



# IBF and the biometric imperative

## International Biometric Forum

30<sup>th</sup> June 2020

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Goode Intelligence



SMARTEX

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# My background



Founder and CEO of Goode Intelligence – a research and consultancy company specialising in authentication & identity and biometric technology.

- 13 years of research and consulting experience (Juniper Research, Market Mettle and Goode Intelligence)
- 20 years of management and technology consultancy with experience of strategy and deployment
- Experienced information security manager and senior technical consultant:
  - Head of Information Security at T-Mobile UK
  - Security Practice Manager at Atos Origin
  - Information Security Consulting for Citibank, HSBC and Deutsche Bank
  - Head of Digital Security at De La Rue Identity Systems
  - Security analyst for Motorola (Handsets)
- Expert in authentication, identity, mobile security & biometrics
- Frequent speaker and conference lead including Judge at GSMA GLOMO Awards at Mobile World Congress 2012-2020
- Frequent speaker on identity, authentication, mobile security and biometrics





# The increasing importance of biometrics

- Over the last 10 years biometrics has moved into the mainstream with billions of users around the world
- A vital tool to support secure identification and authentication across multiple verticals
- High Consumer Availability:
  - Close to ubiquity for smart mobile devices
  - Increasing availability on other smart devices including:
    - Automobile
    - IoT
    - Smart cards
    - Wearables
- Improvements in performance
- Supports both centralized and decentralized models
- A dominant technology to support safe, secure and convenient identification and authentication



# Touchless safe and secure identification and authentication to support the new normal

- COVID-19 accelerating several megatrends
  - Digital transformation
  - Touchless interfaces
  - Convenience
  - Cashless society
  - Agile Healthcare ID and continuous healthcare monitoring
- Biometrics is supporting the new normal
- Our guest speakers will provide real-world examples of how biometrics is the ideal tool to support safe, secure and convenient identification and authentication



## Barriers to overcome

- Privacy concerns especially with automated facial recognition (AFR)
- Performance consistency across a range of biometric performance and accuracy metrics
- Bias concerns especially with AI biometric technologies
- Presentation Attack Detection – is a biometric technology able to withstand popular and merging spoof attacks?
- Lack of global standards
- Consumer acceptance



## Objectives of the IBF

**Education:** by a combination of face-to-face and online webinars, to provide members with information relating to the technology, applications, geographic dispersion and marketplace for biometric technology.

**Networking:** creating a culture of a community of organisations and individuals sharing an interest in biometrics, through both physical and online plenary meetings, and possibly special interest groups (SIGs) or working groups (WGs) to address specific technical, operational or societal matters of common interest to members. It is recognised that the selling community often does business with itself, and that the potential user community can embrace almost all market sectors.

**Buying and selling:** the creation of a biometric community whose members know each other and can easily communicate, provides an excellent forum for the conduct of commercial business.



## Session agenda

1. Biometrics and beyond, a finserv perspective: **Martin Ingram, RBS**
2. Home Office EU Settlement Scheme: **Jon Payne, WorldReach**
3. Securing corporate payments with biometrics: **Ray Hockley, Hitachi Europe**
4. SUMMARY & CLOSE: **Richard and Alan**

