

Thales reinforces its eSIM management leadership with Google Cloud certified and energy efficient services

- Hundreds of MNOs (Mobile Network Operators) already trust in Thales's eSIM management expertise to support massive predicted increase in adoption and deployment of eSIM (embedded SIM)-enabled devices.
- To boost its offering and better address MNOs needs, Thales has set a unique Cloud's approach, which relies on the energy efficient and GSMA certified Google Cloud, with geo-redundant Thales vaults to secure data.
- Consumers and enterprises worldwide will enjoy the benefits of secure and smooth remote activation of their eSIM-enabled devices as it starts to become the new norm.



Thales, the world leader in eSIM management, supports the growth of eSIM-enabled consumer and industrial devices with Google Cloud expertise. Thales' pioneering Cloud solution combines its own security assets with Google's cloud presence in 200 countries to provide enhanced security, flexibility, and service availability to MNOs.

Remote eSIM activation, anytime and anywhere

By 2025, the number of eSIM connections is estimated to reach close to 9 billion¹. Fuelled by 5G, the growth in connections is the result of increased connectivity of consumer products such as smartphones, tablets and wearables, and numerous industrial devices. With Thales' eSIM management platform hosted on Google Cloud completed with Thales digital onboarding solutions, MNOs can offer their subscribers the speed, convenience and efficiency of activating subscriptions remotely. Today, Thales is able to meet high demands from hundreds of customers worldwide, including Telefonica, one of the world's largest telco operators and mobile network providers.

The perfect response to MNOs digital transformation and exponential IoT growth

With easy and secure access to Thales services hosted on Google Cloud, mobile operators can respond immediately to surging demand for eSIM activation and offer their subscribers a full digital experience. Such solutions also provide greater scalability as well as resources mutualisation, enabling mobile operators efficiently and rapidly deploy new services. In terms of security, Thales keeps full control, by designing highly secure end-to-end hardware and software, as well as by storing and managing the secret codes in its secure vaults (secret codes are keys used by devices for eSIM activation to securely access mobile networks). This underpins world-class data privacy, sovereign cloud approach and rigorous defence against cyberattacks.

Certified and sustainable

The eSIM usage has become mission-critical to enable a sustainable access to connectivity for the expanding consumer and industrial IoT. Thales' integration of global GSMA-certified solution protects MNOs against interruptions in any part of the world. MNOs therefore benefit from outstanding disaster recovery, business continuity and improved quality of services.

Google Cloud's is today one of the most energy efficient clouds² in the industry and aims to operate entirely on carbon free energy 24/7 and everywhere in the world by 2030.

"We have been trustfully partnering with Thales for years to address new connectivity challenges and MNO needs with cloud technology. This future-proof solution provides the market with the required flexibility, security, and resilience to meet consumer's 'anytime anywhere' wish, while also addressing new technological requirements. Adding to Google Cloud services, the security aspect brought by Thales and its remote eSIM management leadership, brings relevance and support to MNOs eSIM strategy." said **Amol Phadke, General manager, Global Telecom Industry at Google Cloud**

"There is an increasing consumers' adoption of eSIM enabled phones, wearables and tablets while MNOs are ramping up for the 5G and IoT revolutions. Two years after the announcement of our partnership with Google Cloud, Thales' pioneering Cloud eSIM solution has reached its full maturity. Our customers can trust us to support them in their eSIM strategy, meeting data privacy regulations as well as protecting them against the most sophisticated cyber threats" said **Eva Rudin, Vice President Mobile Connectivity Solutions at Thales.**

¹ Counterpoint, eSIM Ecosystem CORE Analysis, May 2022

² On average, a Google data center is twice as energy efficient as a typical enterprise data center.

About Thales

Thales (Euronext Paris: HO) is a global leader in advanced technologies, investing in digital and "deep tech" innovations — connectivity, big data, artificial intelligence, cybersecurity and quantum computing — to build a future we can all trust, which is vital to the development of our societies.

The company provides solutions, services and products that help its customers —businesses, organisations and states — in the defence, aeronautics, space, transportation and digital identity and security markets to fulfil their critical missions, by placing humans at the heart of the decision-making process.

Thales has 81,000 employees in 68 countries. In 2021, the Group generated sales of €16.2 billion

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