BIOMETRIC SUMMIT NEW YORK 2019

BIOMETRIC SUMMIT NEW YORK 2019

Hosted by rise new york
Created by BARCLAYS

GOLD SPONSORS

proov

zwipe

SILVER SPONSORS

AWARE

PRECISE

acuant | BSecur Connecting Your Heart | BehavioSec | nok nok | ID R&D | IRIS ID | typingdna

Thursday 4 APRIL 2019

MEDIA PARTNER
BIOMETRIC UPDATE.COM

STRATEGIC PARTNER
IBIA International Biometrics+Identity Association

BIOMETRIC SUMMIT NEW YORK 2019

iProov

We caught up with Andrew Bud, founder and CEO of iProov and, experienced entrepreneur, to talk about innovation and what the future holds in the biometrics industry.

Tell us about how your business has grown over the past few years.

From our launch in 2013, it took us a number of years to develop, prove and perfect our technology. Our first patents were granted in 2015, and since then we have been awarded 11 others. In 2017 we won many prizes, from organisations such as SINET, Citi and the UK NCSC then in 2018 we saw our commercial lift-off, with contracts with the US DHS, UK Home Office, ING, Rabobank and others, and very rapid growth to large numbers of users, transactions....and attacks. More recently we received confirmation of conformance of our performance metrics with ISO 30107-3 from NPL, the UK National Standards Laboratory and launched our new device-independent, contactless Palmprint verifier.

What are you expecting to see change or evolve over the next 18 months?

The market is rapidly recognising the primary importance of genuine presence assurance in biometrics. That is new and growing rapidly – we expect it to become a dominant feature of the market. As world leaders in this specific expertise, we welcome this timely and necessary development. Regulatory change is driving banks and financial institutions worldwide to tighten up identity verification and authentication, while making the mobile user journey easier. That can only be done with biometrics, especially face biometrics. So we are expecting very rapid growth in uptake in the near future. We also expect to see governments make much wider use of self-service biometrics for border crossing, visa and immigration and national identity schemes.

What do you feel the most exciting innovation is for biometric technology at the moment?

Machine learning is transforming biometric technology right now and delivers incredibly good results. 5G will also bring the ability to ship very large amounts of data off a user's device into the cloud, enabling entirely new classes of server-side biometrics. However, the next big thing will be large scale attacks by deepfake videos...

From your perspective, how will Machine Learning augment biometric technology solutions?

Everything is changing. Machine learning is a performance-enhancing drug for biometrics, but also for attackers. Generative Adversarial Network attacks represent a real peril for the old way of doing biometrics. Convolutional neural networks can find the deepest, most hidden patterns. We are in a new arms race.

Where are you seeing the greatest demand for biometrics?

Automated, self-service identity verification for onboarding is a terrific market for our genuine presence-assured face biometrics right now. It improves customer conversion while cutting costs, and it demands the combination of very strong security and great usability that we deliver. I am also impressed by the speed and confidence with which governments are innovating in travel, visa and immigration and other applications.

Looking beyond the use of biometric technology solutions for authentication, what other use-cases and applications will be transformed by this technology?

I think we have to be careful about using biometric technology beyond authentication in its broadest sense. Authentication is a voluntary, deliberate act of consent by a user, to attain an outcome beneficial to them. Other applications of biometrics may lack that consent, or lack the user benefit. That may sometimes make them problematic to public opinion.

iproov

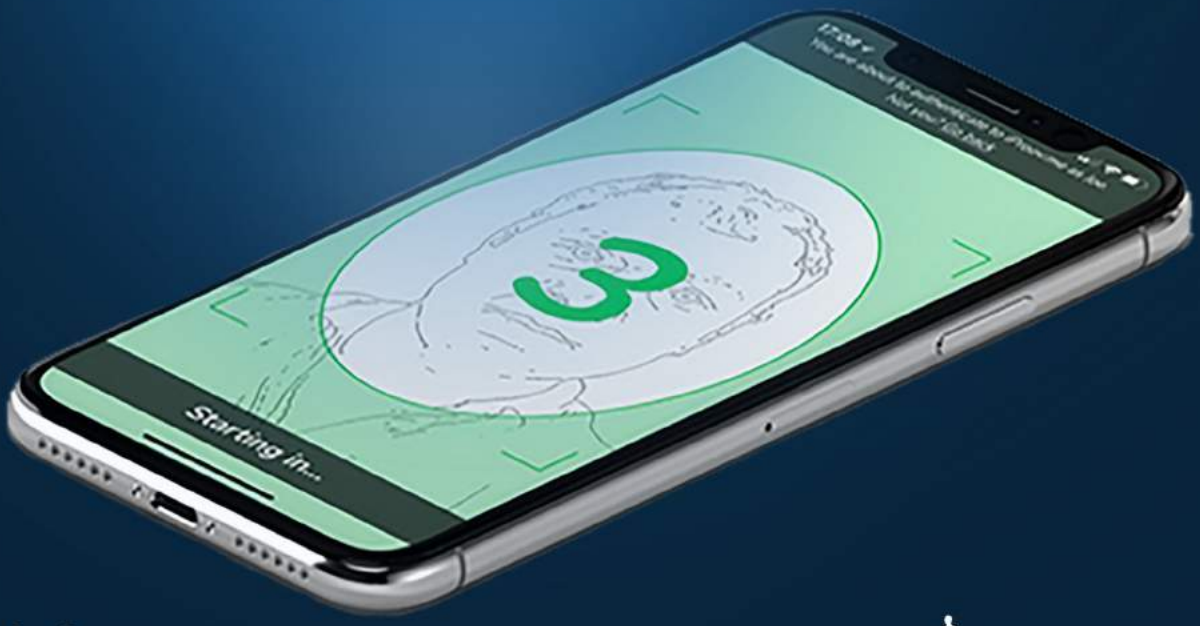
Creating trust in digital interactions

World-leading biometric face authentication detects **genuine human presence** using patented Flashmark technology

Protects against all known spoof attack vectors, including DeepFakes

Intuitive user experience, interoperable and cross platform

Used for onboarding, SCA and KYC



Home Office ING Rabobank

enquiries@iproov.com +44 20 7993 2379

GOODE INTELLIGENCE
YOUR PARTNER FOR BUSINESS RESEARCH & ANALYSIS

The nexus between physical and digital identity
Analyst Reports | Bespoke research | Go-to-Market | Consultancy | Events

www.goodeintelligence.com