Voice Biometrics, What Could Go Wrong?

Understanding threats, weaknesses, attack vectors and how to mitigate them »

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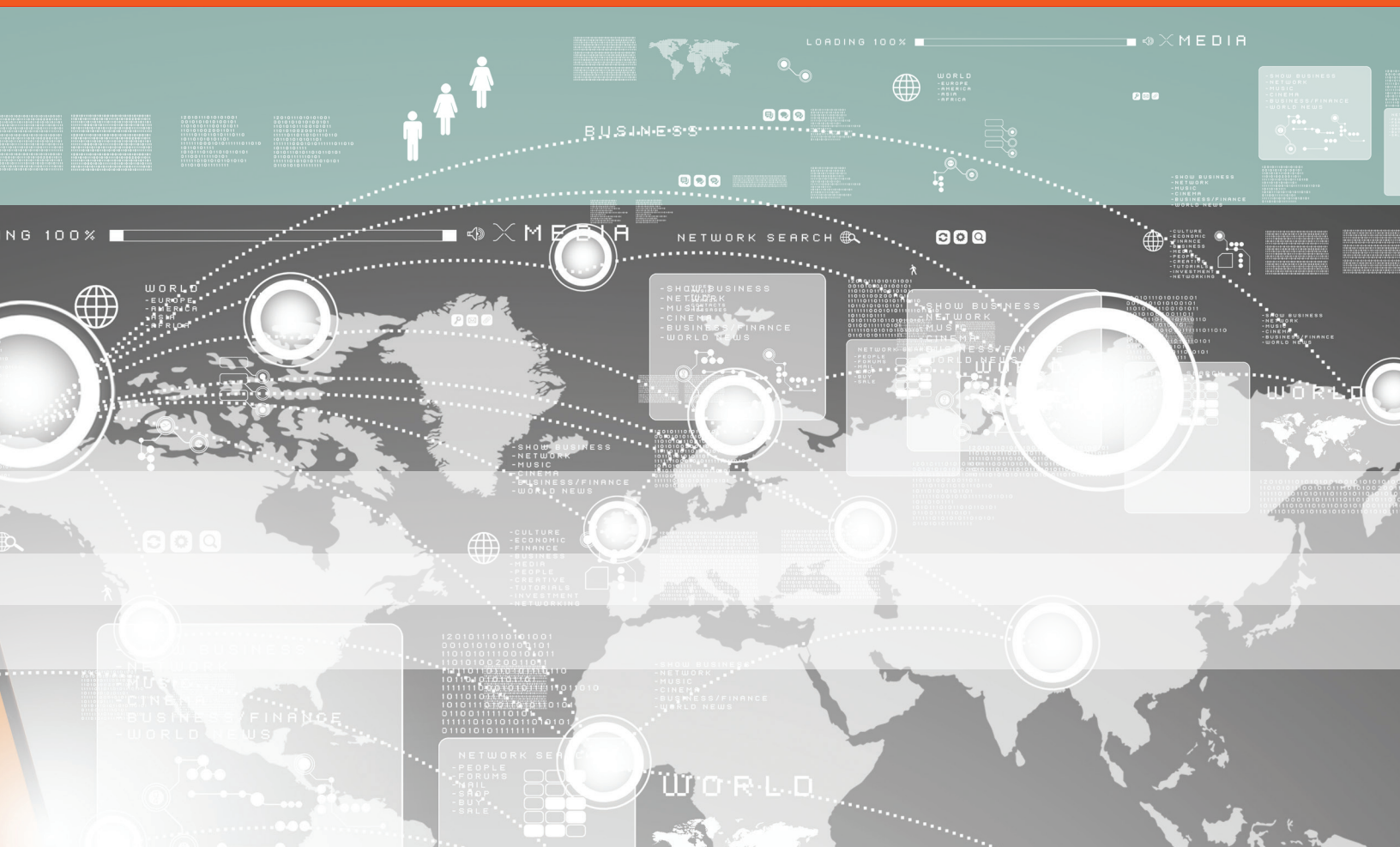

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In this report, Opus Research addresses some of the fears and myths surrounding the use and deployment of Voice Biometrics, separating the real threats from the hype, and sharing effective techniques for implementation. Opus Research provides a summary of "Intelligent Authentication" methodologies to guide decision-makers in driving rapid deployments and accelerated adoption.

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OCTOBER 2017

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A Final Word: Match Security Measures to Real Threats

Over the past few years, a handful of huge data breaches has captured the imagination of the general public. However, efforts to strengthen authentication methods should be calibrated to address the known threats that have long-term impact on a company's bottom line and reputation. No single approach to authentication is perfect; nor can a single architecture stop all inherent threats to data security and trusted communications. Voice Biometrics, in combination with other modalities and factors, has delivered exponential improvements in security. We counsel business unit managers and decision makers to match investment and deployment strategies to the objectives of rapid adoption of authentication methods that promote rapid adoption without compromising security.

Sources:

1 http://opusresearch.net/wordpress/2016/09/01/opus-research-report-voice-biometrics-census-steady-growth-of-global-enrollments/

2 http://opusresearch.net/wordpress/2017/07/24/opus-research-report-voice-biometrics-intelliview-solutions-to-optichannel-challenges/

3 Article in Forensic Linguistics; June 2010; The International Journal of Speech, Language and the Law; Automatic Speaker Recognition as a Measurement of Voice Imitation and Conversion; Mireia Farrús, Michael Wagner, Daniel Erro and Javier Hernando

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