

▶ Enabling trust in a connected future ◀

# **Shaping the Future of eSIM Technology**

Understanding the benefits of Trusted Connectivity Alliance membership for providers of:

- eSIM hardware and software
- Remote SIM Provisioning (RSP) services and solutions
- eSIM for IoT solutions
- eSIM test tools and testing services





## **Introducing Trusted Connectivity Alliance**

**Trusted Connectivity** Alliance (TCA) is a global, non-profit industry association that drives the sustained growth of a connected society.

Our members include industry-leading providers of eSIM solutions, with a global market footprint of over 80%. This uniquely positions TCA to support the development of a secure and interoperable eSIM ecosystem.



#### **Executive**

























Qualcomm







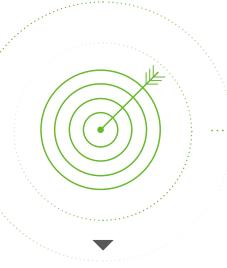
**COMPRION** 













#### **Market Monitoring**

TCA provides exclusive statistical insight into the global Tamper Resistant Element (TRE) ecosystem based on members' market and actual shipment data.

# Specifications and Interoperability

TCA develops technical specifications, guidelines and requirements, as well as supporting test specifications and tools, that promote advanced security, interoperability and performance across the global TRE ecosystem.

# Industry Engagement and Strategy

TCA works in close collaboration with other technical associations and standards bodies to support the continued standardisation of the evolution of the TRE ecosystem. TCA industry partners include 3GPP, ETSI, GlobalPlatform, GSMA, IoT Security Foundation, Java Card Forum, MIPI Alliance and Eurosmart.

#### **Education**

TCA develops a range of educational resources to inform stakeholders on the benefits of TRE form factors to drive the sustained growth of trusted connectivity across industries where security is paramount.

## Why TCA for eSIM?





#### **Directly Influence the Evolution of eSIM Technology**

TCA (formerly SIMalliance) has a proven record over decades and is committed to prioritising initiatives that enhance interoperability and trust across the eSIM ecosystem.

By becoming an eSIM Member, your organisation can support the evolution of TCA's recently launched eSIM Interoperability Service, alongside access to discounted fees and relevant test data. You can also participate in TCA's eUICC and IoT Remote SIM Provisioning (RSP) Working Groups.

- The TCA eSIM Interoperability Service delivered by COMPRION is a testing service that helps operators ensure their eSIM profiles are interoperable with a wide range of commercially available consumer eSIM devices prior to deployment.
- The eUICC Working Group developed and continues to enhance TCA's Interoperable Profile Package Specifications, which are referenced in the GSMA eSIM Specifications and used in every eSIM deployed in the field.
- In addition, the IoT Remote SIM Working Group has been a key contributor shaping the development of GSMA's eSIM IoT Specifications (SGR31 and 32).



The eUICC Working Group has had its work referenced by GSMA and the IoT RSP Working Group has contributed to GSMA's eSIM IoT Specifications.





Full Members can also engage with TCA's broader initiatives addressing eSIM technology:



Tracking the evolution of integrated eUICC and educating eSIM stakeholders on the practical deployment considerations.

(Integrated SIM Working Group)



Positioning the eSIM as a hardware Root of Trust for the protection of IoT data, both at rest and in transit to the IoT cloud backend.

(IoT Security Application Working Group)



Creating, enhancing and promoting guidelines and software development tools that reduce complexity and maintain field proven interoperability among different SIM implementations.

(Interoperability Working Group)



Optimising eSIM technology to promote the highest levels of security, privacy and functionality in 5G networks.

(5G Working Group)



Promoting the 'green' benefits of eSIM technology and supporting the mobile industry transition to more sustainable solutions and practices.

(Sustainability Working Group)





#### **Access Unparalleled eSIM Market Insights**

TCA is the only organisation to offer an exclusive, statistical view of the eSIM ecosystem at both a global and regional level. Each quarter we securely and confidentially collate member data to provide access to:

- eSIM shipment volumes for soldered and removable form factors.
- eSIM transaction figures for consumer and M2M markets.
- The deployment of eSIM Subscription Manager (SM) platforms and other data relating to the adoption of eSIM infrastructure.

And with the eSIM industry transforming at an accelerated pace, being able to anticipate how the market is set to evolve will be crucial to staying ahead of future customer requirements. Unlike many analyst firms, TCA provides forecasts based on actual, historical data to help you make informed decisions about the future of your business and realise time-to-market efficiencies, as well as other first-mover advantages.







#### Maximise Your Reach Across the eSIM Ecosystem

As we enter a new era for eSIM technology, promoting interoperable, secure and scalable eSIM deployments requires close collaboration between industry stakeholders. TCA provides a forum for members to work closely together, and engage with other technical industry associations and standards bodies, to support the continued standardisation and enhancement of the eSIM ecosystem.



















- In addition to extensive engagement, collaboration and networking opportunities with key stakeholders across the SIM ecosystem, TCA members also have the opportunity to increase their visibility and gain recognition as part of a trusted industry organisation. This includes:
- Visibility of your company logo across TCA marketing assets, including our website, industry conference presentations, webinars and educational materials.
- Exclusive discounts and free passes to attend industry conferences that TCA is supporting.
- Your participation in TCA initiatives amplified through our social media and other marketing channels.



### How to Join

In recognition of the importance of broad collaboration in supporting the development of eSIM technology, TCA has created a dedicated membership category for eSIM ecosystem participants to provide an accessible option for engagement:



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	<b>Executive</b>	<b>E</b> Full	<b>E</b> eSIM	② Ordinary
	€30,000 p.a.	€15,000 p.a.	€9,000 p.a.	Less than 50 €2k p.a. Less than 200 €7k p.a. 201-999 €14k p.a. 1000+ €28k p.a.
Eligible for Board seat		X	X	X
Access to Board meeting minutes		X	X	X
Market data access			*eSIM data only	X
Access to TCA eSIM Interoperability Service data and discounts				X
Eligible to chair Working Groups		X	X	X
Working Group participation			*eUICC WG and IoT RSP WG only	Subject to Board approval
Opportunity to represent TCA at industry events		×	X	X
	Sign Up	Sign Up	Sign Up	Sign Up





