

# Identifier v9: analyzing **voice** to fight crime.

High speed and accurate voice identification for intelligence, military and law enforcement.

## Delivering solutions for a safer world

Nuance Identifier is a voice biometric solution that provides intelligence, military and law enforcement organizations with an invaluable tool to combat crime and terrorist activities.

Through voice biometric analysis of audio files, Nuance Identifier can identify known individuals of interest, enabling government officials to match recorded conversations to targets. Using industry-leading text-independent voice biometric algorithms, Nuance Identifier can help officials find the proverbial needle in a haystack by performing 200,000 voice biometric comparisons per second per CPU core. Large scale searches on millions of audio files can be performed within minutes.

Nuance Identifier also alerts officials to conversations of interest by filtering audio files by speaker gender and language spoken.

Beyond identification capabilities, Nuance Identifier also provides officials with the ability to enroll voiceprints, enabling government agencies to establish a voiceprint database of up to millions of individuals.

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## Key benefits.

- **Prevent crimes & terrorist activity.** Equip security personnel with criminal & terrorist identification capabilities so that they can apprehend individuals of interest before they can act
- **Connect the dots – quickly.** Speed up investigations by automatically identifying individuals of interest based on who they are and who they are speaking with
- **Mobile Identifier interface.** Allows you to identify individuals on the go in field operations



### Key applications

#### Criminal investigations

Identify criminals by their voice, as captured over the phone through lawful interception or recorded at a crime scene. Support prosecution with voice biometric evidence.

#### Border control

Stop known terrorists and criminals from entering the country. Identify individuals by their voice, which is unique to every person, countering forged passports and altered appearances.

### Key features

- **Large Scale Searches.** Nuance Identifier delivers the scale and speed required for a country-wide voice biometric system, capable of rapidly and accurately identifying and segmenting individuals within systems comprising millions of voiceprints.
- **Real-time Identification.** Nuance Identifier enables real time identification of individuals, ensuring successful investigations via live microphone capture.
- **Identification of 22 languages and ability to add new languages.** Built in languages: Arabic (Egyptian, Gulf, Iraqi, Levantine), Bulgarian, German, American English, Latin

American Spanish, Persian (Farsi, Dari), Canadian French, Hebrew, Hindi, Croatian, Italian, Japanese, Korean, Dutch, Pashto, Portuguese, Romanian, Russian, Tamil, Turkish, Vietnamese, Mandarin Chinese

- **Variety of Enrollment functions** enabling offline or online enrollment of individuals using recorded audio files, live microphone recordings and mobile client applications for in field operations.
- **Hyper-Accurate Keyword Detection** using cutting-edge, state-of-the-art Nuance speech recognition technology and enabling monitoring of large volume of recorded conversations to track keywords on processed audio files.

### About Nuance Voice Biometrics

Nuance is the global leader in voice biometric solutions, with over 30 million enrolled voiceprints in the commercial space alone and numerous security-critical deployments. Nuance has developed over the last 13 years unrivaled experience in delivering successful voice biometric solutions that enable military, intelligence and law enforcement agencies to ensure a safe and peaceful future for citizens.



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### About Nuance Communications, Inc.

Nuance Communications is reinventing the relationship between people and technology. Through its voice and language offerings, the company is creating a more human conversation with the many systems, devices, electronics, apps and services around us. Every day, millions of people and thousands of businesses experience Nuance through intelligent systems that can listen, understand, learn and adapt to your life and your work. For more information, please visit [nuance.com](http://nuance.com).

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