

Trusted Connectivity Alliance and Eurosmart Partner to Deliver Enhanced Market Intelligence on Tamper Resistant Elements (TREs)

10 June, 2021 – The [Trusted Connectivity Alliance](#) and Eurosmart have signed an agreement that will in future deliver clearer and more robust market data on the Tamper Resistant Element (TRE)* sector, through the regular joint publication of intelligence across various market segments including UICCs, embedded SIMs (eSIMs), embedded Secure Element (eSE) and 5G SIMs.

The organisations' respective memberships comprise participants of the global SIM ecosystem and leaders in digital security. By aligning membership data on annual shipment figures and forecasting data across key segments, TCA and Eurosmart will deliver a streamlined, authoritative global view on trends across the digital security and connectivity industry.

Currently, TCA is the definitive source for SIM shipment data and is the only organisation to provide a quantitative global view of eSIM shipments, with [TCA members reporting](#) an 83% year-on-year increase for 2020. Eurosmart publishes [bi-annual digital security market estimates](#) on SEs and yearly market analysis. Eurosmart provides insight into key market segments: telecom, banking, identity, health, and Industrial IoT.

The organisations have also agreed to collaborate on regulatory, standardisation and certification initiatives that promote the security and interoperability of TRE technologies. TCA and Eurosmart will work together to advance certification and security assurance schemes across eSIM, 5G and cellular IoT technology. They will also explore approaches for hosting multiple applications from different sectors on a single TRE, such as connectivity profiles, electronic ID, transport, and payments and banking.

“As global connectivity and use case innovation continues to increase, advanced security capabilities are required for connected devices to be trusted,” comments Claus Dietze, Chair of the TCA Board. “Close collaboration with other industry bodies and technical associations plays a critical role in our work to educate mobile network operators, device manufacturers, service providers and regulators on the significant benefits and opportunities presented by TREs in this respect. Partnering with Eurosmart will enable an authoritative and transparent view of our rapidly evolving ecosystem, and promote its capability to deliver security, reliability and convenience across the connected world.”

Alban Feraud, President, Eurosmart, adds: “Eurosmart is committed to advocating for the increased security of digital interactions. Establishing a partnership with TCA will support enhanced market intelligence to help stakeholders understand the development of the digital security industry, while championing standards, certifications and regulatory frameworks that strengthen cyber resilience in Europe and across the globe.”

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Notes to Editors

*** Tamper Resistant Element (TRE):** *A TRE is a standalone secure element or a secure enclave, consisting of hardware and low-level software providing resistance against logical and physical attacks, capable of hosting secure applications and their confidential and cryptographic data. TREs are available in removeable, embedded and more recently, integrated form factors (e.g. SIM, eSIM and integrated SIM).*

About Trusted Connectivity Alliance

Trusted Connectivity Alliance (TCA) is a global, non-profit industry association working to enable trust in a connected future. The organisation's vision is to drive the sustained growth of a connected society through trusted connectivity which protects assets, end user privacy and networks.

TCA members are leaders within the global Tamper Resistant Element (TRE) ecosystem, and work collectively to define requirements and provide deliverables of a strategic, technical and marketing nature. This enables all stakeholders in our connected society to benefit from the most stringent secure connectivity solutions that leverage TCA members' expertise in tamper proof end-to-end-security.

TCA members are: Card Centric, COMPRION, Eastcompeace, Giesecke+Devrient, IDEMIA, Kigen, KONA I, Linxens, NXP Semiconductors, Qualcomm, STMicroelectronics, Thales, Valid, Watchdata, Workz Group and Wuhan Tianyu.

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About Eurosmart

Eurosmart, the Voice of the Digital Security Industry, is an international non-profit association located in Brussels, representing the Digital Security Industry for multisector applications. Founded in 1995, the association is committed to expanding the world's digital secure devices market, developing security standards and continuously improving the quality of security applications.

Eurosmart members are companies (BCA, Bureau Veritas, CYSEC, Fingerprint Cards, G+D Mobile Security, IDEMIA, IN GROUPE, Infineon Technologies, NXP Semiconductors, PayCert, Prove & Run, Qualcomm, Real Casa de la Moneda, Samsung, Sanoia, Sarapis, SGS, STMicroelectronics, Thales, Tiempo Secure, Toshiba, Trusted Objects, WISEkey, Winbond, Xilinx), laboratories (Brightsight, Cabinet Louis Reynaud, CCLab, CEA-Leti, JTsec, Keolabs, Red Alert Labs, Serma), consulting companies (Internet of Trust, Trust CB), research organisations (Fraunhofer AISEC, Institut Mines-Telecom – IMT, ISEN – Institut Supérieur de l'Électronique et du Numérique Toulon), and associations (SCS Innovation cluster, Smart Payment Association, SPAC, Mobismart, Danish Biometrics).