

VoiceKey.ONEPASS

Bimodal (voice + face) biometric authentication for mobile platforms

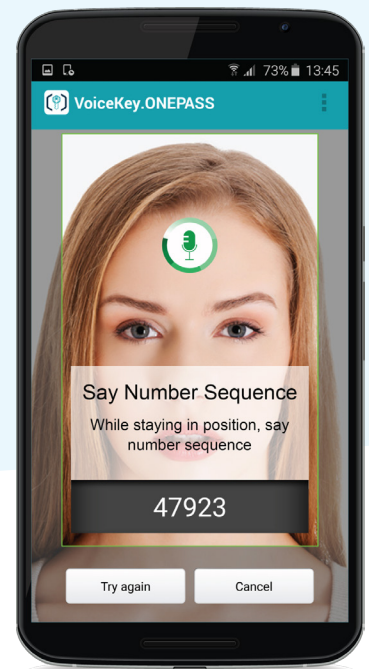
Combination of voice and face authentication brings enhanced security and ease of authentication to billions of smartphone users. Traditional biometric modalities (fingerprints, iris), require additional hardware (scanners) to be used in a mobile environment. SpeechPro removes these barriers with multimodal OnePass, which can be applied on any smartphone.

VoiceKey.ONEPASS offers unparalleled mobile biometric security solutions:

Authentication: Triple biometric authentication reduces risk of fraud or misuse

Identity Security: User information retained in your secure Enterprise environment

Ubiquity: Android & iOS supported . Standard smartphone microphones and cameras collect sufficient biometric data



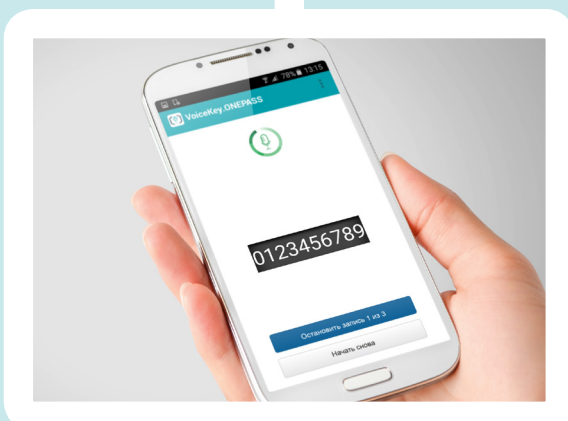
Speaker Authentication



Facial Recognition



Liveness Detection



Liveness Detection

- Ensures a photograph or voice recording can not be used for authentication
- Voice and facial liveness detection
- Prompts for random passphrase for voice authentication

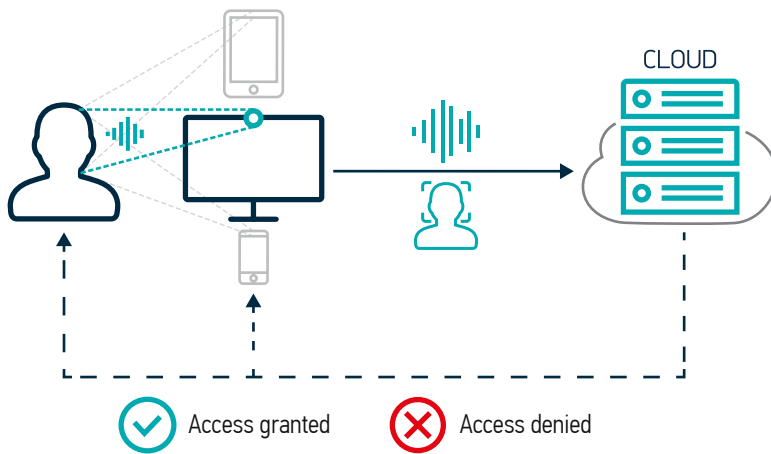
How does VoiceKey.ONEPASS work?

30 SECOND ENROLLMENT Take one picture and record 3 short utterances (passwords).

5 SECOND VERIFICATION When a user tries to access a secure service or content, VoiceKey.ONEPASS asks the user to pronounce a password and takes a smartphone picture of their face at the same time, providing multi-biometric data collection with just one click.

SECURE PROCESSING The voice and image templates are formatted algorithmically and sent to the cloud for processing.

INSTANT ACCESS If the matching results are positive, the user gains access; if not, access is denied.



Features

Ease of Use:

- 30 second registration
- Handsfree authentication
- 5 second verification

Accuracy:

- FA = 0.01%
- FR = >1%

Acoustic Environment

- SNR: 7dB

Triple Security

- Voice Authentication
- Facial Recognition
- Liveness Detection

Hardware Agnostic

- Android
- iOS
- Online VoiceKey.WEBACCESS

Key Beneficiaries



online banking



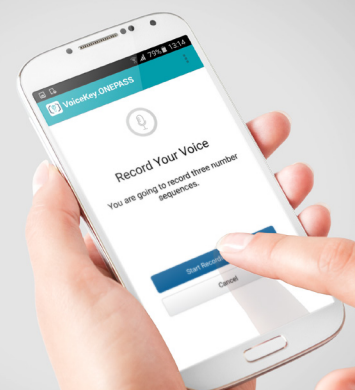
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