



**Global
Platform™**

GlobalPlatform Annual Report 2023



Global Platform™

The standard for
secure digital services
and devices

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Reflecting on progress...

It has been another year of opportunity for our organization. GlobalPlatform continues to deliver technical expertise and critical support to create collaborative and open ecosystems that further empower our members.

We have proactively responded to industry developments – evolving our Task Forces to promote cross-industry discussion to identify market requirements, and launching crucial specifications that develop confidence and inspire trust in secure technologies and certifications.

Key Achievements

- GlobalPlatform formed the **Cybersecurity Vehicle Forum**, hosting events in Munich and Detroit that brought the automotive value chain together to specify requirements and enable cross-industry engagement on cybersecurity.
- The second **Standardization Executive Roundtable** welcomed full members to define their short and long-term priorities. This insightful discussion proved to be the catalyst to enable us to address the topics and trends through our technical roadmap.
- New specifications have been published covering **SESIP** governance, **Cryptography** recommendations for TEE internal mechanisms and **Root of Trust** definitions and requirements.
- We launched the **GP Women Initiative** – a Group committed to championing women in the cybersecurity ecosystem. We also welcomed Nicola Palmer, Chief Technology Ambassador at Verizon, to officially launch the Group in March 2023. Empowering females in the industry remains a key priority for our organization, [here is why](#).
- Experts from government and industry, including BSI, Deutsche Telekom Security, GSMA, ENISA, EU Commission, NXP Semiconductors, Orange and Thales, joined us in Brussels for the **GlobalPlatform eID Wallet Seminar** to discuss and debate the future of the European Digital Identity (EUDI) Wallet.
- With a focus on delivering more certifications, we renewed our **ISO 17065 accreditation** – ensuring we continue to deliver the highest value for our industry partners and participants – and announced that GlobalPlatform would be the qualification authority for the **OSIA global qualification program** – read more on page 26.

While the last year has proved to be transformative in how we support our membership and deliver standardized technologies and certifications that matter, there is so much more to do. Through industry-driven collaboration, innovation and critical knowledge-sharing, we can continue to make a difference in how we truly connect the digital world.



Stéphanie El Rhomri

Stéphanie El Rhomri
Chair of the Board

Looking ahead...

As the world becomes increasingly connected, there has never been a more important time to ensure devices remain secure and interoperable. GlobalPlatform has been building the foundations of security for over 20 years and remains committed to driving new initiatives that increase trust and security in devices, enabling stakeholders to efficiently – and effectively – deliver innovative digital services.

Through collaboration with our members and industry partners we have been able to identify key roadmap and organizational priorities for GlobalPlatform. Some of this work has already begun – as you will see in this report – but there is still a long way to go if we are to standardize and certify technologies that address specific business security and scalability needs. Below is an overview of our focus areas and the progress we are making.

Strategic Initiatives

- Following the release of GSMA's **Secured Applications for Mobile (SAM)** requirements, GlobalPlatform is helping impacted industries to navigate how secure applications will be deployed, managed and accessed within the eUICC of a device.
- As EU member states get set to pilot their EU Digital Identity (EUDI) Wallet apps, GlobalPlatform has been building the foundations to foster trust in **digital identity** and enable secure EUDI wallet implementations.
- We have also launched a dedicated **eID Wallet Task Force** to identify wallet use cases and propose deployment models focusing initially on supporting Europe, and now expanding our scope to encompass the global market.
- As part of this effort, GlobalPlatform will also work to standardize a **Cryptographic Service Provider (CSP)** Application Programming Interface (API) to help ease the certification of digital ID applets by promoting reuse and reducing fragmentation.
- **SESIP** will be the cornerstone of a secure connected future. GlobalPlatform is building the future ecosystem, as well as rolling out a dedicated SESIP training program, seminars and educative resources to support the creation of IoT vertical-specific schemes.
- Ensuring the cybersecurity of vehicles is another key focus for GlobalPlatform. Alongside launching a specialist **Automotive Task Force** and **Cybersecurity Vehicle Forum**, we are working on a mature and interoperable cybersecurity standard and certification program to comply with regulations that foster industry growth with innovation and product differentiation, and **Post-Quantum Cryptography (PQC)** migration.

As always, GlobalPlatform cannot do this work alone. The active participation of our members is invaluable if we are to effectively develop, deploy and manage trusted digital services and devices that encourage a more connected world. Get in touch to offer your vital expertise: ana.lattibeaudiere@globalplatform.org



Ana Tavares Lattibeaudiere

Ana Tavares Lattibeaudiere
Executive Director

GlobalPlatform in numbers

Collaboration →

 **2,280+**
representatives from
89 member companies

 **3 Technical Committees**
supported by 15 Working Groups

6 market-specific
Task Forces

 **36 Industry Partnerships**

3 Sub-Task
Forces



 **3 certified trainers** with more coming soon!

Adoption →

 **100%**
of SIMs and eSIMs produced
after 2001 rely on
GlobalPlatform technology

 **62bn+**
GlobalPlatform-compliant SEs
shipped worldwide

Tens of billions of
GlobalPlatform-certified
SEs and TEEs are used in
devices across market sectors,
including identity, automotive,
IoT, payments, mobile
connectivity and more.



 **200**
specifications and technical
documents available

Certification→



560 products certified



48 test suites available



7
GlobalPlatform-accredited labs in China, France, Spain, UK, and Netherlands.

Over the course of 2022-23



7bn+
GlobalPlatform-certified SEs shipped



168
Technical Committee and Working Group meetings, along with 90 virtual Task Force and Sub-Task force sessions



Launched
the **eID Wallet Task Force** & held seminar in Brussels



3
SESIP seminars held in Austin, Barcelona & Taiwan



13
new specifications published



46
products certified



5
new industry partners welcomed



Launched
Cybersecurity Vehicle Forum with events in Munich & Detroit

Why GlobalPlatform?

