



VoiceKey

Intelligent voice biometric platform for call centers, mobile applications and online services

VoiceKey is an integrated platform that can be flexibly deployed to meet an Enterprise's specific needs for either single (voice) or multi-modal biometric authentication. This all-in-one solution allows your organization to deploy just one module or all modules depending on your needs and can expand as your company grows needs expand. Whether you want voice verification, speaker change detection or fraud detection in your IVR, mobile app, web portal or other channels, VoiceKey can help you to take full advantage of biometric authentication capabilities to reduce or eliminate the need for usernames and passwords.

Key Features

- Multimodality – built-in facial and voice recognition with possibility to add any other modality (finger, iris, etc.)
- Scalability
- Various failover scenarios (high availability)
- Adjustable access permissions
- Easy integration and customization

Technologies

- Text-dependent verification by
- Static passphrase
- Dynamic passphrase
- Text-independent verification
- Liveness detection
- Identification
- Noise cancellation

Areas of application:

VoiceKey can be used to verify and identify customers, prevent fraud, improve efficiency of call centers, securely access personal and corporate information in the Internet from PCs and mobile devices. It is designed for:



Financial services



Government



Call centers



Healthcare

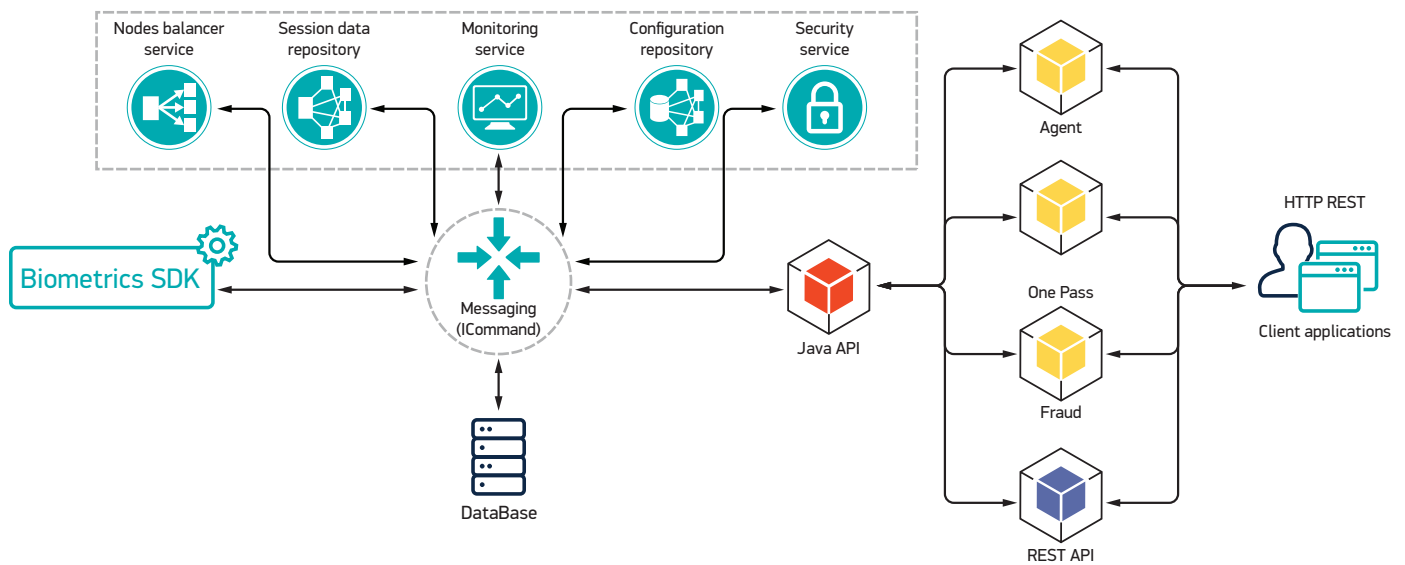


Cloud computing



Mobile and web applications

VoiceKey platform module architecture allows flexibility to increase capacity. New functional modules can be easily added. Such architecture also provides the possibility to implement various failover scenarios.



VoiceKey.AGENT

Continuous (freespeech verification) in contact center environment

- Real-time user verification in the background mode
- Verifies user by free speech
- Language-independent

System requirements:

- OS compatibility: Windows/Linux x64
- Database: Oracle, MySQL and other
- Supported audio: wav, 8 bit Alaw, 8bit Ulaw, Custom
- Voiceprint size – from 3kB
- Telecom interface: TDM, VoIP
- Supported CRM: any
- Signal-to-noise ratio: at least 7 dB,
- Reverberation time: less than 500 ms

VoiceKey.IVR

Voice verification in IVR environment

- Static and dynamic passphrase support
- Integration with majority of IVR systems
- Language-independent

VoiceKey.Fraud

Text-independent voice search

- Checks voices against target lists
- Online and offline search
- Instantly informs security services about potential threats

VoiceKey.OnePass VoiceKey.WebAccess

Bi-modal verification to access mobile and web applications

- Verification by face and voice for higher accuracy
- Mobile platforms (Android, iOS), PC
- Liveness detection (anti-spoofing)

