



eUICC Security Assurance (eSA) Scheme

Step-by-Step Guide



The GSMA eUICC
Security Assurance
scheme



What is this new eSIM scheme?

A new GSMA eUICC Security Assurance scheme is developed in collaboration with industry stakeholders and [TrustCB](#), aiming to provide **assurance and trust to the operators** on the embedded SIM (eSIM/eUICC) products produce by the eSIM vendors.

eUICC Security Assurance (eSA) is based on the Common Criteria approach to security assurance where the security objectives within the GSMA Protection Profiles (i.e. [SGP.05](#) (for M2M devices) and [SGP.25](#) (for Consumer devices)) still apply, but defines a more dynamic set of procedures for the security evaluation of eUICCs. Resistance against threats with high-level attack potential is paramount.

eSA Process Overview



REGISTRATION & SUBMISSION

EUM signs and completes all the needed documentation and fees payment with GSMA and send the documentation to GSMA CB and Licensed Laboratory to commence the eSA activity.



EVALUATION

Licensed Laboratory and CB goes through evaluation meetings and the Evaluation Technical Report is delivered.



CERTIFICATION

GSMA CB approves the Evaluation Technical Report and CB and GSMA issues the eSA Certificate to the EUM.

Details of the Submission, Evaluation and Certification phases can be found within [SGP.06](#) and [SGP.07](#)



Registration



At the end of the Registration Phase, the GSMA issues the **GSMA eSA Registration Confirmation**.

Fill the form within the [EUM Qualification Overview](#) page to get the eSA Terms and Conditions and eSA Participant Declaration Form (See Note 1), sign it and send it back to GSMA at eSA@gsma.com

GSMA will get back to you with eSA invoice

Complete payment (See Note 2) and send it back to GSMA at eSA@gsma.com

GSMA generates a GSMA eSA Registration Confirmation (See Note 3)

Submission



At the end of the Submission Phase, the **Evaluation and Certification Phases** can commence.

Send required documentation to the Licensed Laboratory from the list of [GSMA eSA Licensed Laboratories](#)

- GSMA eSA Registration Confirmation
- Complete application and payment with GSMA eSA Licensed Laboratory

Send required documentation to GSMA CB from the list of [GSMA eSA Certification Bodies](#):

- Signed copy of the GSMA eUICC Security Assurance Application Form ([SGP.06 Annex A](#))
- Security Target
- GSMA eSA Registration Confirmation
- Complete application and payment with GSMA CB



Note 1: eSA Participant Declaration can be found within eSA Terms and Conditions as Annex A.
Note 2: License and Admin Fees can be found within eSA Terms and Conditions. Special Conditions apply to GSMA members and early adopters.
Note 3: GSMA eSA Enrolment Confirmation is needed to commence the Evaluation and Certification process with the eSA Laboratories and GSMA Certification Body.



Evaluation



[SGP.07 eUICC Security Assurance Methodology](#) contains a detailed description of the Evaluation Phase processes, meetings and deliverables to be presented during the Evaluation Phase.



At the end of the Evaluation Phase, the GSMA eSA Licensed Laboratory delivers the **Evaluation Technical Report**.



Certification



Upon the successful completion of the Evaluation Phase by the EUM, and If Evaluation Technical Report is found correct and to the satisfaction of the CB, the CB and GSMA will issued the EUM with an **eSA Certificate**.

The Certified Products will be found, when ready under the [eSA eUICC Certified Products](#) site.



Contact GSMA eSA Support for any further question at eSA@gsma.com