A Legacy of Building Standards That Benefit Everyone

For over 20 years, GlobalPlatform has worked to develop frameworks and technologies that support the isolation of an execution environment in a device to deliver secure services and trusted storage for diverse industries and stakeholders.

At the core of our work is the standardization of Secure Element (SE) and Trusted Execution Environment (TEE) technologies. Having been the body responsible for standardizing SE technologies since 2000 and TEE technologies since 2010, GlobalPlatform secure components are an industry-recognized benchmark for security, interoperability, and privacy.

GlobalPlatform also creates device specifications, with associated open-source program code, that define a universal language to access secure services provided by GlobalPlatform SEs and TEEs through Trusted Platform Services (TPS) APIs. The aim is to make it easier for service providers and application developers, in different market sectors, to link together the strong security technology offered by secure components in their products.

Most SIM cards, credit cards, identity cards, ePassports and smartphones today rely on GlobalPlatform's technologies.

New Initiatives, Grounded in Proven Security

Banking and identity were the first industries to adopt GlobalPlatform standards. This was quickly followed by the mobile industry and has since expanded to encapsulate numerous other connected industries.

With the digitalization of our world continuing to introduce new requirements, GlobalPlatform is working with its members and industry partners to improve understanding of how secure components can be used to address specific markets and use cases.



Financial Services



Smart City



Identity



Automotive



Mobile



Utilities



Consumer Electronics



Logistics



Healthcare

→ **Bring us your requirements!**

In Focus: eID Wallets, SESIP and Automotive

eID Wallets

The development of eID Wallets globally led to the establishment of the GlobalPlatform eID Wallet Task Force to analyze, identify and address digital identity wallet use cases, propose secure and frictionless deployment models and support the long-term needs of European governments that are engaged in large-scale ID and eID deployments.

→ [Learn more on page 18.](#)

SESIP

The Security Evaluation Standard for IoT Platforms (SESIP) has rapidly grown into an internationally recognized standard for IoT security evaluation.

GlobalPlatform continues to evolve the SESIP methodology to map with additional regulations and standards requirements. We are also creating specific security profiles to address new markets such as healthcare and automotive.

→ [Learn more on page 20.](#)

Automotive

GlobalPlatform has launched a broad-reaching initiative to drive engagement across security experts in the full automotive value chain and adjacent digital services. The objective is to optimize and accelerate the deployment of secure components, trusted digital architecture, security APIs, and security lifecycle management within the automotive sector. This initiative is being led by a dedicated Automotive Task Force to foster the alignment of GlobalPlatform technologies with automotive use cases and requirements.

→ [Learn more on page 13 & 17.](#)

Who is GlobalPlatform?

Our Executive Team is responsible for the development and adoption of GlobalPlatform's technical specifications, driving awareness and understanding of our work and managing day to day operations.



Ana Tavares Lattibeaudiere
Executive Director



Gil Bernabeau
Chief Technology Officer



Tono Aspinall
Alliances Management
Operations Director

Our Board of Directors is comprised of 11 representatives from GlobalPlatform Full Member companies, who work together to develop and drive the organizational strategy.



Stéphanie El Rhomri

GlobalPlatform Chair,
FIME



Olivier Van Nieuwenhuyze

Vice Chair,
STMicroelectronics



Claus Dietze

GlobalPlatform Treasurer and
Secretary, Giesecke + Devrient
Mobile Security



Rob Coombs

ARM



Eikazu Niwano

NTT Corporation



Sebastian Hans

Oracle



Jeremy O'Donoghue

Qualcomm



Guillaume Phan

Thales



Scott Migaldi

T-Mobile USA



Richard Hayton

Trustonic



Marc Kekicheff

Visa Inc.



Our Technologies

Trusted Innovation: Build, Certify, Deploy & Manage

As digital transformation continues to drive change across our industries, GlobalPlatform technologies enable device makers and service providers to focus on their business models and innovation, safe in the knowledge that standardized security will continue to work for them as new risks and opportunities arise.



Build

- GlobalPlatform secure components provide a secure platform to build customizable, innovative products that answer security, regulatory and market requirements.
- GlobalPlatform TPS APIs provide a standardized way to access secure services in the device and help to create an attestable Chain of Trust (from the Root of Trust (RoT) to the application or the cloud). These APIs are optimized for the IoT and built with an attestation-by-design mindset.
- This standardized approach to security and attestation brings confidence and simplifies set-up processes to reduce the burden on manufacturers who rarely have the time, and consumers who rarely have the expertise, to securely onboard devices to networks, cloud platforms and digital services.

GlobalPlatform is supporting new designs and architecture to enable the management of Roots of Trust on Microcontroller Units (MCUs) from design to certification and market adoption.



