

# SESIP short introduction

*RISC-V Security HC*

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GlobalPlatform SESIP Working Group

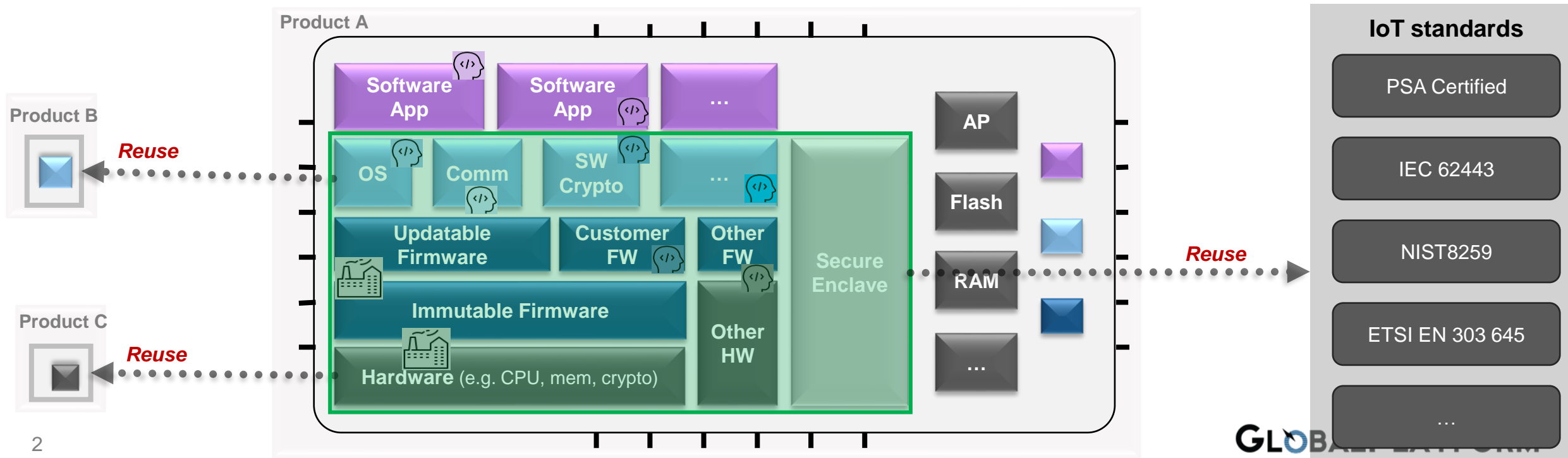
March 31, 2022

# SESIP overview

- **Security Evaluation Standard for IoT Platforms**

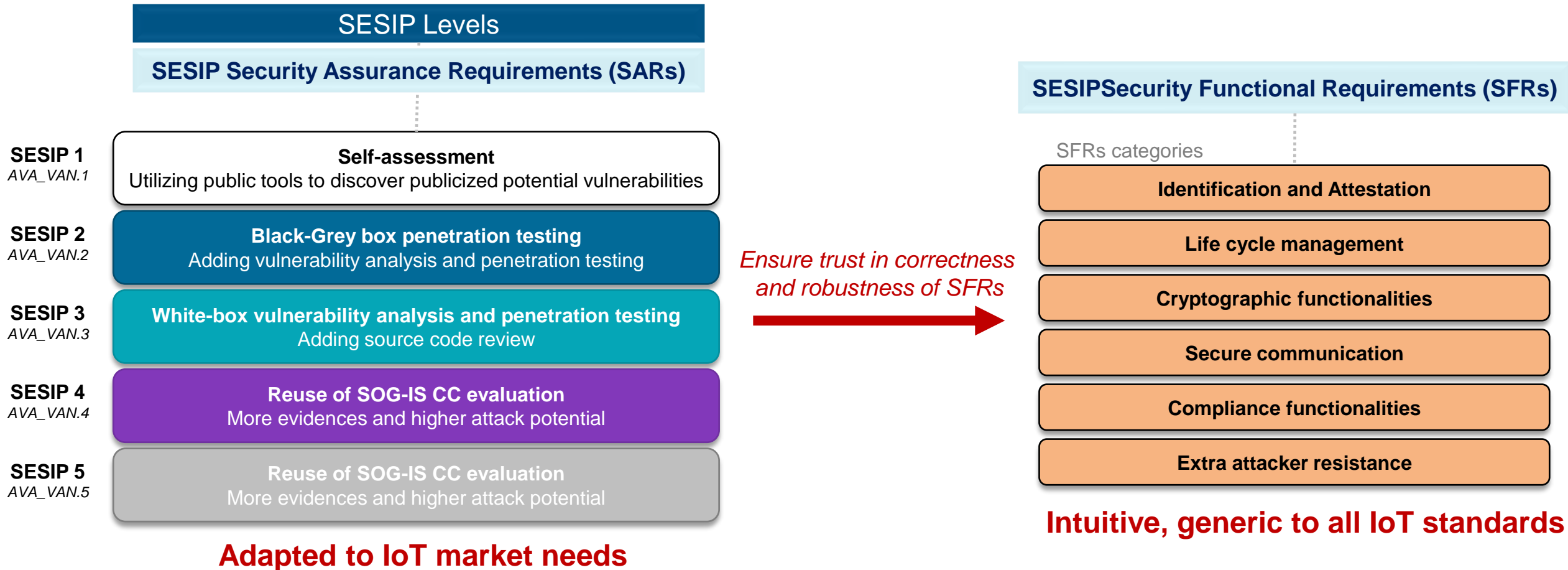
- Evaluation of platform parts & any type of compositions of subcomponents, from different developers
- Reuse of evaluation results for composition evaluations, in different devices
- Reuse of evaluation results as support for compliance demonstration IoT standards

