Trusted Connectivity Alliance 2019 in Review: Industry Insights

Trusted Connectivity Alliance members report:

169 million eSIM shipments for 2019

50% year-on-year increase

Trusted Connectivity Alliance estimates that the total available SIM market globally in 2019 comprised 5.05 billion units.*

*Includes removable SIM and soldered SIM for M2M form factors. Excludes eSIM.

 Increasing consumer uptake where eSIM is available suggests sustained demand as enabled devices grow.

Advances in eSIM technology: Interoperability through standardisation

Recent key eSIM technology advancements:

- Specifications developed by Trusted Connectivity Alliance are widely deployed to promote interoperable, secure and consistent remote eSIM provisioning.

- IoT SAFE enables ecosystem players to leverage the eSIM to execute security services and manage credentials across millions of devices.

Trusted Connectivity Alliance members work collaboratively to facilitate and accelerate the delivery of trusted mobile connectivity worldwide.

eSIM: Broadening the reach and applicability of SIM technology

- New eSIM-enabled handsets continue to be launched.

- Dual SIM devices are gaining traction and reflect a long-term trend for smartphones, offering users the choice of eSIM and traditional SIM.

- M2M continues to support eSIM growth, with connected cars emerging as the key use-case.

- Increasing number of IoT and M2M devices connected by eSIM technology is a strong industry growth driver, leading to demand for:

  - eSIM personalization
  - Lifecycle management
  - Security services

Strong increase in eSIM shipments provides foundation for robust future growth.

Trusted Connectivity Alliance members report 270 eSIM Subscription Manager (SM) platforms deployed globally at the end of 2019, demonstrating significant investment in eSIM infrastructure.

eSIM SM platforms enable remote provisioning and lifecycle management of eSIM products.

Advances in eSIM Technology:

Interoperability through standardisation

About Trusted Connectivity Alliance

Trusted Connectivity Alliance is a global, non-profit industry association, which is working to enable a secure connected future. www.trustedconnectivityalliance.org.

Our Membership

Executive: Full: Ordinary:

Arm
Gemalto (a Thales company)
G+D Mobile Security
IDEMIA
NXP
ST Microelectronics
Valid

Card Centre
KONICA
Unionic
Qualcomm
Watchdata
Wuhan Tianyu

Cangnin

50% year-on-year increase