



G+D and AWS strengthen their collaboration to the next level by reimagining cloud-based eSIM offerings

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Giesecke+Devrient

Munich, March 4th, 2025 – Giesecke+Devrient (G+D), the leading global provider of eSIM technology, announced that they are working with Amazon Web Services (AWS) to create advanced eSIM technology in the cloud. The collaboration aims to transform the traditional eSIM implementations to more scalable, elastic, cloud native deployments. This introduces new business models designed to accelerate the widespread adoption of eSIM technology across various industries and streamline its application.

The global eSIM market is expected to grow from \$4.7 billion in 2023 to \$16.3 billion by 2027 according to Juniper research, driven by increasing adoption in smartphones, IoT devices, and automotive applications. Major smartphone manufacturers have already shifted to eSIM-only devices in several markets, indicating the technology's transition from emerging to mainstream.

Having rolled out the first eSIM in 2012 and to date enabling over 500 million eSIM downloads in accordance with SGP specifications, supporting industry standardization, G+D continues to be at forefront of this technology both in terms of innovation and implementation. G+D will use AWS's global cloud infrastructure to enhance eSIM deployment capabilities, making it more efficient and accessible for mobile network operators, device manufacturers, and enterprise customers. G+D has also played a critical role in the creation and evolution of the GSMA eSIM specifications such as SGP.22 (consumer eSIMs), SGP.32 (IoT eSIMs) and the upcoming SGP.41/42 (eSIMs for in factory profile provisioning).

G+D's market-leading eSIM platform harnesses AWS cloud capabilities to deliver comprehensive eSIM solutions that meet today's demanding enterprise requirements. The company's SGP.32 solution with eIM, which includes G+D's IoT Suite, is built on AWS, which provides proven scalability and elasticity. AWS's global infrastructure further

ensures G+D's AirOn360 Entitlement Service maintains consistent performance for customers worldwide. AWS's security capabilities provide robust protection for sensitive eSIM data and operations. G+D's eSIM platform uses AWS sovereignty controls and features to support sovereign deployment models, ensuring secure eSIM delivery that meets stringent regulatory requirements.

"G+D transforms mobile connectivity management through highly innovative eSIM solutions built on AWS. By leveraging the global reach and scalable architecture of AWS, G+D's SGP.32 platform, IoT Suite and Entitlement Services can now deliver eSIM profile management capabilities to mobile operators and enterprises worldwide. As eSIM adoption accelerates across consumer and IoT devices, secure, reliable cloud services are fundamental to scaling eSIM technology and enabling new connectivity solutions. AWS and G+D are helping customers to transform their mobile connectivity operations while maintaining the highest standards of security and performance," explained Yasser Alsaied, Vice President of IoT at AWS.

"With eSIM bringing IoT and consumer connectivity into a new era, we are ready to pioneer the connected future. Our work with AWS underlines our intention to continuously push boundaries and reimagine the way carriers, device vendors, and enterprise customers think about eSIM implementation. The combination of cloud computing and eSIM technology represents a powerful duo that drives the future of connectivity. This integration not only simplifies the management of mobile connections, but also unlocks new possibilities for global and flexible communication solutions, fostering significant business value for enterprises across industries. Together with AWS, we look forward to shaping a seamless, smart and more sustainable future," said Philipp Schulte, CEO G+D Mobile Security.

MWC Barcelona 2025: If you want to immerse yourself in the world of eSIM, then be sure to check out the GSMA's eSIM Summit where G+D CEO Philipp Schulte and Ajay Rane, Head of Global Business Development for Telco at AWS, will be diving deep with the keynote on the topic of "Reimagining eSIM + maximizing its value for the connected IoT world."

More information on the eSIM Summit and the keynote topics can be found here:

<https://www.mwcbarcelona.com/agenda/sessions/5137-esim-summit-esim-the-connection-of-the-future> ■

About Giesecke+Devrient

Giesecke+Devrient (G+D) is a global SecurityTech company headquartered in Munich, Germany. G+D makes the lives of billions of people more secure. The company shapes trust in the digital age, with built-in security technology in three segments: Digital Security, Financial Platforms and Currency Technology.

G+D was founded in 1852 and today has a workforce of more than 14,000 employees. In the fiscal year 2023, the company generated a turnover of 3 billion euros. G+D is represented by 123 subsidiaries and joint ventures in 40 countries.

Further information: www.gi-de.com