**Step by step, building of a complete security analysis**



# SESIP base tools

- Security and Assurance requirements & SESIP levels



# SESIP extended tools

- **Security Targets**

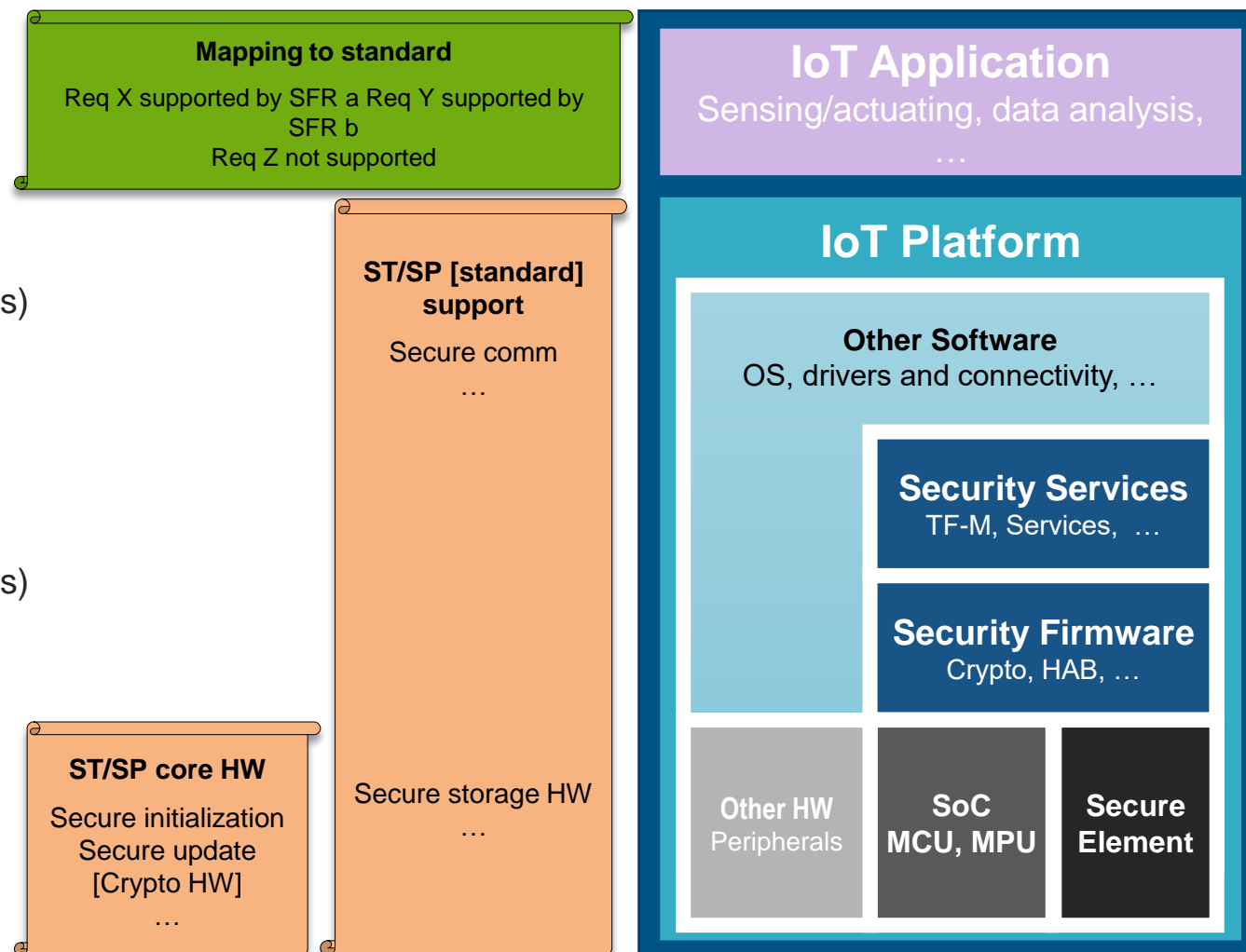
- Security claim of a specific product
  - Generic descriptions, evaluation scope, use cases, etc.
  - Security Functional Requirements (which security features)
  - Security Assurance Requirements (which evaluation activities)

- **SESIP Profiles**

- Generic requirements per type of products
  - Security Functional Requirements (which security features)
  - Security Assurance Requirements (which evaluation activities)
- Ensure comparability between certificates
- Written upon need by stakeholders

- **SESIP Mappings**

- Map SESIP SFRs & SARs to standards requirements
- Allow the reuse of SESIP evaluation results for compliance demonstration to standards



# SESIP process

