TCA eSIM Interoperability Service

Delivered by COMPRION

The Five-Step Guide to Using the TCA eSIM Interoperability Service

Delivered by **COMPRION**

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Enabling MNOs, MVNOs, profile developers and device manufacturers to promote confidence and trust across the eSIM ecosystem

About the TCA eSIM Interoperability Testing Service

With eSIM awareness and adoption continuing to build, interoperability is key to promoting consumer trust and realising the full, transformative potential of the technology.

The TCA eSIM Interoperability Service – delivered by COMPRION – enables operators to test how their eSIM profiles interact with an extensive range of consumer eSIM devices, such as smartphones, wearables, tablets and laptops, to identify and address individual interoperability and compatibility issues *prior to deployment.*

This is particularly beneficial for organisations with limited resource to perform comprehensive in-house interoperability testing due to:

➡ **Lack of access to a sufficiently broad portfolio of test devices**

➡ **Limited skills to properly interpret testing results**
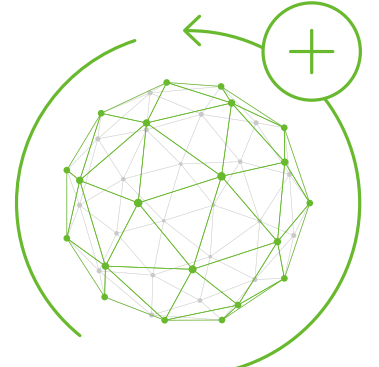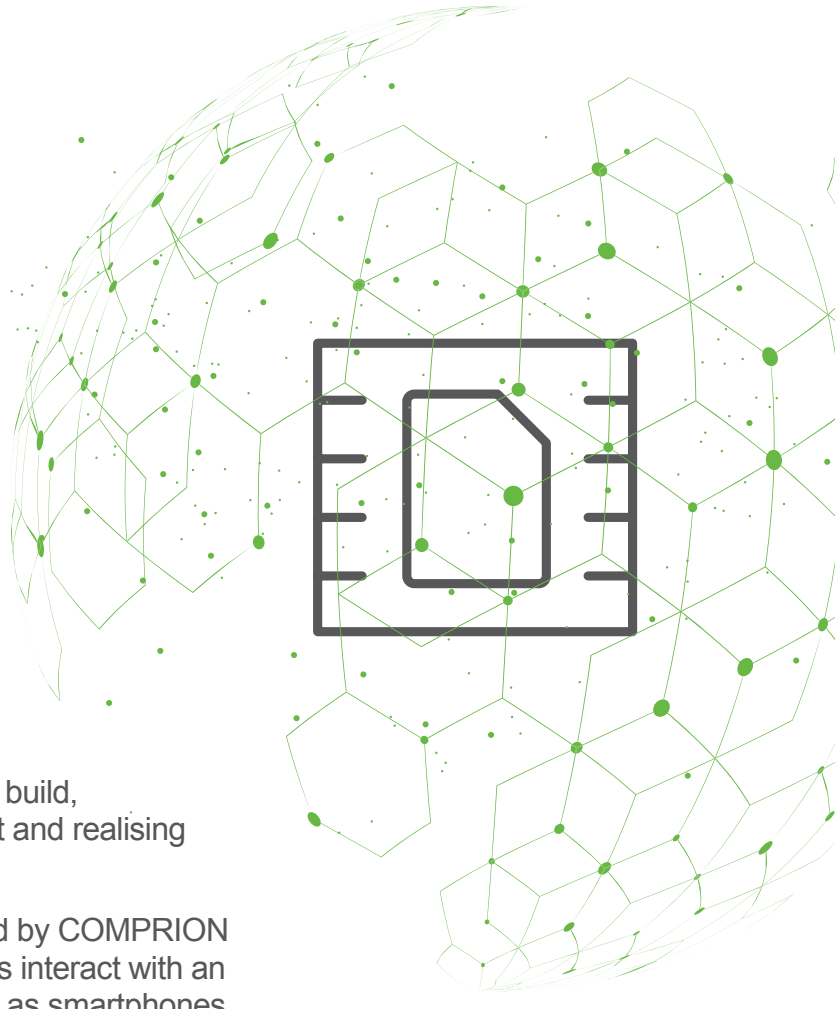
The Five-Step Process:

01 Explore the Service

- Download the detailed service description document (including pricing) for a comprehensive overview.

