



BrainFingerprinting

BRAIN FINGERPRINTING IN LAW ENFORCEMENT

Brain Fingerprinting is poised to revolutionize how crimes are solved...

By detecting the record of the crime stored in the brain.

The responsibilities of local and national law enforcement to detect, deter, rehabilitate, and punish those who commit violent crimes are increasingly complex. Police organizations are forced to adapt and evolve to remain effective in a changing world. In addition to homicide, rape, assault, and theft, law enforcement professionals are called to combat challenging threats that transcend national borders such as terrorism, corruption, conspiracies, human and drug trafficking, and cybercrime. New technologies that compellingly cater to law enforcement needs in their applications, cost-effectiveness, and applicability are limited. Advancements made in neuroscience and cognitive psychophysiology provide law enforcement with a breakthrough solution for investigatory practices. Brain Fingerprinting plays instrumental role in delivery of truth and justice through enhancing intelligence collection and evidence verification.

CHALLENGES IN LAW ENFORCEMENT

Law enforcement face difficulties in finding and securing evidence to verify a victim, witness, or suspect's testimony. Handling false accounts, tips, manipulated case facts are normative practices in investigation. Accurately corroborating evidence and testimony of suspects or victims require an exorbitant amount of time and resources, a luxury that many law enforcement agencies do not have.

While technological advancements have made the criminal a better criminal, police don't have nearly enough resources to catch crooks to any meaningful extent. As a result of insufficient evidence and the lack of time and resources to collect it, law enforcement responses to crime are slow and inadequate. DNA and fingerprints are types of evidence considered to be highly accurate, but are only available in 1-2% of cases. Law enforcement struggle to cope with sophisticated 21st century threats primarily due to conventional technologies and traditional methods of collecting intelligence.

The highest priority of law enforcement lies in its ability to definitively identify criminals before criminal offenses occur. Equally important is to catch perpetrators after criminal acts are successfully carried out. Interrogation oriented towards uncovering evidence after crime is committed, is a costly and poor way to infiltrate corrupt networks. Effective investigation and prosecution of criminal activities require proactive evidence collection and verification methods.

Law Enforcement

BRAIN FINGERPRINTING SOLUTION

Every criminal leaves evidence behind. The key is to know how to find it.

Mitigating risks in today's constantly changing environment requires security solutions that are timeless and unprecedentedly innovative. By standardizing the use of first-of-its-kind Brain Fingerprinting technology in investigations, law enforcement benefit from a scientific and objective means to resolve who exactly the perpetrators and accomplices are and their level of participation in any given crime. Brain Fingerprinting utilizes advancements made in the field of neuroscience to enable a highly accurate identification of a person by distinguishing what a suspect, witness, or victim truly knows.

According to experts at FBI, Brain Fingerprinting is applicable in 85 – 90% of cases. A test can be conducted on a suspect whenever there are some leads and evidence available. With these breakthrough applications, investigators can easily corroborate testimonies from victims and witnesses, often critical to bring trafficking, theft, homicide cases forward to prosecution. In cases where the criminal act has yet to take place, Brain Fingerprinting can accurately match what is stored in a suspect's memory with information provided by informants.

No other security solution can meet the superior performance, ease of implementation, and cost-effectiveness of Brain Fingerprinting. The system enables personnel to determine who the perpetrator of a crime is, by matching information of the crime scene directly from an infallible witness—the human brain.

The involuntary brain response called P300 MERMER, is the hallmark feature of the technology. The way the human brain functions fully eliminates all possible false negatives, false positives, and countermeasures. With proven accuracy rates of over 99%, the system maximizes police capabilities in gathering quality intelligence from suspects. Brain Fingerprinting sets the benchmark for innovation and performance as it is a highly advanced, non-intrusive, and affordable security solution, posing great value for law enforcement.

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	Instant
Portable	Yes
General Customization	Available
Cost-effective	Yes
Field Tests Conducted	FBI, CIA, U.S NAVY
Admissible in U.S Courts	Yes

ADVANTAGES

Faced with an insufficient amount of information and demand of valuable outputs and outcomes, police organizations are searching for methods to gather data from many sources; assimilate that data and look for patterns and points of interest; and transform that information into quality leads for top-level decision makers and field investigators.

To accomplish these tasks, agencies can look no further than Brain Fingerprinting:

- 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 national security agencies 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



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

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.



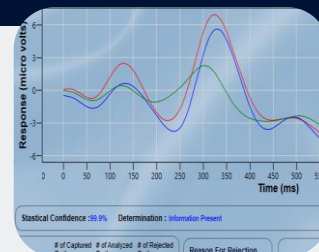
Collect Brain Responses



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

Analyze the Result

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

Brain Fingerprinting enhances efforts of proactive intelligence-led policing to prevent all types of serious crime. Brain Fingerprinting is positioned in the security market to disrupt the way in which law enforcement personnel gather and analyze disparate networks of information at an advanced level of effectiveness and efficiency.