



Starting soon....

eID Wallet Seminar

26th April - Brussels & Virtual

Platinum Sponsor:

THALES

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**Global
Platform™**

GlobalPlatform eID Wallet Seminar

Brussels / Virtual



APRIL 26, 2023
9:00 - 17:00 CET



eID Wallet Seminar – April 26th

Opening Keynote

Stéphanie El Rhomri
GlobalPlatform Chair

WELCOME



Building the Foundation of Security for 20+ years

GlobalPlatform is *THE* standard for managing applications on secure chip technology:

- 60 billion+ Secure Elements shipped worldwide are based on GlobalPlatform specifications
- Over 15 billion GlobalPlatform-compliant Trusted Execution Environment in the market today

Financial Industry



- Bank cards
- Credit Card
- PoS

Identification & Trusted Signature



- Health cards
- Social security cards
- Government Identification Cards
- Enterprise Identifications

Mobile Industry



- All SIMs
- GSMA eSIM is based upon GP technology
- Most Android phones use GlobalPlatform Trusted Execution Environment

Passports



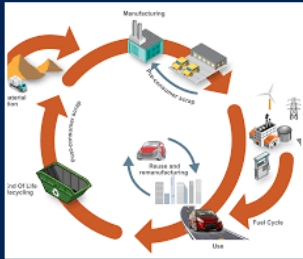
Many ePassports are GlobalPlatform based

Internet of Things



- Connected TVs
- Meter Gateways
- Smart Meter
- Smart Home Devices
- Wearables

Lifecycle Management



Guidance for Management of Backend Systems (e.g., key management, service lifecycle management)

GlobalPlatform specifications are publicly available for use on a royalty-free basis.

Who is GlobalPlatform?

Industry focused and Member driven



The Standard for Secure Digital Services and Devices

- 1 Non-profit, member-driven technical association
- 2 Enables collaboration between service providers and device manufacturers
- 3 Standardized framework ensures devices are secure enough to protect against threats and attacks
- 4 Enables the delivery of secure digital services to end users

Key GlobalPlatform Assets

Secure by Design

Foundations

Root-of-Trust

Standardized service and assets management

Design for Certification

Components

Secure Elements

Trusted Execution Environment

Root of Trust for Micro Controller

Systems

Device Trust Architecture

Trusted Platform APIs

Composition with SESIP Certified Components

Trustworthy Systems

Certify

GlobalPlatform Certified Secure Components: functional and security

Guidelines for Regulatory Compliance, based upon the SESIP Secure Evaluation Methodology

Secure Lifecycle Management

Over the Air Updates

Software Bill of Materials Lifecycle

Post Quantum Migration

Evolving to Support Future Requirements

- eID Wallet Deployment
- SESIP ecosystem development
- GlobalPlatform Training and Workshops

Technical Expertise

Common Goal

Brings together ecosystems, industry organizations, governments, and regulators to deliver mass market secure technologies and certifications that comply with longevity and different market requirements.

Established Standards

Over 150 technical documents available

60 billion+ GlobalPlatform-certified SEs in the market

Smartphones, Plastic SIMs, credit cards, ID Cards, ePassports, Driving Licenses

Successful Collaboration

Over 20 years of implementations

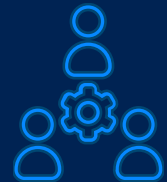
Membership

2,600

Representatives from

87+

Member companies



GlobalPlatform Technology is developed by

3 Technical Committees with

15

Working Groups



6 Task Forces

provide strategic requirements and use cases in alignment with

32 Industry Partners

GlobalPlatform Members



GlobalPlatform Collaborative Partners



Certification Benefits

Device manufacturers can:

- Market products as meeting digital service provider needs with international recognition
- Prove that their digital service management capabilities meet security requirements

Service providers have:

- Reassurance that certified products meet their needs

The GlobalPlatform Certification Program confirms product adherence to functional requirements and market defined security thresholds

In 2022...



12
**Accredited
Labs**



20 Test
Suites



186
**QUALIFIED
PRODUCTS**



- Dedicated Certification Secretariats
- Independent Program
- Internationally Recognized

Supporting high security for eID Wallets



Analysts estimate more than five billion people will be using digital wallets by 2026.

(Source: [Juniper Research](#))

GlobalPlatform has created a **new eID Wallet Task Force** to address today's market requirements.

- Outline different possible solutions (e.g. eSE, eUICC, SAM) that enable high security.
- Analyze the pros and cons of each design for the digital value chain.

Our members are helping to define the future industry requirements and solutions that will provide the secure foundation of eID Wallet services.

GlobalPlatform technologies can support many different business models for eID deployments.

Supporting Openness & Interoperability in identity



GLOBALPLATFORM RUN QUALIFICATION PROGRAM

The qualification program is working to enhance the interoperability of identity management systems, support identity solution development and address government requirements for OSIA compliance.

The OSIA global qualification program aims to support the growing number of government bodies that want to introduce an OSIA qualification as a solution pre-requisite during their tendering process.

It is doing this by enabling the government-industry collaboration needed to build open, innovative and future-proofed national identity systems.

Launched by the Secure Identity Alliance, OSIA is an open standard set of interfaces (APIs) that enables seamless connectivity between building blocks of the identity management ecosystem – independent of technology, solution architecture or vendor.

Focusing on the objective of High Security



1. Opening Keynote

Stéphanie El Rhomri – GlobalPlatform Chair

2. Keynote: Future-proofing Digital Identity in Europe with security and trust

Benoit Jouffrey – CTO, Thales DIS

3. Keynote: Overview and outlook for the EUDI

Asa Barton, DG CONNECT / EU Commission

4. Different deployment models for eID Wallets with GlobalPlatform Technologies

Gil Bernabeu, CTO GlobalPlatform

5. Ensuring end to end security and interoperability

Panel Discussion

6. Outlook of the future German EUDI deployment

Mike Bergmann, Federal Office for Information Security (BSI)

7. German Trusted Services Management System deployment as an enabler for Digital Identity

Christian Stengel, Deutsche Telekom Security

8. The future Secure Applications on Mobile (SAM) model

Yolanda Sanz, GSMA

9. High security implementation options for eID Wallets

Panel Discussion

10. eID Wallets in action – a service provider perspective

Thierry Huque, European Payment Initiative

11. eID Wallet requirements from a service provider perspective – Panel Discussion

12. Keynote: Certification for a harmonized level of trust in the security of eID Wallets

Slawomir Górniak - Senior Cybersecurity Expert

13. Future approaches for certification of eID Wallets

Panel Discussion

14. Closing Remarks

Ana Lattibeaudiere – GlobalPlatform Executive Director

Introducing our next keynote



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Global Platform™

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