



Your voice is the key

Data Sheet

KIVOX Verifier

Protect your systems against identity fraud using AGNITIO's voice biometrics technology

Secure Identity verification

KIVOX is AGNITIO's technology for strong speaker authentication solutions. It is the most reliable and robust voice biometrics engine available in today's market, with more than 15 years experience in the law enforcement sector and present in 22 countries.

KIVOX verifies a user's identity in a secure, user friendly, natural way, using common day to day devices such as a mobile phone and your own voice.

It is designed to be integrated in a wide variety of platforms and applications. KIVOX Verifier will help your organisation improve security, reduce cost and enhance user experience. [Since voice biometrics is where security meets user convenience.](#)

KIVOX verifier is based on free speech technology (text independent), so the user can be verified saying anything in any language. This technology is also channel independent (Landline, mobile, VOIP).

Applications

KIVOX Verifier can be easily integrated in any application that requires secure speaker verification.

KIVOX Verifier provides text independent voice biometrics technology. Therefore verifications can be performed in non-collaborative scenarios, or those that do not require the speaker to repeat a specific text.

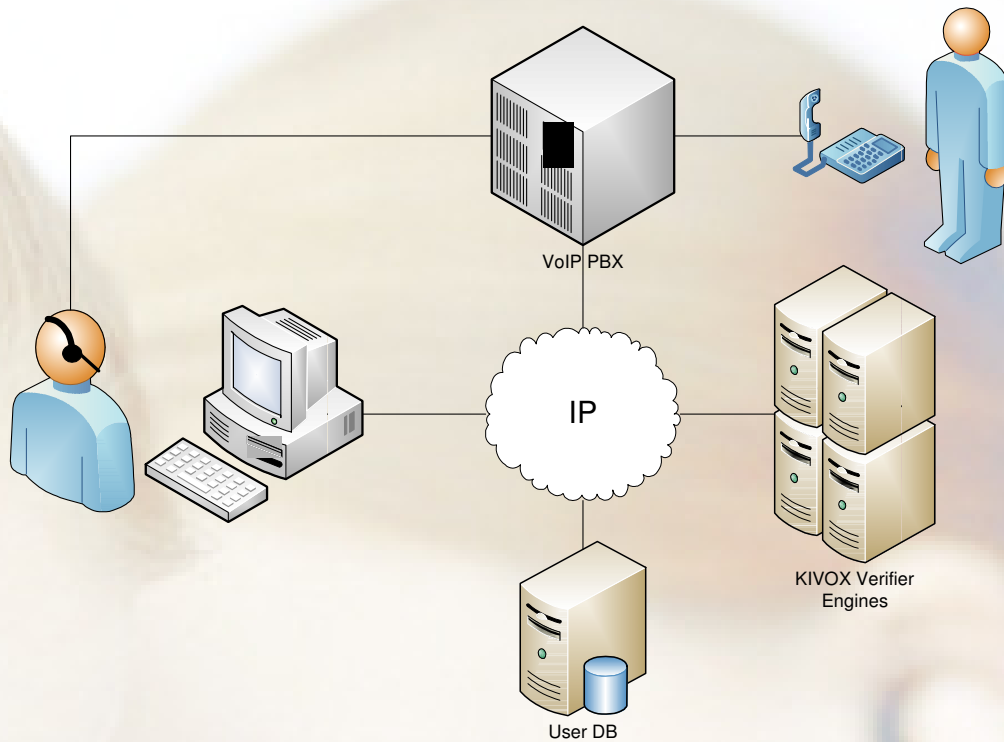
Some examples of KIVOX Verifier applications are:

- Multi-channel authentication for phone-banking & e-banking
- Private banking / Trade floor operations
- Background identity check
- Automatic conversation indexing per speaker
- Voice Signature
- Conference Call end-point authentication service.

About Agnitio

AGNITIO is the worldwide leader in voice biometrics in public security and has successfully adapted its robust technology for suitable corporate authentication solutions. AGNITIO's technology was first developed in the mid nineties. Today, AGNITIO's technology is deployed in over 22 countries for forensic applications, of which the first renditions were co-developments with some of the world's most reputable police organizations. AGNITIO's KIVOX product provides the most advanced voice biometric solution to corporate organizations that is essential in offering end-users an enhanced security solution. From an end-user perspective voice biometrics provides a more user-friendly and convenient solution that is time efficient.

Example of integration architecture



Feature	Kivox Verifier
Enrollment over landline telephone	✓
Enrollment over VoIP phone	✓
Verification over landline telephone	✓
Verification over VoIP phone	✓
Verification over Mobile phone	✓
Enrollment length	Configurable
Verification length	Configurable
Number of verification attempts	Configurable
Interfaces	C
Language Availability	Any
Signal Quality Check (SNR Check)	✓
Verification Grammar	Any
Verification Strategy	Free Speech
User ID used for verification	Optional
Verification time	Less than 0.15 seconds per net audio second
Supported OS	Windows XP, Vista, 2003 Server, 2008 Server

Hardware Requirements

Minimum configuration for running the API:

- Intel Core 2 Duo 2.4GHz or higher (3 GHz recommended)
- 1 GB RAM (4GB recommended)
- Network Card
- 300 MB HDD free space for setup data (1GB SCSI recommended)

AGNITIO

KIVOX
Your voice is the key