

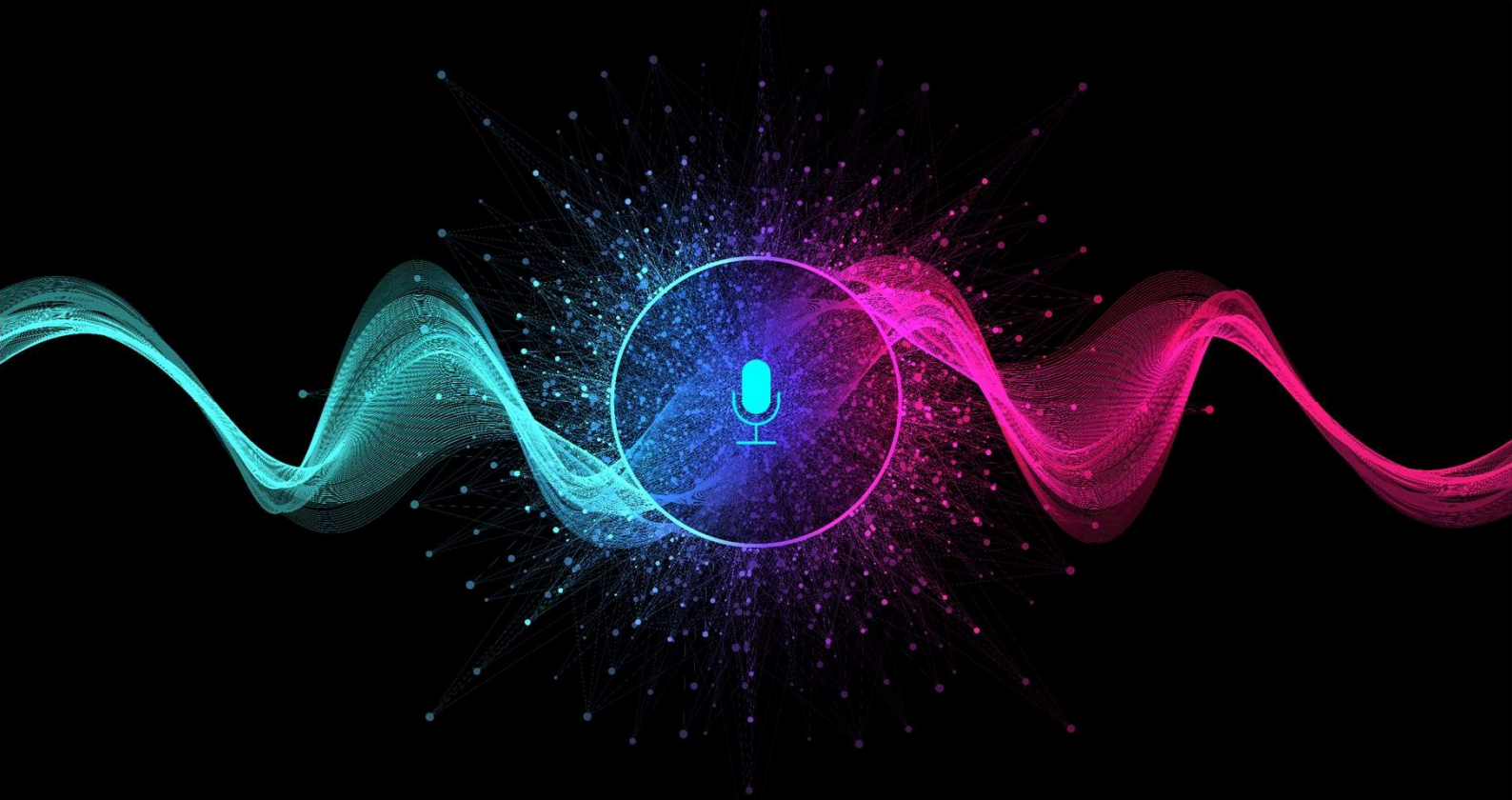


Voice Assess AI-Based Voice Verification Service

Introduction

Human voice is one of the most important communication modes that convey useful information about the speaker. When coupled with Artificial Intelligence techniques, human voice can be used in areas of forensic voice verification.