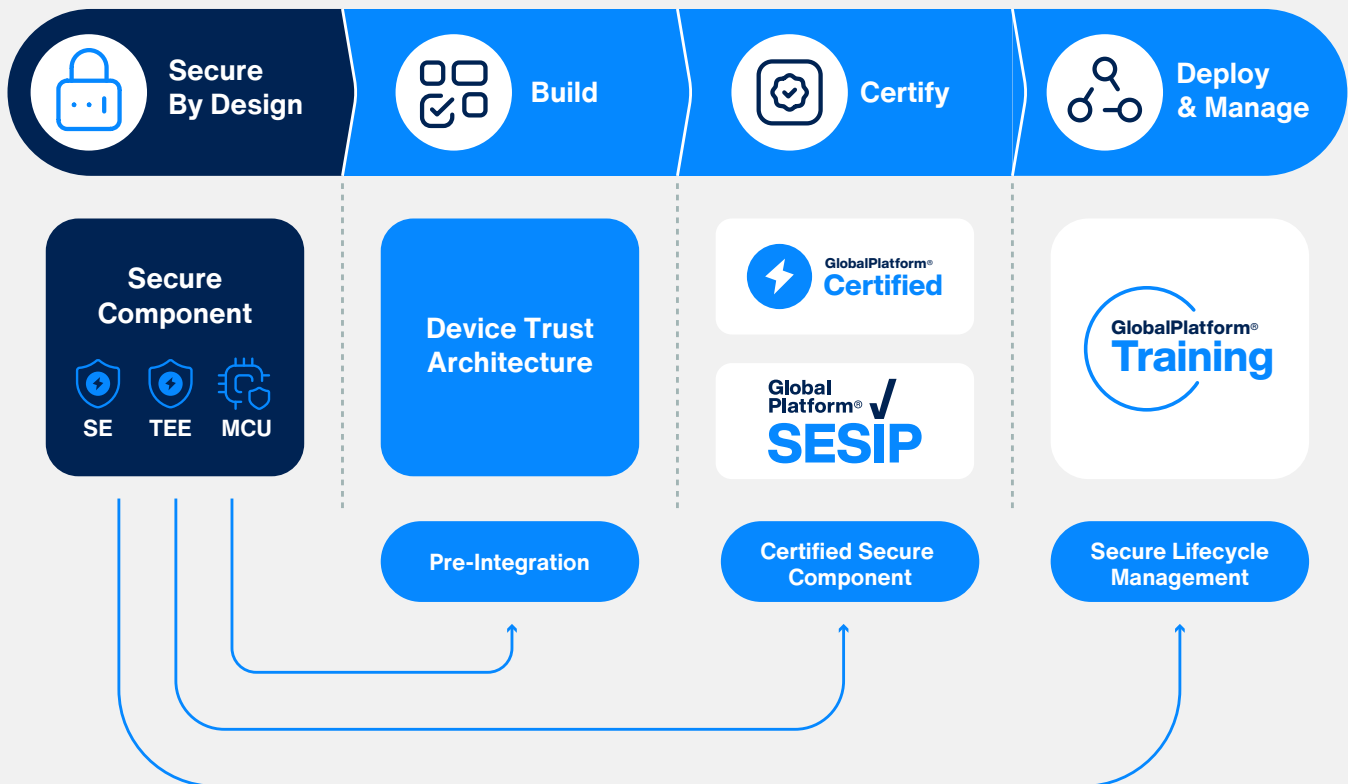
Test & Certify

- Product testing and certification helps manufacturers demonstrate the quality and security of their solutions, propagate trust among service providers and accelerate the adoption of value-added services.
- Companies can verify product adherence to GlobalPlatform technical specifications, market-specific configurations and security levels through GlobalPlatform's functional and security certification schemes.
- GlobalPlatform also collaborates with the IoT ecosystem to simplify security evaluation through the SESIP methodology, which is now an EN 17927 Standard. By enabling reuse and composition of certified components, SESIP optimizes the effort of vendors and laboratories to adhere with worldwide regulations and standards, reducing the cost and time of evaluation.



Deploy & Manage

- Industry, service provider, device maker and end-user requirements change rapidly, making the ability to securely update devices and applications essential.
- GlobalPlatform develops frameworks and secure protocols for managing software updates and downloading secure applications, as well as mechanisms to switch underlying cryptography to protect against quantum threats.
- The organization's focus on ensuring that the firmware in devices is updateable and protected against attacks, provides the assurance that solutions will function as intended when deployed in the field and can be remotely managed to ensure cyber resilience.



“Business, security and privacy regulations are demanding more of the technical community. Yet across all industries, we are seeing the same fundamental needs. Device makers and service providers need technologies that provide the flexibility to build to their specific requirements. They need tools that simplify compliance with evolving regulations and make security understandable for non-experts. The ability to deploy secure services anywhere and at any time based on state-of-the-art cryptography is also crucial. In today’s digital society, we must be confident that once a solution is live in the field, it can be remotely managed and securely updated throughout its lifecycle to protect against future threats and risks posed by quantum computers.”



Gil Bernabeu
Chief Technology Officer





Addressing Emerging Automotive Requirements

Evolving cybersecurity requirements and new connectivity and service-oriented trends are having a major impact on the future of automotive security. These changes require robust, trusted service solutions to create agility in developing and deploying new services, but also flexibility in updating services in the field. Additionally, the global semiconductor chip shortage emphasized the need for standardized, secure technology in vehicles, supported by multiple providers, to deliver everything from entertainment systems to power steering.

As a leader in delivering specifications and certifications for secure digital services, GlobalPlatform has existing technologies to support the evolving requirements in trust management for automotive, and members are already providing solutions. Therefore, in 2022, GlobalPlatform launched a dedicated automotive initiative to address these issues. Through the Automotive Task Force, GlobalPlatform has partnered with automotive standards organizations to better define and answer to the needs of this market. We recognize that GlobalPlatform technology will not solve all requirements and that a common platform to discuss and align the industry will become mandatory. This is why the Cybersecurity Vehicle Forum was created - to unite the automotive ecosystem in optimizing cybersecurity for vehicles.

