

NIST facial liveness report ranks ID R&D first for security and convenience in photo print and replay detection

ID R&D affirms leadership in passive facial liveness with more top ranks than any other participant in impersonation attack categories

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/EINPresswire.com/ -- ID R&D, a Mitek company and award-winning provider of AI-based liveness detection and biometrics, announced its exemplary performance in a NIST evaluation of 82

passive facial presentation attack detection (PAD) algorithms, the first test of its kind. The results show ID R&D ranking first in detecting several critical attack types and earning more top rankings than any other developers in the categories entered. The NIST evaluation results reinforce ID R&D's position as one of the industry's leading providers of passive facial liveness. ID R&D

recently published an [FAQ](#) to help answer questions about the test.

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Konstantin Simonchik, Chief Security Officer, ID R&D

Particularly notable in the test results are top rankings for ID R&D in both security and convenience for detection of photo print and replay impersonation attacks. Detection of these common attacks is vital to protecting digital onboarding and authentication from fraud, but it must be done without burdening legitimate users with false positives.

“NIST is among the world's most respected experts in assessing commercial biometric algorithms, and so we are

appreciative of their work on PAD and thrilled with the results of this thorough evaluation,” said Alexey Khitrov, CEO of ID R&D. “For our team, our performance serves not only as validation of our belief that biometric security should be frictionless, but also compelling evidence that the



current generation of liveness is capable of delivering both security and convenience."

"We are immensely proud of our team for the results achieved, and the innovations and [patents](#) upon which they're based. It's a clear demonstration of the essential role of AI in biometric security." added Konstantin Simonchik, Chief Security Officer of ID R&D. "Using just a single image frame, we've managed to achieve near-zero error rates with a solution that is completely transparent to users, setting a new benchmark for the industry."

[NIST Internal Report 8491](#) documents the results of the evaluation of 82 algorithms from 45 developers tested for two use cases: impersonation and evasion. ID R&D participated only in the impersonation tests (see results of "top performers" summarized in Table 1) and not the evasion tests. The evasion use case results involve detection of attacks intended to evade a positive identification in a database, as opposed to impersonating a particular victim. Within each use case are measurements for several presentation attack types, including silicon masks, photo prints, and replay attacks. For each attack type, there were figures provided for both a convenience-focused metric and a security-focused metric.

About ID R&D

ID R&D, a Mitek company, is an award-winning provider of AI-based voice and face biometrics and liveness detection. With one of the strongest R&D teams in the industry, ID R&D consistently delivers innovative, best-in-class biometric capabilities that raise the bar in terms of usability and performance. Our proven products have achieved superior results in industry-leading challenges, third-party testing, and real-world deployments in more than 70 countries. ID R&D's solutions are available for easy integration with mobile, web, messaging, and telephone channels, as well as in smart speakers, set-top boxes, and other IoT devices. ID R&D is based in New York, NY. Learn more at www.idrnd.ai.

About Mitek

Mitek (NASDAQ: MITK) is a global leader in digital access, founded to bridge the physical and digital worlds. Mitek's advanced identity verification technologies and global platform make digital access faster and more secure than ever, providing companies new levels of control, deployment ease and operation, while protecting the entire customer journey. Trusted by 99% of U.S. banks for mobile check deposits and 7,800 of the world's largest organizations, Mitek helps companies reduce risk and meet regulatory requirements. Learn more at www.miteksystems.com.

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