AI-based voice verifications assist companies to identify potential risk in the interviewee's voice over a telephone call independent of language, physical presence with a high degree of accuracy in recruitment process, claims, loan applications, insider threats, compliance, and workplace safety. It identifies unique risk alerts based on vocal responses to identify potential high-risk responses.



About 'Voice Assess'

Voice Assess - Deloitte's AI-Based Voice Verification Service uses technology that accurately assesses risk in the human voice, in any language or culture, by means of an automated telephonic interview in under 10 minutes. It is cost-effective, proven, and can process hundreds to thousands of interviews simultaneously from multiple geographic locations.

Fast

- ~5-10 minute questionnaire
- Results within 48 hours

Multi-lingual

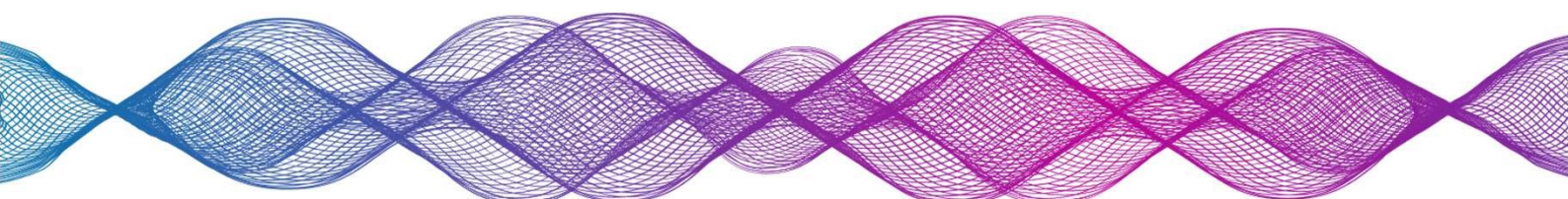
Supports any language, culture, and dialect

Unbiased

- Automated questionnaire
- Responses scored anonymously
- No PII, baseline, or biometrics

Flexible

- Used for numerous missions
- 24/7 availability, from anywhere



Scalable

Can scale easily according to needs

Interoperable

API ready, delivered via AWS

Consistent

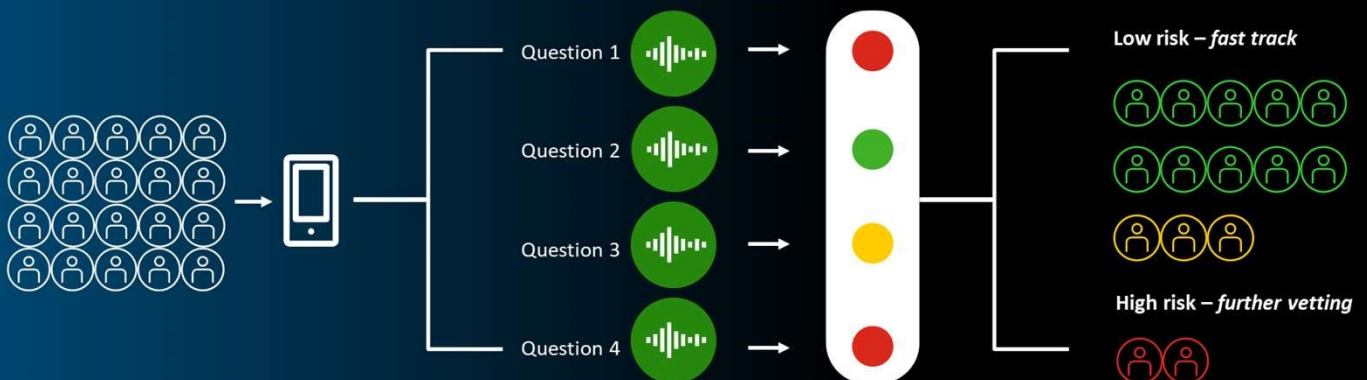
Same screening questions, same delivery, automated

