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PRESS RELEASE

Giesecke & Devrient Expects 75% of all Cars to Be Shipped with Integrated Connectivity by 2020

Munich, February 15th, 2016 – Giesecke & Devrient (G&D), the market leader in automotive security, expects that approximately 75% of all cars shipped in 2020 will be delivered with integrated connectivity. According to Scotiabank, in 2014 approximately 70 million passenger cars were registered worldwide, of which only 10% included connectivity. For 2020, 92 million registered passenger vehicles are forecast, of which approximately 69 million will be equipped with integrated connectivity. Altogether, 1.1 billion vehicles are expected to be on the road in 2020, about a fifth of which, 220 million, are forecast to include connectivity.

“As societies are becoming increasingly urbanized and hyperconnected, mobile connectivity is emerging as a core topic for the automotive industry. Vehicles of the future will be fully networked, independent, mobile ecosystems with specific services,” explained Stefan Auerbach, Group Executive Mobile Security. “Even today, eCall, autonomous driving, car-to-x communication, and mobility and telematics services are on every car manufacturer's road map. Consumers increasingly demand connectivity services such as Wi-Fi for passengers and external internet connections for music streaming, navigation, and other applications. We are seeing a range of new services in this sector, including pay-as-you-drive insurance, location- or context-related services, pay-per-use for additional functions, and customized driver features. All those services use universal communication channels that require scalable security solutions to cover the entirety of the system's end points. Secure connectivity is the key to these ecosystems.”

G&D’s automotive security solutions are based on an integrated M2M SIM module (eSIM/eUICC) and the management of the eSIMs over the life cycle of the vehicle. Acting as a secure gateway, the eUICC ensures protection beyond basic connectivity functions for every security-related vehicle component. In addition, ID management safeguards the digital identities of vehicle users. The secure elements and applications are available in various M2M SIM form factors and services. G&D’s AirOn server provides eSIM

Giesecke & Devrient GmbH · Corporate Communications · www.gi-de.com/presse
Press Contact: Andrea Nitsche · E-Mail: Andrea.Nitsche@gi-de.com
Prinzregentenstraße 159 · 81677 München · Phone +49 (0)89 4119 3494 · Fax +49 (0)89 4119 1208

management and a platform for the end-to-end management of the entire SIM and device life cycle.

“In addition, G&D offers a broad range of trusted service and identity management solutions to manage the secure distribution of new services and identities in the automotive domain. Eight out of ten automotive manufacturers rely on G&D,” confirmed Mr. Auerbach. “Security is in our DNA, a fact that we have turned into in-depth expertise in automotive security. Our partnerships with IBM and the Russian ERA-GLONASS system demonstrate the comprehensive know-how that we have to offer. Our solutions take both car manufacturer and consumer demands into consideration. We enable automotive manufacturers to connect and manage their vehicles securely and efficiently within and beyond national borders: an attractive offering for their international deliveries.”

About Giesecke & Devrient

Giesecke & Devrient (G&D) is a leading international technology provider headquartered in Munich, Germany. Founded in 1852, the Group has a workforce of over 11,450 employees and generated sales of approximately EUR 1.83 billion in the 2014 fiscal year. 58 subsidiaries and joint ventures in 31 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.

Giesecke & Devrient GmbH · Corporate Communications · www.gi-de.com/presse
Press Contact: Andrea Nitsche · E-Mail: Andrea.Nitsche@gi-de.com
Prinzregentenstraße 159 · 81677 München · Phone +49 (0)89 4119 3494 · Fax +49 (0)89 4119 1208