Thales achieves GSMA eSA Certification for SGP.32 Specification, **revolutionizing IoT Connectivity**

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Thales is proud to announce that it has achieved GSMA eSA certification for the SGP.32 IoT Specification.

This significant milestone marks a transformative shift in the IoT ecosystem, delivering robust, secure, and scalable connectivity solutions for connected devices worldwide.

IMPORTANCE OF CERTIFICATION IN THE GROWING IOT MARKET

As the IoT market rapidly expands, with projections of 5.8 billion licensed cellular IoT connections globally by 2030, Thales' GSMA eSA-certified solutions are set to revolutionize connectivity. This certification ensures that IoT devices can safely and reliably integrate into networks, mitigating risks and enhancing trust in IoT solutions. It covers all components within the product: hardware (the chip), firmware, cryptography, and the operating system. This comprehensive coverage guarantees that all key assets managed within the eSIM are protected, addressing the need for robust security measures to safeguard data and operations within the cellular IoT ecosystem.

RIGHT AWAY COMMERCIAL DEPLOYMENTS

The GSMA eSA certification is essential for commercial deployments as it ensures endorsement by mobile network operators (MNOs) and the GSMA. This certification enables Thales to offer commercial deployments to all customers immediately, enhanced by Thales' value-added services. The result is reliable and seamless connectivity for IoT devices, transforming operations in critical applications across industries such as automotive, healthcare, utilities, and agriculture.

GLOBAL IMPACT ACROSS INDUSTRIES

The GSMA eSA certification for SGP.32 impacts regions worldwide, supporting IoT service providers and OEMs in deploying efficient, secure, and resilient IoT solutions. This standardized approach provides a reliable foundation for IoT deployments, enabling seamless switching between networks and enhanced security.

LEADING INNOVATION IN IOT STANDARDIZATION

Thales' pioneering efforts in IoT standardization simplify global IoT deployments. Leveraging consumer eSIM provisioning specifications adapted for large-scale IoT, Thales enhances the GSMA eSA for SGP.32 through advanced automation, ensuring IoT devices seamlessly connect to the best local mobile networks over time and ensuring resilience and operational efficiency. Additionally, as of July 2025, Thales holds over 53 % of all the GSMA eSA certifications in the industry.

A COMMITMENT TO EXCELLENCE

Achieving GSMA eSA certification for SGP.32 specification exemplifies Thales' commitment to leading innovation in IoT connectivity, delivering unparalleled security and operational efficiency. This new step will accelerate even more the adoption of this technology with more than 100 of our customers, comprising Mobile Network Operators, IoT Services Providers and OEMs, in many different verticals, such as smart energy, automotive.

For more information on Thales' IoT solutions, visit Thales IoT Solutions Overview.

Find more information on the GSMA eSA Certification

thalesgroup.com

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