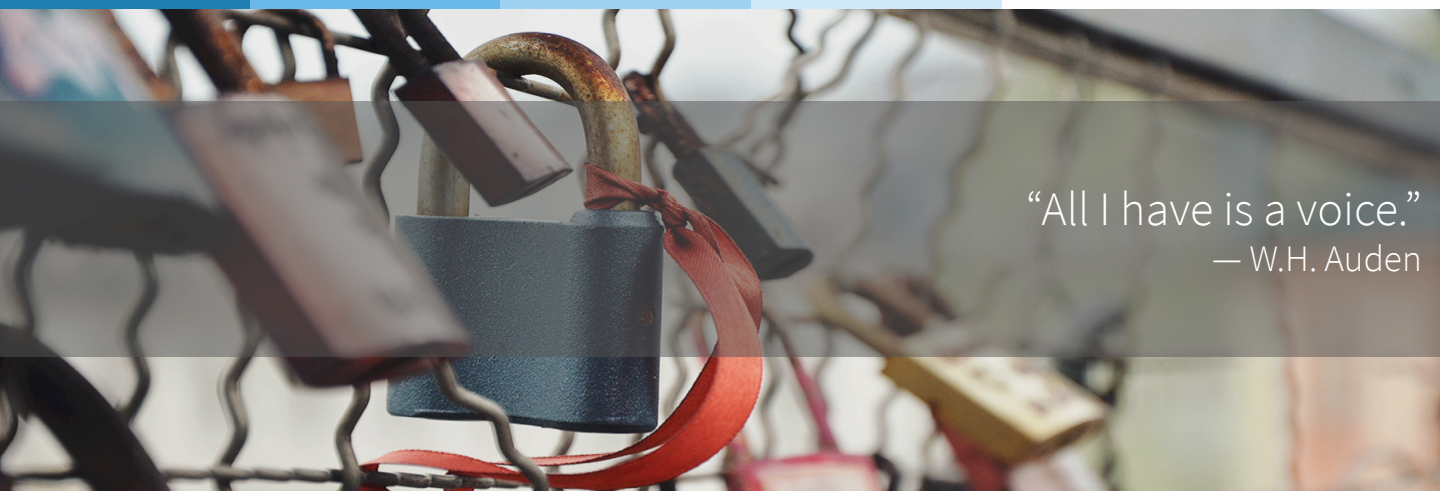




VOICE BIOMETRICS SOLUTIONS



“All I have is a voice.”
— W.H. Auden

Discover the potential of the voice for security tasks like verification or identification

Applications Security

Verbio Biometric Solution allows your customers to be verified without any specific enrolment process and identifying the user by their conversation.

Voice Identification

Verbio is able to identify a user with high accuracy allowing voice search through huge media databases or identifying a user from a recorded conversation.

Negative Identification

Allows you to identify a user from a list of possible fraudsters and scale to a superior level of security.

Voice biometrics is the safest and most simple way to integrate security in your applications, transactions or communications, since it allows the verification of the users identity in the normal flow of the communication, without having them remember anything and with the possibility of integrating recognition systems of forced entry.

Among the existing biometrics traits, the voiceprint stands out due to the simplicity of using and implementing it, as well as for its ubiquity. The fact that it can be used by phone, without the need for any additional device that captures biometrics, allows for its deployment among the entire population with a minimum implementation cost.

Key Characteristics

- ✓ Less than 3 sec. for authentication
- ✓ Less than 9 sec. for training
- ✓ Emotional Analysis
- ✓ Dynamic Challenge
- ✓ Language Independent
- ✓ Natural Speech Authentication
- ✓ Multichannel Voiceprint
- ✓ High reliable identification

Discover the power of your voice

Verbio Biometrics is a voice based security solution that can be used for verification and/or identification processes and can be jointly used with Verbio Speech Recognition as an additional security layer. The solution is based on the creation of the vocal print for each user and then comparing the voice against the user database.

Main Benefits

Integrated user experience in the process of the phone call

Non intrusive, transparent for the user as natural language can be used as verification passphrase.

Highly configurable, main security features are configurable

Fast and reliable as the verification process takes less than 3 seconds

Always available with the user

Fast training process that takes less than 9 seconds

Capabilities for integrating additional security layers like phone number origin, time schedules, gender

Possibility to integrate dynamic challenge like additional random numbers

Applications

Phone Trading

Access Control

Remote workforce management

Remote identification of targets

Home automation control

Password reset

Life certification

Characteristics

Can be used globally since Verbio Biometric technology is independent of the language.

Easily integrated with Verbio Speech Recognition and Verbio Text to Speech

Fastest voice biometric solution in the market

Dynamic behavior patterns that adds new levels of security

Technical Specifications

Training & Verification	< 9 seconds for training < 3 seconds for verification
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EER	0.3% (depending on conditions)
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Configuration parameters	False rejection rate False acceptance rate Passphrase Number of attempts
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Requirements Server	• 512 Mb RAM (Includes users management, licensing control, ...) • Enrolment CPU Time: 0.3 sec • Verification CPU Time: 0.01 sec
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Requirements Embedded	• 10 Mb RAM • Enrolment CPU Time: 1 sec • Verification CPU Time: 0.1 sec
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Platform	Windows (32/64 bits) Linux (32/64 bits) Android iOS Windows Phone
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Languages	Language independent
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