



Biometrics in the Digital Identity Ecosystem— What You Need To Know and Plan For

Tuesday 14 October 2025
14:00 – 17:00, Registration from 13:30
Smith Square, London

WORKSHOP OUTLINE

This half-day satellite workshop will take place alongside the [Biometrics Institute Congress](#).

The digital roll-out of government and commercial services is happening at pace. Most require proof that the person claiming access to such services and transactions is legitimate and has the necessary entitlement to do so. Frameworks, wallets and other digital mechanisms are being launched, and the workshop addresses the key question of how to bind the individual to the transaction or credential.

This is all part of Digital Public Infrastructure (DPI), a term that's rapidly emerging to encompass the spectrum of capabilities being used as building blocks to develop digital services at societal scale.

Digital Identity aims to provide convenient and trusted digital ways for a person to make their identity and entitlement claim, whether through Digital Wallets, Verifiable Credentials or Trust Frameworks. That makes biometrics a vital component of this emerging Digital Identity ecosystem.

This workshop will explore the role of biometrics in the digital identity ecosystem through the lens of the Biometrics Institute's key "Three Laws" guidance on Policy first, then Process and Technology. It will highlight how to understand assurance levels, binding, biometric performance and risks in this context given the backdrop of rising identity fraud, bad actors using AI and increasing concerns about the privacy of Personal Identifiable Information (PII).

The session will also provide insights into three important guiding documents:

- *Mitigating Biometric Vulnerabilities in Digital Identity – Executive Briefing*
- *Digital Onboarding and Biometrics paper*
- *Digital Identity and Biometric Authentication paper*

AGENDA

13:30 Registration and welcome coffee

14:00 Workshop session one (75mins)

- Context setting on what makes up the digital identity ecosystem
 - o What we mean by digital identity and digital public infrastructure
 - o Where and how it's being used
 - o Mobile Driver Licences; Digital Wallets; Verifiable Credentials; DTC; Digital Trust Frameworks; Employment and Migration rights; Passkeys
 - o Human and non-human angles: In person? Agents?
 - o Standards and legal frameworks governing digital identity
- Roles of biometrics
 - o The Three Laws of Biometrics
 - o Binding to a unique person
 - o Onboarding
 - o Authentication
 - o Proof of Personhood
 - o Age verification
 - o Privacy protection

15:15 Afternoon break and networking

15:45 Workshop session two (75mins)

- What happens when you lose a digital identity, it's taken over or impersonated?
 - o Attack modes
 - o The role of AI in attacks
 - o Attack mitigation
 - o Account recovery
- On-device vs Stored biometrics?
 - o Trust in the device

- Trust in the database
- Performance and assurance
- Pros and cons of each approach

17:00 Finish

Total learning time: 2.5 hours

WORKSHOP PRESENTER



Martin George is a member of the Biometrics Institute Digital Identity Group and has many years' experience in the biometrics industry. He's worked internationally in the technical and business development of voice, face and iris biometrics, across applications ranging from physical access control, to defence force protection, refugee management, automated border control, and smart phones. More recently Martin has been focusing on issues relating to digital identity policies, frameworks, programmes and where they intersect with biometrics technologies.

WHO SHOULD ATTEND?

End-users, integrators, application developers and others interested in digital identity.

VENUE

18 Smith Square, London, SW1P 3HZ

COST

Members: £370 plus VAT

Non-members: £525 plus VAT

Academics subscribers £145 plus VAT

Academic non-subscribers £195 plus VAT

Please note that the academic rate is for professionals – lecturers, full-time researchers, academics – for subscribers and non-subscribers.

Students £120 plus VAT

Proof of current full time student status must be provided before being eligible for the student rate. Student rate registrations will be processed at the discretion of the Biometrics Institute.

The Institute has experienced a rise in late registrations, and this has a significant impact on administrative cost and time, the management of event logistics, and catering arrangements. As such, delegate fees for late registrations will increase by £100 effective from Tuesday 30 September 2025.

REGISTRATION

Register at our [website](#).

ADDITIONAL NOTES

If you have comments on this event, are interested in membership or have general enquiries about the Biometrics Institute, please email shelley@biometricsinstitute.org

Please also note the [Good Practices for Utilising Facial Recognition in Identity Verification, Security, Intelligence & Law Enforcement Workshop](#) that precedes this event in the morning.

IMPORTANT DISCLAIMER NOTIFICATION

The Biometrics Institute provides training and course material as a tool to help you conduct due diligence. While the Institute has used reasonable care to ensure the accuracy of the material and course, due to the content and variable inputs during and after the process of implementing biometrics, the Institute cannot be held accountable for outcomes or compliance. The material and course have been prepared for informational purposes only and are not intended to provide legal or compliance advice. You should consult your legal advisor should you require advice on the legal or compliance aspects of the material or course.