Pay by the interview

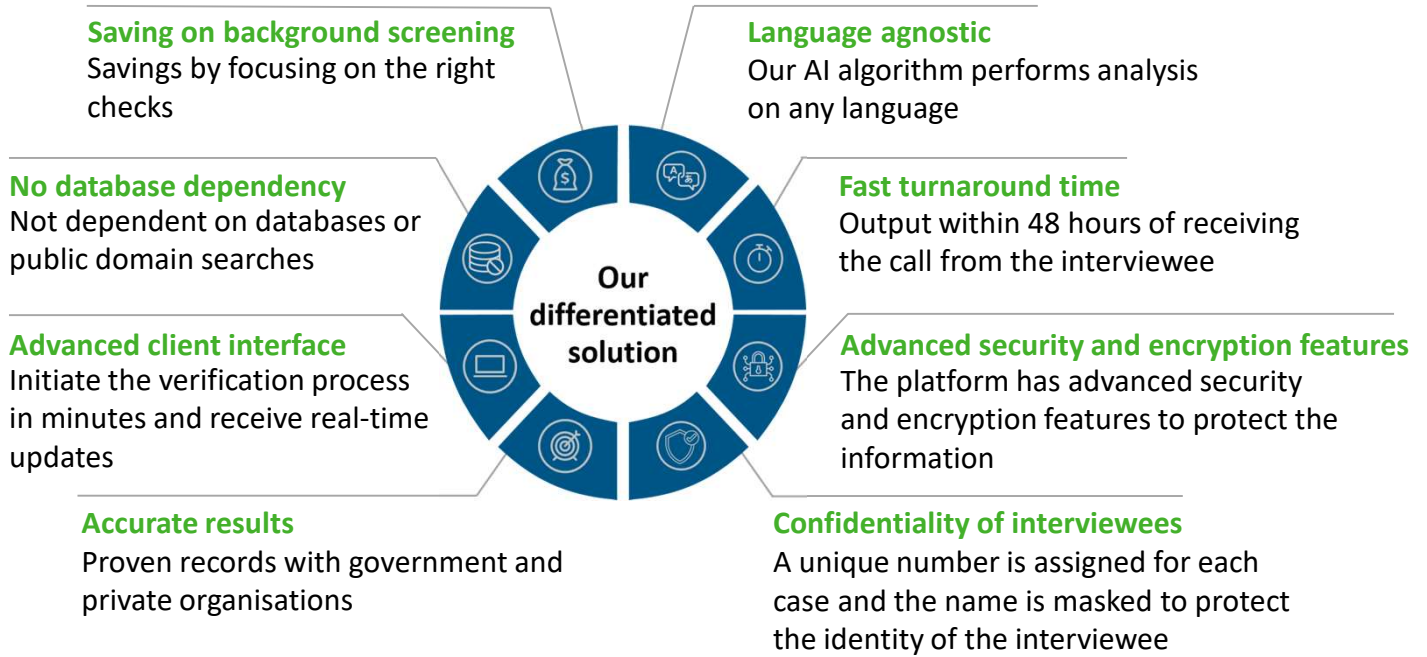
No SW licensing or installation

How it works?

Interviewees are required to call on a toll-free number and respond to a pre-defined set of close-ended questions in "yes" or "no". The interview is performed through an automated voice questionnaire engine and further processed using AI technology to assess specific risks in responses.

