select the Client and click **Merge.** Synced client will be removed from the **Clients tab** in Bridge and all synced actions will be displayed under **Sessions** on the Client screen.





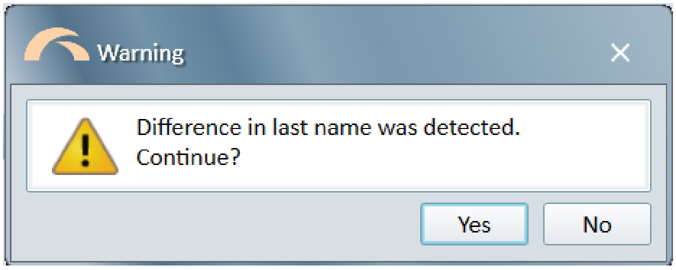
5. Optionally, you can skip syncing at launch and do it later from the **Clients** tab using the respective control.



Client merging scenarios

USE CASE 1: offline client is created with a Client ID

a) Offline Client and the PMS (Patient Management System) patient have the same ID and last name: data will be merged instantly.
b) IDs are the same but the last name differs: a warning will be shown prior to merge.



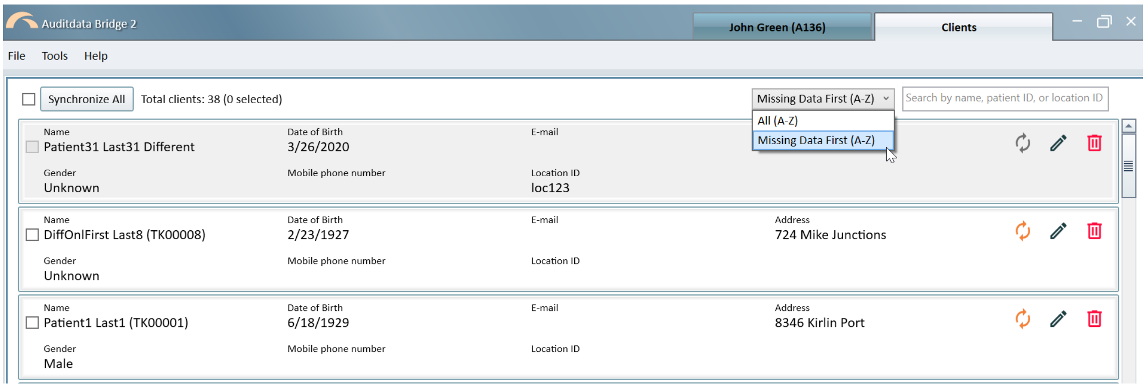
USE CASE 2: offline client is created without a Client ID

a) Offline client has the same last name, first name, DOB, and ZIP code as a PMS online patient: data will be merged using available patient parameters.
b) There are several offline clients with the same last name, first name, DOB, and ZIP: you will have to decide which client needs to be merged with a PMS patient.

Synchronize any client(s)

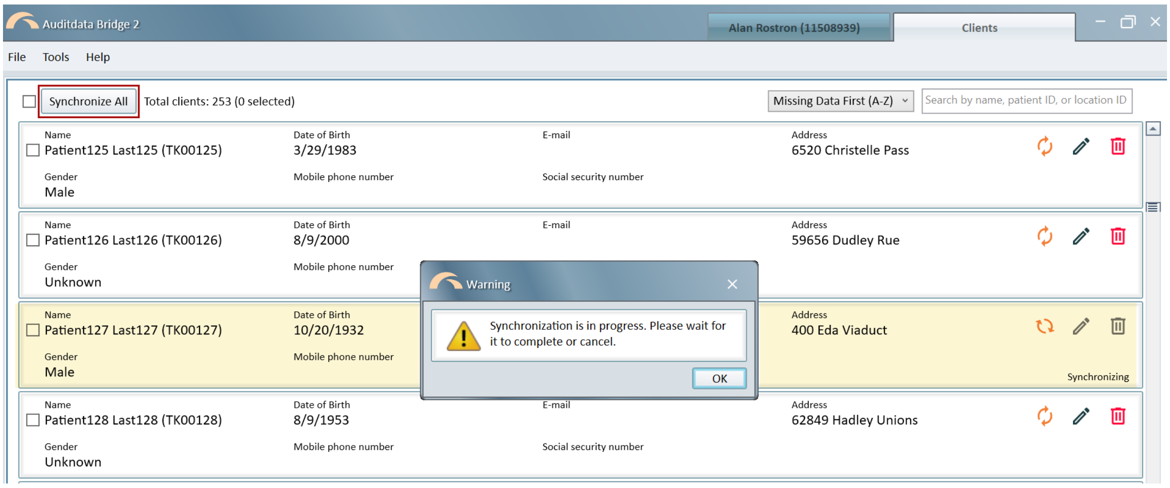
1. Launch Bridge by clicking the Bridge icon/logo.
2. On the Clients tab, find the client you need to sync. For easier search, use sorting or filtering options.

   Available search fields are: *First Name, Last Name, Patient ID, Location ID*.
   Available sorting options are: *All (A-Z), Missing Data First (A-Z)*



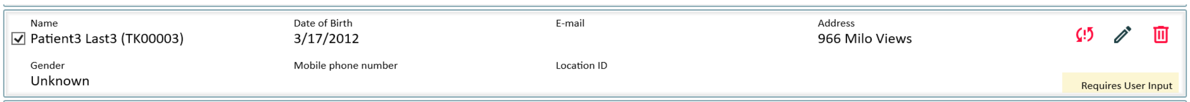
3. Decide on a synchronization option:
   - To **synchronize a single client**, click on the sync icon on the client entry.
   - For **bulk synchronization**, select the checkboxes next to multiple clients and click "Synchronize All" to sync the selected clients.

- To **synchronize all offline clients**, select the checkbox next to the "Synchronize All" button at the top left corner of the patients list, then click "Synchronize All".



If a client cannot be synced, the system will mark the client entry with gray and produce a notification.

If user input is required, the client entry in question will be marked accordingly and the sync button will contain an exclamation mark.



2.9 Prepare for Offline Mode

Bridge's Prepare-for-Offline mode allows users to work with historical client data and create new patient records without an internet connection. This mode is useful for healthcare professionals in remote or offline environments, ensuring that patient records remain accurate and up-to-date. Once an internet connection is available, these records can be synchronized with the online database.

Bridge's Prepare-For-Offline mode offers:

- **Seamless Workflow:** Work smoothly in limited internet areas or offline.
- **Capacity:** Download up to 250 clients' historical data from your Patient Management System to work offline. Additionally, you can create another 250 clients manually.
- **Accessibility:** Both types of clients (loaded in Bridge automatically and created manually) are available on the CLIENTS tab in Offline Mode.

For clients prepared for offline use:

- Demographics data is available in read-only mode.
- Actions created in online mode cannot be deleted manually in offline mode.
- Client data prepared for offline can be managed in offline mode in the same way as manually created offline patients. For details, see Bridge Offline Mode.