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**Multi-modal mobile biometric authentication drives revenues to over $6.2 billion by 2022**

*London, United Kingdom –25 April 2017* – Goode Intelligence (www.goodeintelligence.com), a leading research and consultancy organisation for the biometrics industry, today issued a new Analyst Report forecasting that revenues for mobile & wearable biometric authentication will exceed $6.2 billion by 2022.

In its latest Analyst Report, *Mobile & Wearable Biometric Authentication Market Analysis and Forecasts 2017-2022 (third edition)* Goode Intelligence also predicts that by 2022 over 3.3 billion users will be benefiting from secure convenient biometric authentication. This is the third edition of the mobile and wearable biometric authentication report that was first published in 2014.

Over the six years since Goode Intelligence first covered this market in 2011 it has grown significantly year-on-year with mobile biometric authentication becoming common place in a number of applications, in particular to secure financial services.

Alan Goode, author of the report and founder of Goode Intelligence said "The market is still evolving with a number of different models that developers and service providers can adopt to provide convenient friction-free user authentication. It is part of the wider "password replacement" movement that includes other two-factor (2FA) and multi-factor authentication technologies."

"Password and knowledge-based user authentication mechanisms still dominate but with many of the largest digital providers moving to offer 2FA and two-step verification (2SV) services the time is right for a new era of convenient user authentication. SMS-based 2SV dominates the consumer 2FA market but there are signs with rising adoption levels that the additional cost of terminating SMS Application to Person (A2P) 2FA messages and the friction it adds to the authentication experience is creating opportunity for mobile biometric authentication solutions; especially with the rise and variety of device-based biometric authentication services."

Goode says that wearable device biometric authentication technology is some "years behind the smart mobile device market" but based on discussions with industry stakeholders, Goode believes that biometric identity and authentication technology will eventually appear on commercially available consumer wearable devices potentially "as early as late 2017 or during 2018".

The report covers the latest developments in this sector and the following trends:
- The emergence of multi-modal biometric authentication
- The importance of  liveness and anti-spoof technologies and how this is being integrated
- How new smart mobile device design is affecting hardware biometric sensor design and integration
- The latest M&A activity
- Average Selling Price (ASP) for the fingerprint sensor market

The report tackles a number of vital questions for the industry including:
- What vertical sectors will be popular for mobile biometric authentication adoption?

- Is there a dominant model for deploying mobile-based biometrics?
- When will we see a consumer wearable device that supports biometric authentication?
- Will fingerprint biometrics continue to dominate the market and what is the impact of emerging biometric technologies including iris, face, voice, behavioral and eye vein?

The report investigates the adoption of both biometric hardware (biometric sensors and camera components) and biometric software applications including:

- Biometric Hardware:
  - Fingerprint Sensor, Iris Recognition and Heart (ECG)
- Biometric Software:
  - Behavioral, Eye Vein, Face, Sensorless Fingerprint and Voice

The report includes an analysis of all major biometric technologies with a review of the active vendors offering these biometric solutions and the companies that are incorporating them into their authentication platforms. This includes profiles of the following companies:

- **Authentication Technology Vendors**:
  - Daon, Encap Security, HYPR, Nok Nok Labs, RSA, VASCO and Veridium
- **Behavioral Biometric Technology Vendors**:
  - BehavioSec, Biometric Signature ID, BioCatch
- **Iris Biometric Technology Vendors**:
  - Delta ID, EyeLock, FotoNation, SRI International/Princeton Identity
- **Eye Vein Biometric Technology Vendors**:
  - EyeVerify
- **Face Biometric Technology Vendors**:
  - Applied Recognition and KeyLemon
- **Fingerprint Sensor Technology Vendors**:
  - Fingerprint Cards, Goodix, IDEX, Precise Biometrics, Qualcomm, Silead, Sonavation, Synaptics, Vkansee
- **Sensorless Fingerprint Technology Vendors**:
  - Diamond Fortress, IDair, Veridium
- **Heart (ECG) Biometric Technology Vendors**:
  - Nymi and B-Secur
- **Voice Biometric Technology Vendors**:
  - Nuance Communications
  - VoiceVault
  - VoiceTrust

Further information about the Biometrics for Payments report can be found at:
**http://www.goodeintelligence.com/report/mobile-wearable-biometric-authentication-market-analysis-forecasts-2017-2022/**

**About Goode Intelligence**
Goode Intelligence is a leading research, analysis and consulting organisation for the information security industry covering, authentication, identity and biometrics and GRC. For more information about Goode Intelligence please visit www.goodeintelligence.com

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