

Brain Fingerprinting Application

- Ease of Use
- Portable
- Unparalleled Accuracy Rates
- Ease of Learning
- Multi-lingual

The Brain Fingerprinting system uses English-US as a default language. But this entire application can be translated to any language with the click of a button.

Features - Application Highlights

Home Dashboard Window

- The Dashboard consists of the following:
 - Recently Worked Cases
 - Recently Worked Subjects
 - Test License Details
 - Recently Worked Test Setups
 - Recently Worked Test
 - Recently Analyzed Test
 - Internet Connection Status
 - Headset Status
 - Second Monitor
 - Application Expiration Details

Record Library:

- *Case Manager*
 - In the Case Manager window, the user can create a new case, add files to a case, update/view an existing case, or delete a case.
 - Add Subjects to Cases
 - Assign Cases to specific users (Administrator, Operator, Supervisor, Manager)
- *Subject Manager*
 - In the Subject Manager window, the user can create a new subject, update/view an existing subject, or delete a subject.
- *Fact Manager*
 - In the Fact Manager window, the user can create a new fact by adding a probe, target (known facts), and irrelevant information to a selected case. The user can also update/view a fact or delete a fact.

- The case fact can be Text or Image. If the case fact is Text then the application provides a space to enter the case fact. If the case fact is image then the application provides a window to choose the images.
 - The Brain Fingerprinting system uses English-US as the language for the graphical user interface (GUI). If the subject's first language is not English, you can enter or translate case facts and test instructions in a different language. After the first time the case facts or test instructions are entered in a different language, the Brain Fingerprinting system retains the translation for future use.
 - The user can use case facts in one case that were developed for another case, use the Import function.
- *Test Protocol Manager*
In the test Protocol Manager Window, the user can select the modality type (pictures or Text), And then create groups and sets to combine all of the information that will be shown to the test subject during the Brain fingerprinting Test.
 - *Test Setup manager*
In the Test Set Up Manager Window, the user can select an existing test set up or create a new Test set up, which consists of the name of the Test set up, choosing the protocol to be used, choosing the subject to be tested, The type of subject taking the test (Witness, Perpetrator, Victim, Other) .

Brain Fingerprinting Test

During a Brain Fingerprinting Test, the test subject's brain responses to each presented picture or short words or phrases are measured and recorded by the Brain Fingerprinting headset and communicated wirelessly to the Brainwave software for future analysis.

Perform Analysis

In the Analysis window, the user can select the case, the subject, and test set up type to display a time/Date stamped list of completed tests from the same test subject and run an analysis. The Analysis Module computes a determination of "Information Present" or "Information Absent". In addition to a visual graph, a statistical confidence determination is made in percentage either "Information Present" or "Information Absent". The statistical confidence provides the probability that this is a correct determination based on the mathematical analysis of the Brainwave Data.

Replay test

In the Replay Test window, The Brain Fingerprinting Software allows you to choose a specific Date/Time stamped test, from a specific test subject, and allows you to review the Brains responses to each individual picture/ short word or phrase that was presented during the Brain fingerprinting Test.

Tools

- *Import/Export*

In this module the user can select any case and case related information (case fact, subjects related to the case, Case facts, Test Protocols, Test Setups) and export. This will create an xml which the user can send anywhere. In the import when the user selects an xml file the case and case related information would be downloaded to the application.
- *Image Editor*

The Image Editor window consists of simple to use functions that assist with re-sizing Photos to ensure consistency of test picture sizing. This tool also allows cropping of larger photos to focus on smaller details of a photo. The Brain Fingerprinting Application allows only specific size images (640 X 480). So if the user have images which are not in the specific size, the user can use this tool to modify the existing image to system actable image size.
- *Headset Configuration*

The Headset Configuration window searches wirelessly for the available headsets in the environment. Once the user selects a particular headset and save, that headset will be used for the Brain Fingerprinting application while testing. This function is useful to check whether the headset is On or Off before conducting the test.
- *User Management*

This functionality will allow the administrator to add/edit/delete users who can access the application
- *Language Settings*

The Brain Fingerprinting system uses English-US as a default language. But this entire application can be translated to any language with the click of a button. The translated language will be listed in a dropdown list. When the user selects a language and save, the whole application will be translated to the selected language.

Online

- *License*

When the user wants to add more users or test licenses, Brainwave Science will provide the keys. The user can add the keys to manage licenses.

- [Software Update](#)
Whenever Brainwave Science uploads an update of the Brain Fingerprinting Software Application in the server, the user can click the update button and this will update the Brain Fingerprinting Software application to the latest available version.
- [Remote Assistance](#)
This will provide information for the users to connect to our technical department if there is any issue that cannot be solved over phone.

Help

- [Operator's Guide](#)
This will provide a user manual (user operating guide) to user. This will provide a searchable pdf document. The user can look for any information about the Brain Fingerprinting software application in this document.
- [Technical Support](#)
This will provide our technical team contact details. So that the user can contact us anytime if they have any questions about the application or troubleshooting the application.
- [About us](#)
This will provide the details about Brainwave Science – Brain Fingerprinting.