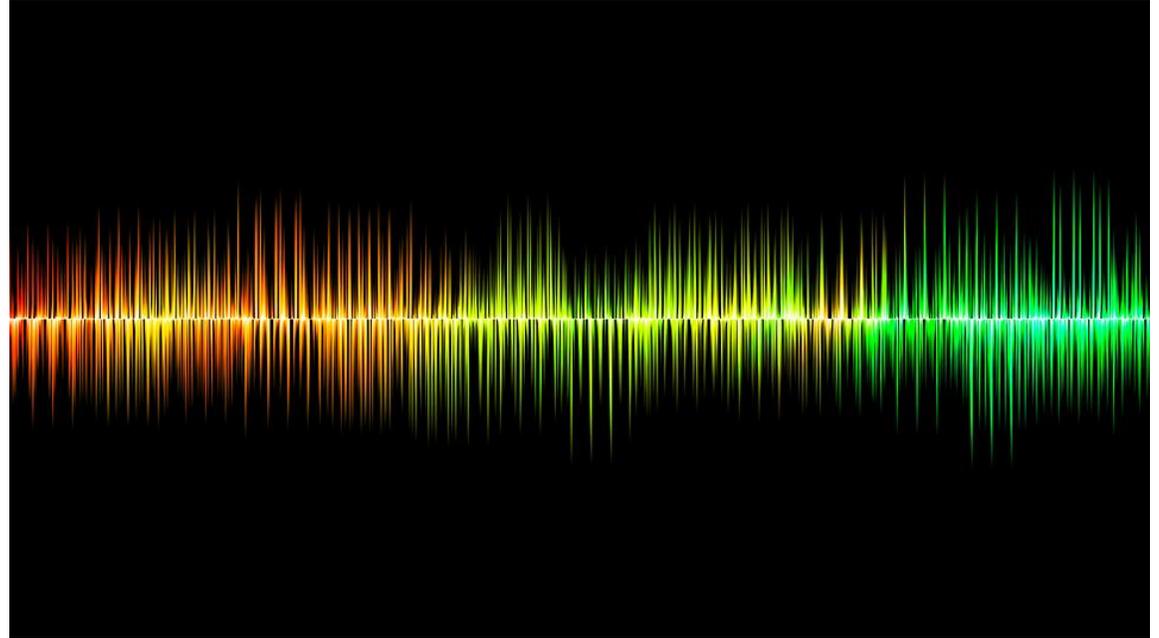# Voice Biometrics – The Way Forward in Remote User Authentication

A COMPREHENSIVE PRESENTATION ON HOW VOICE BASED BIOMETRICS IS IDEAL FOR BUSINESS ENTERPRISES TO STRENGETHEN USER AUTHENTICATION

What is Voice Biometrics?

An offering from the stable of Speech Recognition technology, Voice Biometrics uses the unique "voice print" of the user to authenticate and provide access to the system.

This structure eliminates the need for a user to establish identity through conventional channels.

Eliminates the need for multiple inputs and devices

Preferred alternative to conventional methodologies

Fool-proof authentication and faster access

Features and Benefits

Hassle free authentication

The user is verified and authenticated within seconds.

Prevents fraud and impersonation

Access to the support system is based on over 30 parameters of an individual's voice.

Easy deployment and low on maintenance

Seamless integration without the need for specialized hardware devices.

Features and Benefits (continued..)

Leverages customer satisfaction

Reduced verification leads to higher customer satisfaction levels.

Faster ROI

Unlike other authentication channels, VB does not require hardware intervention leading to quicker ROI.

Non-repudiable

Guarantees integrity and authenticity of the stored voice data.
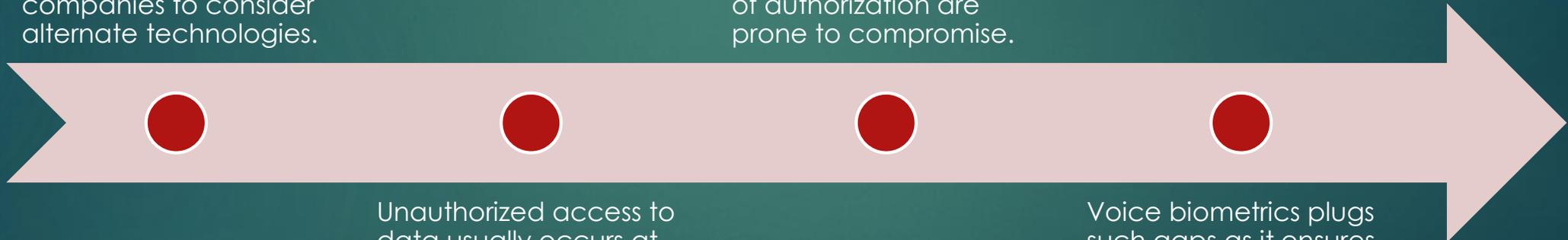
What makes Voice Biometrics the best alternative over others?

Online fraud and data theft is prompting companies to consider alternate technologies.

Conventional channels of authorization are prone to compromise.

Unauthorized access to data usually occurs at the authentication level.

Voice biometrics plugs such gaps as it ensures fool-proof authentication.

Comparison of various authentication methodologies

Type	Accuracy	Security	Cost	Hardware required	Physical Presence required
Voice Biometrics	High	High	Low	✘	✘
Token based authentication	Medium	Medium	Medium	✔	✔
User Credentials	High	Low	High	✘	✘
Finger print	High	High	High	✔	✔
Iris scan	High	High	High	✔	✔

Where is Voice Biometrics used?

Voice based biometrics can be deployed in any industry where security of information is critical. It can be applied to an environment where verification and authentication of the user plays a critical role.

- Banking & Finance
- E-commerce
- Telecom
- Internal Employee Support

amVoice – Uniphore's unique Voice Biometrics solution

Our patented technology offers Voice Biometrics based remote user authentication solutions. Uniphore's expertise in the Speech Recognition space is marked by a highly-customized offering for companies looking to strengthen their IT security and prevent fraud.

Cloud-based solutions

Tested model

Multi-lingual and supports multiple dialects

All round support and training

Thank you….

For a detailed insight into the world of Voice Biometrics, **click to read the Whitepaper**.

To see how Uniphore can help your organization to seal information security leaks in the area of user authentication and to request a demo, contact bd@Uniphore.com