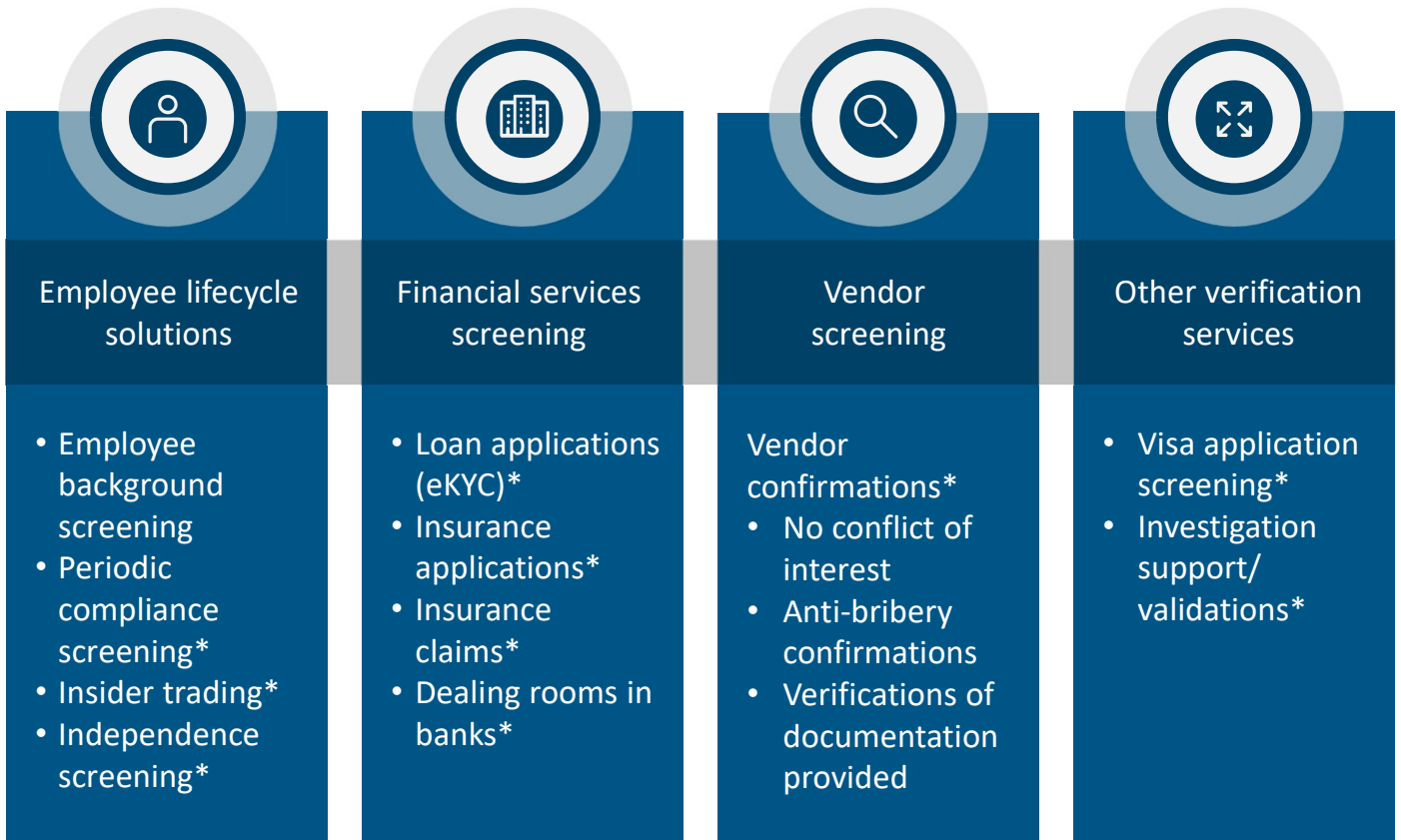


Why appoint Deloitte?



How can it help you?

Voice Assess can help you in the following scenarios at any scale in an effective and efficient manner to address your specific requirements.



*These checks are not performed by the traditional background screening providers.

How Deloitte’s voice verification is different from a Lie Detection or Voice Stress Analysis



	Voice Assess	Polygraph ¹	Voice Stress Analysis ²
Application	Risk-Assessment (Fraud Identification and Vetting)	Lie Detection	Lie Detection
Results	4 Risk Levels No Inconclusive = No Ambiguity	Deception, Truth or 30% Inconclusion = Ambiguity	Stress Indicated or No Stress Indicated = No Ambiguity
Language-agnostic	Yes	No Data	No Data
Automated, telephonic questionnaire	Yes	No	No
Consistent questionnaire for all participants	Yes	No	No
Questionnaire duration	<10 minutes	90 minutes to several hours	60-90 minutes
Powered by AI	Yes	No	No
Results at scale Available in 24 hours	Yes	No	No
Human bias affects result delivery	No	Yes	Yes
Portability	Yes	No	Yes

Polygraph¹ is the process of making a final, binary determination of truth, “lie” or “no lie.” Technology used to assist human experts in the one-o-one application to help make that final determination are lie detectors.

Voice Stress Analysis² is a manually administered process that evaluates frequencies associated with the voice below 20Hz (typically 8-14 Hz). VSA is used almost exclusively during face-to-face, specialised interviews involving specific interrogation techniques. The goal is to identify truth and deception and gain admissions and confessions, similar to polygraph testing.

To know more about this service, please contact:

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