By establishing cooperative agreements with key automotive industry organizations, GlobalPlatform aims to develop a standard reference framework and map GlobalPlatform specifications to existing requirements and

regulations. The Car Connectivity Consortium was the first automotive standard to use GlobalPlatform-SEs to define the digital car key technology that is publicly available today. Currently, we have started to coordinate with the **Society of Automotive Engineers (SAE)** to work on the harmonization of hardware-based secure execution environments in automotive (J3101). We have also partnered with **AUTOSAR** to coordinate the alignment of secure component standards and specifications for automotive. In addition, GlobalPlatform has joined the **Auto-ISAC** community. These alliances will ensure coordination and alignment on common requirements with key automotive and cybersecurity organizations. GlobalPlatform is focused on working with the full automotive value chain to develop interoperable, secure components that meet emerging vehicle standards.

Collaborating on technical priorities

When developing standards that enable convenient and trusted digital services across market sectors, industry collaboration is key.

GlobalPlatform members make their voices heard and align the organization's technical priorities with business goals, by participating in our technical committees, working groups and task forces.

Secure Element (SE) Committee



 **G+D**
Mobile Security

Chair:
Karl Eglof Hartel, G+D Mobile Security

Mission:
Define industry and technology neutral specifications for the secure and interoperable deployment and management of multiple embedded applications on SE technology. This includes embedded and integrated SEs, SIM/UICC, as well as smart cards.

[Learn more →](#)

Key Initiative:

GSMA Secured Application for Mobile (SAM)

Objective:

Finalize the SAM configuration for GlobalPlatform SE specifications, the associated compliance test suite and Protection Profile. This initiative is being driven in collaboration with GSMA.

Key Initiative:

Support eID and Automotive Requirements

Objective:

Develop specific configurations for addressing requirements from automotive and eID Wallet use cases.

Key Initiative:

Enhancing Low Level Protocols for SE Integration

Objective:

Develop a Next Gen APDU Transport specification, and publish a new Secure Channel Protocol enabling remote application and file management on constrained IoT devices and low-power networks.

Trusted Execution Environment (TEE) Committee



TRUSTONIC

Chair:

Richard Hayton, Trustonic

Mission:

Define an open security architecture for consumer and connected devices and enable the development and deployment of secure services from multiple service providers.

[Learn more →](#)

Key Initiative:

Address TEE Evolution

Objective:

Update the Core APIs to reflect the new capabilities in the TEE Architecture 1.3 which adds capabilities around hypervisors and new processor types.

Key Initiative:

Support Automotive Requirements

Objective:

Develop a specific configuration for addressing requirements from automotive use cases.

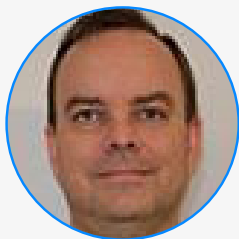
Key Initiative:

TEE Compliance and Security Documentation

Objective:

Update the TEE compliance program and maintenance of the TEE security documentation including the attack methodology.

Trusted Platform Services (TPS) Committee



Qualcomm

Chair:

Jeremy O'Donoghue, Qualcomm

Mission:

Make it easier for service providers and application developers in different market sectors to link together the strong security technology offered by secure components in their products.

[Learn more →](#)

Key Initiative:

Enabling Access to Secure Services

Objective:

Finalize TPS Keystore, TPS Client API, and TPS Entity Attestation Protocol Specifications as the first APIs to access the secure services provided by the RoT in devices, including SEs, TEEs and MCUs.

Key Initiative:

Open Source

Objective:

Organize a DevFest to promote the open source reference implementation for the software developer community.

Automotive Task Force



TRUSTONIC

Chair:

Richard Hayton, Trustonic

Mission:

Securing software defined vehicle services.

[Learn more →](#)

Key Initiative:

Aligning GlobalPlatform Specifications to the J3101 Automotive Standard

Objective:

Enable GlobalPlatform-certified components to be in compliance with the Society of Automotive Engineer's (SAE) Hardware Protected Security Environments J3101 automotive standard, and to demonstrate compliance through GlobalPlatform's test suites.

Key Initiative:

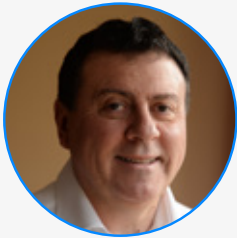
Alignment with AUTOSAR's adaptive platform

Objective:

Align GlobalPlatform's automotive configuration with the AUTOSAR adaptive platform, thus enabling compliance with the de facto standard.



eID Wallet Task Force



THALES

Chair:

Jean-Daniel Aussel, Thales

Mission:

Enable the deployment of digital identity wallets that meet the highest levels of security, while also being convenient to use and inclusive for citizens.

[Learn more →](#)

Key Initiative:

Enabling New SE Technologies to Securely Host Digital IDs

Objective:

Support the deployment of digital ID applications on SEs with different form factors – such as embedded SE or embedded UICC – with a certifiable high-security level of assurance.

Key priorities:

- Define eID requirements for the SAM specification, to enable ID applets to be securely deployed on existing eUICCs (embedded SIMs / eSIMs), independently and in complete isolation of the operator profiles.
- Drive the development of a Cryptographic Service Provider (CSP) specification that will ease the certification of digital ID applets by delegating sensitive cryptographic operations to a certified library, embedded in the SE.

Spotlight: How GlobalPlatform supports eID implementation

With eIDAS 2.0 regulation now officially in place, European Digital Identity (EUDI) wallet deployments are expected in early 2025 after a phase of large-scale pilots. It is the responsibility of each of the 27 member states to develop and issue an eID Wallet with a scheme that is recognized and accepted by all other member states.

Having successfully developed several interoperable and reliable technologies for trustworthy devices and digital services, GlobalPlatform is in a strong position to provide the foundations for fostering trust in the EUDI Wallet, regardless of the underlying wallet attributes or data model.

