Thales’ secure technology at the heart of Motorola’s new ‘eSIM-only’ smartphone

- New iconic motorola razr handset with folding screen will rely on Thales embedded SIM for secure mobile connectivity.
- Thales’ GSMA-compliant eSIM solution ensures interoperability for razr across all mobile networks deploying an eSIM infrastructure.
- By 2025, shipments of smartphones incorporating an eSIM are expected to reach 589 million units.

Thales is supplying Thales embedded SIM (eSIM) for the brand new motorola razr, the world’s first foldable smartphone to rely exclusively on this highly compact solution for secure mobile connectivity. Optimizing space, the eSIM is enabling a new generation of connected consumer devices such as smartphones, wearables (like smartwatches), or PCs.

Embedded and soldered into the device during manufacturing, the eSIM does more than save valuable space for designers as they strive to create compelling new ultra-flat products. The embedded SIM enables users to remotely provision and update their mobile network subscriptions that are securely stored in the eSIM. Subscribers no longer need to physically insert SIM cards as they benefit from a fully digitized journey.

Thales embedded SIM for Motorola is compliant with the GSMA’s specifications for remote SIM provisioning. This universal approach will allow manufacturers to offer new product classes for global deployment based on this common embedded SIM architecture. To support this ecosystem, more than 200 mobile operators in almost 90 countries across all continents have launched or plan to launch eSIM consumer services.

1 Counterpoint Research – July 2019
2 Thales – November 2019
“More than 2.8 billion eSIM-compliant smartphones are expected to be cumulatively shipped between 2018 and 2025. The trend towards eSIM-only smartphones is going to catalyse this market further as we see greater adoption across the price-tiers unlocking multiple benefits for smartphone OEMs, operators and end-smartphone users.”

Neil Shah, VP Research, Counterpoint Research

“Motorola’s decision to go eSIM-only for their premium product reflects the company’s confidence in this extremely space-efficient approach to secure mobile connectivity. It also demonstrates deep trust in Thales, a world leader in eSIM technology and related subscription management services, and also an active participant in the development of the latest GSMA remote provisioning specifications.”

Emmanuel Unguran, EVP Mobile Connectivity Solutions at Thales

Related resource: What is an eSIM: 6 illustrated answers infographic

Note to editors

Gemalto’s solutions are at the heart of modern life, from payment to enterprise security and the internet of things. Gemalto’s technologies and services authenticate people, transactions and objects, encrypt data and create value for software — enabling businesses and governments to deliver secure digital services for billions of individuals and things.

About Thales

Thales (Euronext Paris: HO) is a global technology leader shaping the world of tomorrow today. The Group provides solutions, services and products to customers in the aeronautics, space, transport, digital identity and security, and defence markets. With 83,000 employees in 68 countries, Thales generated sales of €19 billion in 2019 (on a pro forma basis including Gemalto over 12 months).

Thales is investing in particular in digital innovations — connectivity, Big Data, artificial intelligence and cybersecurity — technologies that support businesses, organisations and governments in their decisive moments.