

SHANGHAI, JUNE 27, 2017

## Precise Biometrics launches ground-breaking spoof and liveness detection solutions to protect mobile payments

Precise Biometrics' new security suite offers industry leading fingerprint matching software with state-of-the-art spoof and liveness detection, as well as standalone anti-spoof products and services. The suite meets a growing demand for secure and trustworthy mobile payments.

60 percent of all transactions are expected to be performed via biometric authentication by 2020, primarily via fingerprint sensors in mobile devices, according to the Biometrics Research Group. Spoof and Liveness detection, the real-time ability to determine if a finger is genuine and not fake, will become a necessity to secure mobile payments from fraud and identity theft.

### **A one-of-a-kind security suite**

Precise Biometrics' solutions and services for efficient spoof and liveness detection is designed to protect fingerprint sensors which are vulnerable to spoofing via fake fingers. The main feature in the security suite is the integration of spoof and liveness detection capability into Precise Biometrics' fingerprint software for mobile devices, [Precise BioMatch™ Mobile](#).

The anti-spoof solution is software-based, which makes it easy to integrate without any need for additional hardware and makes the solution cost-efficient. Furthermore, the solution works with any type of sensor on the market and is upgradeable to keep pace with emerging spoof threats. The software utilizes machine learning, making it adaptable to detect any form of spoof attempts. Precise BioMatch Mobile with spoof and liveness detection capabilities will be available by the end of Q3.

*"This is the first solution that offers fingerprint matching and liveness detection combined in a single software-based product, enabling easier integration at a lower cost compared to hardware-based solutions. By adding the other features in our security suite, we are offering our customers a one-of-a-kind toolbox for secure fingerprint technology, enabling trustworthy mobile payments," said Håkan Persson, CEO of Precise Biometrics.*

The security suite also contains products and services to improve the spoof detection capabilities of fingerprint technology. The following products and services are already available and in demand in the market:

- **Vulnerability analysis of fingerprint sensors**  
Precise Biometrics offers assessment of a given fingerprint sensor's vulnerability to spoofing via spoof attacks, analysis and a subsequent comprehensive report.
- **Database Collection Services**  
Live & Spoof fingerprint image collection to create databases and to train algorithms to improve fingerprint matching or spoof and liveness detection.
- **Fingerprint Spoof Lab**  
A time-saving turnkey kit for building spoof resistance in fingerprint sensors. The kit contains guidelines and information about spoof creation, spoof specimens and lab supplies, as well as a user guide, for testing and evaluating sensor vulnerability.

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The sensor technology manufacturer VKANSEE is licensing both Precise BioMatch Mobile and Precise Biometrics spoof and liveness detection solution.

*“The combination of efficient fingerprint matching technology with cutting edge spoof detection will bolster our already aggressive solution to prevent fraud from security vulnerabilities and guard against unauthorized access,” said Jason Chaikin, President of VKANSEE.*

Read more about [Precise BioMatch Mobile](#)

Read more about our [Spoof and liveness detection](#)

**FOR FURTHER INFORMATION AND INTERVIEWS, PLEASE CONTACT**

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**ABOUT PRECISE BIOMETRICS**

Precise Biometrics is a market-leading supplier of solutions for convenient and secure authentication of people’s identity. We develop and sell fingerprint software and mobile smart card readers that provide the market’s best user experience and security. Our solutions are used hundreds of millions of times every day by people all over the world and are marketed together with strong business partners. For more information, please visit:

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