The compliance program ensures the interoperability of GlobalPlatform secure components, which are deployed on a range of form factors that can fit different needs of EUDI Wallet implementations.

As such, GlobalPlatform technology will enable EUDI Wallet implementations to support the highest assurance security requirements when the ENISA certification scheme for the EUDI Wallet is defined.

Security Task Force



Chair:
Olivier Van Nieuwenhuyze, STMicroelectronics

Mission:
Define GlobalPlatform's security philosophy and its contribution to the security landscape in collaboration with the Crypto Sub-Task Force and SESIP Sub-Task Force.

[Learn more →](#)

Key Initiative:
Cybersecurity Certification

Objective:
Engage the European Union Agency for Cybersecurity (ENISA) on the alignment of security levels and cybersecurity certification frameworks to address fragmentation.

Key Initiative:
Addressing Market Requirements

Objective:
Define requirements for use cases and market sectors and contribute to GlobalPlatform's Technical Committees to shape the development and evolution of technologies and certifications that address them.

Priorities include:

- Obfuscation method evaluation
- Cryptographic Service Provider requirements
- Finalizing the requirements for the Operating System (OS) update of Government IDs.

SESIIP Sub-Task Force



Chair:

Eve Atallah, NXP Semiconductors

Mission:

Develop and drive global adoption and recognition of the SESIP methodology across markets.

[Learn more →](#)

Key Initiative:

SESIIP Methodology

Objective:

Drive adoption and recognition of SESIP certificates by:

- Educating on the security, cost, and time-to-market benefits.
- Mapping the methodology to other standards and regulations.
- Issuing or reviewing SESIP profiles for specific types of IoT components.
- Providing access to SESIP training, qualified evaluation laboratories and certification bodies.

Spotlight: **The Security Evaluation Standard for IoT Platforms (SESIIP)**

An optimized security evaluation methodology, designed for IoT devices

GlobalPlatform recognizes that many IoT products are comprised of more components than traditional security evaluation approaches were designed to address.

This is why the organization supports IoT device makers, labs and certification bodies to adopt the Security Evaluation Standard for IoT Platforms (SESIIP) – a common security evaluation methodology – to establish their own IoT device security certification schemes and adopt trusted components that have already been SESIP-evaluated.

Why SESIP?

SESIIP delivers greater efficiency, cost-savings and ensures defined assurance levels across a broad range of regulatory and security frameworks including ETSI, ISO/IEC and NIST, as well as specific, vertical regulations.

CEN CENELEC has publicly cited its intention to adopt SESIP as a European Standard (prEN 17927).

Supporting IoT device makers and certification bodies

GlobalPlatform can provide existing SESIP documents, Protection Profiles and approaches on establishing schemes that support the methodology. Certification bodies can also onboard an existing GlobalPlatform laboratory or GlobalPlatform can assist them in training and certifying new labs.



Crypto Sub-Task Force



THALES

Chair:

Beatrice Peirani, Thales

Mission:

Evaluate and provide recommendations on the cryptographic mechanisms used in GlobalPlatform technology, to ensure high levels of security as cryptography trends and technologies evolve.

Key Initiative:

Post Quantum Cryptography (PQC) Migration

Objective:

Provide guidance for members on migration, transition, hybridization, and crypto agility standards, as well as validate the PQC migration strategy and update crypto recommendations for the integration of PQC algorithms published by security standards bodies including the National Institute of Standards and Technology (NIST).

[Learn more →](#)

Spotlight: Post-Quantum Cryptography

GlobalPlatform is supporting the migration to Post-Quantum Cryptography (PQC) and actively engages with its members, and external security organizations, to ensure that security requirements from a broad range of use cases and market sectors are addressed for each phase:

- **Secure Channel Protocol (SCP04)** – based on symmetric cryptography and designed with crypto agility in mind, the new protocol enables the transfer of data with authentication, integrity, data origin and confidentiality.
- **Specialist recommendations** – GlobalPlatform maintains a classification table of cryptographic algorithms and key lengths based on the recommendations of several national agencies – including NIST and the SOG-IS – that is continuously updated as new threats are anticipated.
- **Specifications** – to provide security frameworks that help device manufacturers protect their products and associated content across many use cases, from payments to smart homes and cities, government and enterprise ID.
- **Supporting the automotive industry** – bringing industry players together to collaborate on the development of a winning PQC migration strategy for automotive.

SBOM Task Force



Chair:

Gonda Lamberink, Fortress Information Security

Mission:

Analyze the impact of and provide guidance on the deployment of the Software Bill of Materials (SBOM).

[Learn more →](#)

Key Initiative:

Guidance on SBOM

Objective:

Publish a whitepaper that analyzes the impact of the SBOM and provides guidance relating to its deployment, including a consistent means to produce, consume and exchange, software transparency and assurance information.

China Task Force



Chair:

Xinmiao Chang, Huawei

Mission:

Provide a platform for members with business interests in China to identify and agree on requirements from the region. The group also works directly with Chinese industry and standardization associations.

[Learn more →](#)

Key Initiative:

Addressing Regional Requirements

Objective:

Identify regional requirements and expand GlobalPlatform technology adoption and the certification program to address specific needs.

Priorities include:

- Collaborating with members to identify market requirements for new initiatives, including automotive and SESIP.
- Promoting the TEE and SE success stories of regional members.
- Increasing the number of online and in person task force meetings with support from members and event partners.

Japan Task Force



Chair:

Eikazu Niwano, NTT Corporation

Mission:

Provide a dedicated platform for members with business interests in Japan to gather and discuss business and functional requirements of specific market sectors within the region.

