G+D Mobile Security Provides Dedicated SIM Solutions for Secure Connection and Management of IoT Devices

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Munich (Germany), June 29, 2017 – G+D Mobile Security launches "IoT Attach" and "IoT Advance", two essential solutions to connect billions of Internet of Things (IoT) devices.

The "IoT Attach" and "IoT Advance" Subscriber Identity Module (SIM) products have been developed in cooperation with reference Mobile Network Operators (MNOs) and IoT application providers. These dedicated SIM products not only offer the benefit of network protection to MNOs, but also protect IoT data and help tackle the big concern of lifecycle management of IoT devices.

The new SIM products by G+D Mobile Security are simple, pluggable and scalable solutions for easy deployment. While further form factors are under development, the current solutions offer the MNO the required services and performance with ultimate flexibility. Both SIM solutions come equipped with an end-to-end security solution which secures data from the IoT end point, through the Low Power Wide Area Network (LPWAN) Cellular IoT network and onto the application server. In addition, the "IoT Advance" solution provides further flexibility in the areas of power optimization, root-of-trust for firmware updates over the air (FOTA) and Quality of Service (QoS) solutions.

"There is a clear need for dedicated IoT SIM solutions", stated Carsten Ahrens, CEO of G+D Mobile Security. "Based on our close relationships with leading Mobile Network Operator (MNO) partners and our long history in supporting the Telecommunication Industry, we are able to offer our optimized "IoT Attach" and "IoT Advance" SIM products to connect and manage a broad spectrum of IoT devices."

The new products support LPWAN Cellular IoT i.e NB-IoT and Cat-M specific technical requirements (e.g. optimized power consumption) and are fully based on industry standards. Futhermore, they support the new business models and launch scenarios which are associated with large scale IoT device deployments. The "IoT Attach" and "IoT Advance" products are the first in a series of IoT-specific products from G+D Mobile Security.

About Giesecke+Devrient

Giesecke+Devrient (G+D) is a global security technology group headquartered in Munich, Germany. Founded in 1852, the Group has a workforce of 11,300 employees and generated sales of approximately EUR 2,1 billion in the 2016 fiscal year. 72 subsidiaries and joint ventures in 32 countries ensure customer proximity worldwide.

G+D develops, produces, and distributes products and solutions in the payment, secure communication, and identity management sectors. G+D is a technology leader in these markets and holds a strong competitive position. The Group's customer base mainly comprises central and commercial banks, mobile network operators, business enterprises, governments, and public authorities. For more information, please visit: www.gi-de.com.