BrainFingerprinting

Immigration

BRAIN FINGERPRINTING IN IMMIGRATION

Protecting borders and unearthing criminals through pioneering science of Brain Fingerprinting.

The world has become more interconnected, and is projected to increase. It has become easier for people to move across borders and tap into informal social networks to establish housing and job security. The rapid increase in the number of immigrants worldwide has brought increased attention to the security challenges brought with it. Denying access to criminals and threat actors is essential to establish internal security. To do this, law enforcement must be able to definitively distinguish between legitimate immigrants and terrorists and other criminals. Preventative measures such as a proper vetting process can save governments an exorbitant amount of resources and costs in the long-run. While biomarkers reveal an identity of a person, Brain Fingerprinting can establish the missing link between a person's identity on paper and his/her true identity--whether an individual is a trained terrorist, bomb-maker, trafficker, drug lord, etc.

CHALLENGES IN ILLEGAL IMMIGRATION

Developments made in communication, transportation, and weaponry have enabled terrorists and criminal actors infiltrate territories in a way that was simply impossible in the past. Large-scale immigration of any kind overwhelms law enforcement's ability to screen newcomers with the kind of attention to detail that modern threats demand. Under modern conditions, illegal immigration presents an insurmountable security challenge that must be met by tightening border security measures.

Security experts agree that the biggest challenge of mass immigration is the ability to screen out malefactors at the point of arrival. A preceding concern is the way immigration creates and refreshes immigrant communities, serving as potential incubators for enemies. The failure to implement thorough screening processes, intelligence collection, and intelligence sharing on millions of entrants on a daily basis, can result in increased smuggling, trafficking, and more recently experienced, terror attacks.

Though biometric systems such as retinal scans and fingerprints can help determine whether the person matches the documents being presented, such methods confront severe limitations when documents are missing, prior biometric information of the person is unavailable, and if records have been manipulated and forged. A highly advanced security solution that can directly match crime-related information directly from the brain of an individual is no other than Brain Fingerprinting.

BRAIN FINGERPRINTING SOLUTION

Brain Fingerprinting is designed to offer a powerful specific screening solution for border agents, immigration officers, and customs officials. With performance and practicality in mind, Brain Fingerprinting is designed to detect concealed information of individuals who cause suspicion or has been identified as a highly suspect individual with past criminal history. Standard practices such as further questioning and interrogation at specific border checkpoints prove unfruitful and ineffective when there are no scientific, time-efficient, and cost-effective means to verify the testimonies of these individuals.

Specific screening tests through Brain Fingerprinting enable immigration officers to corroborate testimonies of suspects by analyzing patterns of a specific brain response called the P300 MERMER. The solution detects whether a person is harboring terrorist-related information, such as IED-bomb making knowledge, other forms of terrorist training-related information, names of affiliates--any information that would deem a person 'high-risk.' Brain Fingerprinting results provide immigration officers probable cause for suspicion and further investigation to take place.

For some countries, border agents and immigration officers are required to have substantial hard facts that prove an individual's criminal record to legally turn away asylum seekers and refugees. In most cases, law enforcement has some degree of evidence but not nearly enough to legally deny admission. Brain Fingerprinting can easily cross-verify an asylum seeker's account and determine whether the person is concealing incriminating information that he/she denies knowing. The critical evaluation to be made in these cases is to determine who has incriminating knowledge and who participated in illicit activities in a fast, cost-effective manner. Only guilty parties will know the exact details of violations, bribes, and criminal activities. Detection becomes virtually certain.

After years of research and development, Brain Fingerprinting tests have achieved a consistent calibration of results that are over 99% accuracy. Reactions from the human brain cannot be consciously controlled, thus by default, false positives and false negatives are eliminated. Within one hour of testing, tests can reveal whether specific information, which would otherwise be concealed, is either 'present' or 'absent' in a person's memory bank. When an immigrant cause suspicion, this scientific tool is instrumental in detecting whether he/she is linked to terrorist or crime organizations, terrorist training, or inside involvement with a hostile agencies. The Brain Fingerprinting system uses a knowledge-based method of criminal identification, designed to upgrade and enhance conventional screening methods.

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KEY FEATURES

Accuracy	99.9%
Reliability	High
Applicability	85-90% of civil and criminal cases
Counter Measures	Zero
False Negatives	Zero
False Positives	Zero
Language Translation	Available in all languages
Results Calibration Time	Instant
Portable	Yes
General Customization	Available
Cost-effective	Yes
Field Tests Conducted	FBI, CIA, U.S NAVY
Admissible in U.S Courts	Yes

ADVANTAGES

Brain Fingerprinting helps organizations fill the critical gap in identifying suspects using cognitive-psychophysiology.

It provides immigration officers with capabilities never available before:

- Accurately and safely screens suspects using an infallible witness—the human brain--to stop terrorists, transnational criminals, and wanted individuals *before violence or crime can occur*

- Empowers customs, immigration, and other law enforcement personnel in interrogation and investigation in corroborating suspects' testimonies and cross-verifying information on suspects

- Delivers results that are of the highest levels of accuracy and reliability

- Upholds the moral integrity and privacy of the suspect

- Ensures rapid testing time and calibration of results thus increasing crime clearance rates in multifold

- Meets the highest standards of cost-effectiveness

HOW IT WORKS

Subject Preparation

Step 1

The first step is to correctly Place the wireless Headset, which uses sensors (electrode) to collect the brain responses from the scalp and muscle movements.

Launch Application

Step 2

A series of crime or event specific, relevant and irrelevant stimulus in the form of words, phrases, or pictures are flashed on a computer screen.
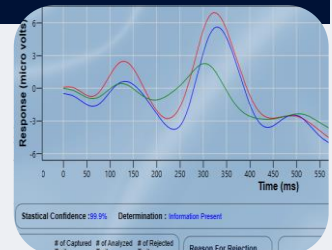
Collect Brain Responses

Step 3

Collect the Brain responses for each words, phrases, or pictures in the form of EEG signals.

Analyze the Result

Step 4

The collected brain responses to the stimuli are analyzed with the patented techniques and scientific algorithms to determine whether the information under test is present or absent.

The Statistical Confidence of the result is over 99% accurate

In border security, immigration, and customs, there are many available biomarkers such as fingerprints and retinal scans that can detect whether a particular individual is the same person as the person represented on his/her identification papers. What these biomarkers do not detect is whether or not this person is a threat to national security – a bomb/IED maker, a trained terrorist, a terrorist financier, a member of a specific terrorist cell, etc. This information is stored in the individual's brain and can be exhumed by utilization of Brain Fingerprinting.