Key Initiative:

Expand GlobalPlatform Adoption

Objective:

Expand GlobalPlatform technology adoption and the certification program across the smart cities market, as well as critical infrastructure and consumer device industries in Japan. This is in addition to a focus on automotive and driving engagement with local associations and other relevant entities.

[Learn more →](#)

GlobalPlatform services

Supporting the adoption and launch of standardized secure services

GlobalPlatform workshops, training sessions and publications provide a deep-dive into specific technologies, demonstrate their real-world application, and provide information on the latest market trends, opportunities, and challenges.



Functional and Security Certification

GlobalPlatform's independent and industry-driven evaluation and certification schemes are ISO/IEC 17065-accredited and enable product vendors to demonstrate product adherence to GlobalPlatform's specifications, market-specific configurations, and protection profiles.

- **Functional** - evaluate the functional behavior of a product against the requirements outlined by GlobalPlatform configurations and associated specifications to achieve market interoperability. Independent testing provides confirmation that a digital service will perform as intended in the field on any certified product, regardless of the product provider.
- **Security** - validate conformance of a secure component to a Common Criteria-recognized protection profile through independent security evaluation. To assist the market in managing varying security requirements, GlobalPlatform has structured the program under three security levels: Basic, Enhanced (TEE products) and High (SE products). This enables device makers to select the most appropriate accredited component for meeting their particular requirements, and service providers to confidently and effectively manage risk and comply with industry requirements.

[Learn more →](#)

Laboratories and test tool suppliers can also work with GlobalPlatform to become accredited and offer their own GlobalPlatform-certified test services.

[Learn more →](#)



An ISO 17065 accredited certification body

GlobalPlatform has renewed its ISO/IEC 17065 accreditation, ensuring the organization continues to deliver the highest levels of value to participants and partners of its state-of-the-art functional and security certification programs (such as SE and TEE).

ISO/IEC 17065 (number 5486.01) sets out requirements for the impartiality, competence, confidentiality, consistent operation and openness of product, process and service certification bodies. The accreditation confirms that the operation of the GlobalPlatform certification body answers all process requirements and maintains a quality management system supporting continuous improvement processes.

[Learn more →](#)

Managed Certification and Qualification Services Supporting EMVCo, GSMA and Secure Identity Alliance (SIA)

GlobalPlatform's functional and security certification schemes are recognized across industries. The organization uses its expertise and infrastructure to support a number of other organizations with managed certification and qualification services.

[Get in touch →](#)

Spotlight: OSIA qualification program

GlobalPlatform is the qualification authority of SIA's OSIA global qualification program and issues an 'OSIA-qualified' mark to vendors following the successful assessment of their products/ solutions against the OSIA test plan.



In focus: Supporting openness and interoperability in identity with OSIA

Launched by SIA, 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.

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

It also 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.

[Discover more →](#)

Technical training

Secure Element (SE)

A two-day training course supporting product developers, system integrators, chip manufacturers and service providers to implement the GlobalPlatform Card Specifications into their own business models and product offerings – saving them significant cost and time-to-market.

This technical, instructor-led and engaging training program demonstrates how GlobalPlatform Card Specifications can be used to support the delivery of digital services in different markets for industrial and consumer use cases.

There is also the option of a third ‘market-specific’ training day, focusing on payments/mobile contactless, mobile identity or SE for IoT.

[Sign up →](#)

Trusted Execution Environment (TEE)

These two-day interactive and instructor-led courses cover the technologies, support systems and architectures of the TEE:

- **Program/Product Managers** – for those developing applications within the TEE or device manufacturers integrating a TEE into their device. Become proficient in the TEE’s security mechanisms and methods, architecture, security and functional certification and trusted application management.
- **Developers** – taught in partnership with a TEE Open-Source development environment. Learn how to effectively implement a TEE environment and enable the development and deployment of secure applications from multiple service providers.

[Sign up →](#)

[Sign up →](#)

**Global
Platform® ✓
SESIP**

Security Evaluation Standard for IoT Platforms (SESIP)

GlobalPlatform has enhanced its training program to improve industry knowledge of the SESIP methodology including levels of security, the key concepts of composition and re-use and GlobalPlatform's governance model.

Two-day in-person training or four half-day virtual sessions available for:

- **Product vendors, regulators, and scheme owners** – grow your understanding of the SESIP methodology, its objectives, applicability to other standards and GlobalPlatform Governance rules. This includes our SESIP security profile requirements and how to become a GlobalPlatform SESIP Laboratory or Certification Body licensee.
- **Labs** – learn how to implement the evaluation methodology to support your SESIP projects and provide an efficient and swift solution for IoT device certification. GlobalPlatform member companies can also participate in GlobalPlatform's committees and task forces to improve the SESIP methodology and associated supporting documents.

Sign up →

STAR Awards

Recognizing and rewarding GlobalPlatform members

Launched in 2004, the STAR Awards program recognizes individuals who have demonstrated exemplary member participation throughout the year.

The annual awards celebrate individuals who have made a significant contribution toward GlobalPlatform's vision of creating a fully collaborative and open ecosystem in which all stakeholders can efficiently deliver innovative digital services, while providing greater security, privacy, simplicity and convenience to users.

The latest winners – announced at GlobalPlatform's Annual All Member Meeting in November 2022 – were:

★ **Sandeep Tamrakar**

Huawei Device (Dongguan) Co., Ltd
[Collaboration and teamwork](#)

Recognizing Sandeep's continued work to support and assist in chairing of the TEE Specification Working Group, alongside helping to ensure processes are followed.

★ **John Hillan**

Qualcomm Technologies Inc.
[Making it happen](#)

Following the hard work with the TPS Committee, John's expertise helped drive the Entity Attestation Protocol Specification – a key technology for devices in today's connected world when building trust.