### 02 Align on the Testing Scope

- Contact COMPRION to agree on the testing scope and requirements, including:
  - Specific devices to test
  - Different profiles to test
  - Whether to test more advanced aspects (e.g. the behaviour of applets)
- Select your preferred mode of testing:
  - Self-service on-site testing at COMPRION's premises
  - Self-service remote testing via Microsoft Teams
  - Testing conducted by COMPRION experts
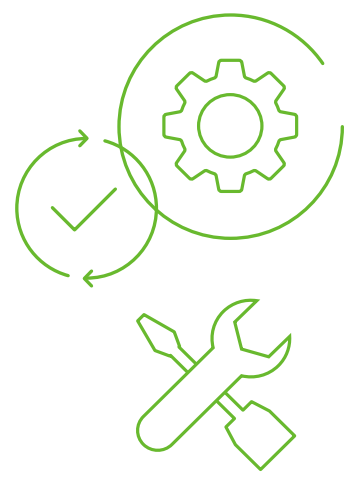
### 03 Testing Preparation – Customer Checklist

- Ensure that the eSIM profile(s) to be tested can be downloaded from a customer-provided Remote SIM Provisioning Server (SM-DP+) for the number of times required for testing.
- Create a QR code(s) for downloading the eSIM profiles to a device and share with COMPRION.
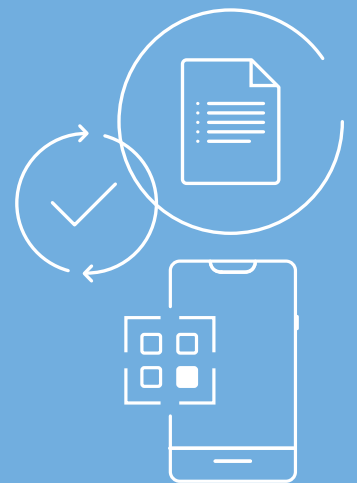
04 Time to Test

- COMPRION selects the test device, mirrors the user interface (where possible) and initiates the profile download.
- Once the profile is downloaded, a number of scenarios are tested:
  - Checking the device is connected to a mobile network
  - Making a call
  - Sending a text message
  - Accessing the internet
  - Analysing the behaviour of an applet (if requested)
- Any potential interoperability issues are documented.
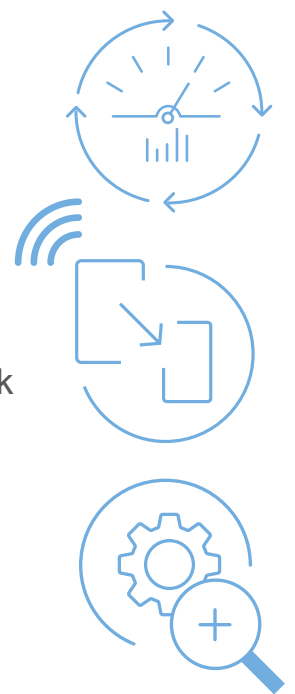
05 Post-Testing

- COMPRION shares a full test report with the customer.
- If an issue is identified that the customer is unable to resolve, COMPRION can conduct a root cause analysis.
- Aggregated and anonymised testing results are shared with TCA to support industry initiatives and best-practices that address eSIM interoperability issues.

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To enquire about the TCA eSIM Interoperability Testing Service, contact: info@trustedconnectivityalliance.org and visit the TCA and COMPRION websites.

TCA TRUSTED CONNECTIVITY ALLIANCE

www.trustedconnectivityalliance.org

▶ **Enabling a secure, connected future**