★ **Gaël Gérard**

Orange
[Making it happen](#)

Driving different documents forward across GlobalPlatform's SE and TPS communities have been hugely valuable contributions from Gaël. In particular, the delivery of a complete solution for SAM, making this technology a reality.

★ **Martin Strauch**

Huawei Device (Dongguan) Co., Ltd
[Collaboration and teamwork](#)

Awarded for Martin's contributions to GlobalPlatform Card Specification Amendment K (SCP04) as well as his work on a new Controlling Authority Security Domain scenario '04' to Amendment A.

★ **Arto Niemi**

Huawei Device (Dongguan) Co., Ltd
[Making it happen](#)

Arto's efforts to improve the ability for a Trusted Application to securely communicate with services outside the TEE have helped enable simple, secure communication to trusted cloud services and other remote backends.

★ **Pekka Laitinen**

Huawei Device (Dongguan) Co., Ltd
[Innovative thinking](#)

This award celebrates the work Pekka put into developing the TPS Keystore Specification. The Keystore API forms the baseline of any RoT service, and this specification is now the basis of the associated open-source project.

For all previous STAR winners [view →](#)

Industry partnerships

Developing standards that foster adoption of new technology for secure digital services and devices requires innovative thinking, grounded in knowledge and experience. GlobalPlatform standardized technologies and certifications are developed through energetic and effective cross-industry collaboration, led by diverse member companies working in partnership with more than 36 industry and regulatory bodies and other interested parties from around the world.

Become an industry partner →

GlobalPlatform's Longstanding Collaborative Partners



New partnerships



Industry Partner Testimonials

CEN and CENELEC

“CEN and CENELEC, as two of the officially recognised European Standardization Organisations (ESOs), have a strong commitment to making the digital transition in Europe a reality, working together with all relevant stakeholders to ensure that new technologies are safe, trustworthy and beneficial for all. In this context, our collaboration with GlobalPlatform is key. The work on the European standard based on their SESIP methodology is a good example of what can be achieved in working together for an inclusive and safe digital society for Europe.”

– **Cinzia Missiroli, Director, Standardization and Digital Solution**



GSMA

“Over the past decade, GlobalPlatform has assisted GSMA through the provision of the functional certification scheme required for eUICC products and, last year, GSMA started to collaborate with GlobalPlatform on the technical implementation required for GSMA’s Secured Application for Mobile (SAM). Through this collaboration, we believe that GlobalPlatform and GSMA provide the best solution for the SAM ecosystem, allowing any device to install a wide range of secure applications for financial services, ticketing, and personal identity within an eUICC.”

– **Ian Pannell, GSMA Chief Engineer**



ioXt

“ioXt looks forward to working with GlobalPlatform to help harmonize standards and reduce fragmentation across the cybersecurity industry. Together, the two will ensure connected products are protected all the way from silicon-level through to end products and services, as comprehensive security should be implemented from the ground up.”

– **Grace Burkard, Director of Operations**





The Value of Membership

Members get involved in the evolution of existing, established standards, the evaluation of new technologies and the definition of new use cases that need to be supported. They can also monitor new trends in cryptography, assess tiered baseline levels of product security that answer to multiple market requirements and network with a community of experts from different industries.

Interested in joining GlobalPlatform?

GlobalPlatform has 3 distinct levels of membership – Full, Participating, Observer – and 2 separate categories for Public Entities and Consultants – to serve the needs of every business and organization type and size. You can learn more about becoming a member [here](#).

[Click here to apply or request more information →](#)

Member testimonials

Bactech

Bactech is glad to have joined GlobalPlatform earlier this year. By becoming a member, we've gained access to a vibrant global community of industry experts and innovators who share invaluable insights and foster an environment of collaboration. Through participation in working groups, events, and conferences, we've not only stayed at the forefront of emerging technologies and trends but have also established meaningful connections that have furthered our corporate growth in digital security. Expertise and training capabilities in Secure Element technology, automotive security and SESIP certification scheme are key assets for our company.

— **Claude Barral, CEO & Founder**



Goodix

Goodix provides complete secure solutions from secure elements to secure embedded operating systems across different market segments such as mobile devices and IoT. GlobalPlatform specifications lay the foundations for best-in-class secure technologies and has standardized them for different segments, from IC to operating systems, as well as providing security certification. As a member of the organization, we will be able to provide GlobalPlatform-based secure solutions not only in China but also to the global market and we can contribute with our own innovative ideas for new standards to make GlobalPlatform even more comprehensive.

— **Yuyang Wang, Director of Product Marketing , Security BU**



NXP

NXP is developing technology to enable secure connections for a smarter world, building on the technical standards as well as the compliance and certification programs provided by GlobalPlatform. We actively collaborate with our industry partners at GlobalPlatform to develop open, scalable and secure standards to shape the ecosystems and allow new services for our customers. GlobalPlatform has become the standardization organization for secure digital services and NXP is committed to further contribute to create a more secure and smarter world of the future.

— **Andreas Lessiak, Head of Secure Element SW, Senior Director**



Quarkslab

Quarkslab has joined GlobalPlatform to elevate app and data protection within the IoT market. Currently, evaluating the effectiveness of protections like obfuscation, white box cryptography, and runtime app self-protections presents a challenge. This collaboration with GlobalPlatform provides an optimal way to standardize these cutting-edge technologies, enabling precise assessments of their robustness and efficacy.

– **Michele Sartori, Product Manager, QShield**

The logo for Quarkslab, featuring the word "Quarkslab" in a dark blue, sans-serif font.

TrustCB

GlobalPlatform provides strong support of the development of SESIP and its subsequent adoption and market visibility. The drive towards standardization via collaboration with industry bodies such as CEN/ CENELEC, and the promotion of SESIP adoption via workshops and other events, has been a great value to TrustCB.

– **Wouter Slegers, CEO**



Winbond

For Winbond, being a member of GlobalPlatform is a great way to contribute to the growth of the digital security market, to the growth of awareness about security certifications, as well as an excellent opportunity to learn from other companies about modern hardware vulnerabilities and challenges. As a member of the association, Winbond gives its customers that peace of mind that our products are designed with “state of the art” security including the most updated certification schemes and security techniques.

– **Iliia Stolov, Center Head of Secure Solutions**

The logo for Winbond, featuring the word "winbond" in a bold, italicized, red, sans-serif font.

Supporting members to achieve business goals and meet technical requirements

Shape the future of standards

- Participate in Technical Committee meetings and contribute to the development of technical specifications and standards.
- Be at the forefront of innovation and participate in the development of the future standardization roadmap.

Knowledge sharing and education

- Advance access to working documents and discussions that take place before documents are publicly released.
- Participate in Market / Regional task force discussions where requirements are developed and new topics explored.

Join a community of security experts

- Meetings and dedicated networking events, to participate in innovative discussions with partners about the future of device security and be exposed to different perspectives.
- Access to a community of experts from the different parts of the device ecosystem and industry verticals.

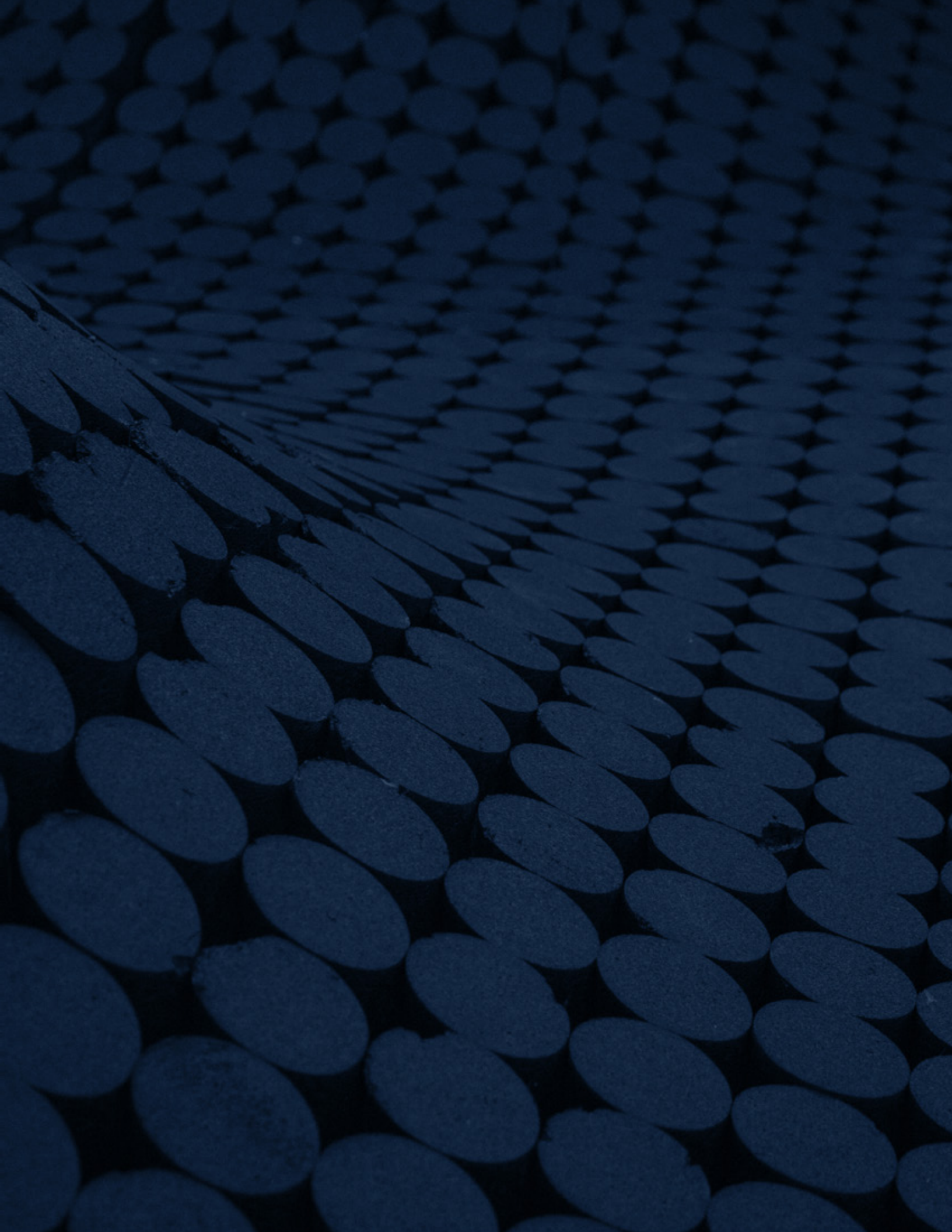
Amplify your participation and initiatives

- Gain visibility on GlobalPlatform's public website and communicate to your ecosystem your participation as a member.
- Participate in Industry Events on behalf of GlobalPlatform.
- Visibility on Social media, Webinars, Seminars and Workshops.

Enjoy cost savings for services and events

- Access to discounted GlobalPlatform functional and security certification services, and training.
- Free access to Test Suites for functional certification (valued at over \$6k per release).
- Discounted / free access to GlobalPlatform events and industry partner events.

[Click here to apply or request more information →](#)





**Global
Platform™**

The standard for
secure digital services
and devices

→globalplatform.org

