



Giesecke & Devrient First Provider to Be Certified for MIFARE DESFIRE EV1

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Giesecke+Devrient

Munich, February 19, 2016 – Giesecke & Devrient (G&D) has been certified by NXP Semiconductors for MIFARE DESFire EV1. This certification completes the product certification for MIFARE Classic and MIFARE4Mobile Version 2 which G&D received in 2015. G&D's SIM platform SkySIM CX® Hercules now offers the entire MIFARE suite, thus enabling secure remote provisioning and management of MIFARE-based services for mobile network operators, trusted services managers and service providers.

The G&D MIFARE portfolio is available in both SIM and eSE form factor for NFC enabled smart phones and other NFC enabled devices like wearables or tablets. "By adding the MIFARE DESFire EV1 to the suite, we are able to commercially offer a complete MIFARE4Mobile solution. With this range of MIFARE products, G&D is providing the latest in NFC technology", stated Bernd Müller, Group Vice President and Head of Product Management in the Division Telecommunication Industries at G&D "MIFARE DESFire is on the high end of the MIFARE range and offers advanced contactless features such as access control or transit functions with even higher security."

With the certification for MIFARE DESFire EV1 it is now possible to integrate all MIFARE services into one solution. Müller: "In order to maximize user convenience it has always been our goal to integrate as many features in one SIM or eSE product as possible. Naturally, this requires bringing all technologies and platforms necessary to perform the applications in one solution." The integration of MIFARE into mobile NFC is done by the interoperable MIFARE4Mobile technology. By utilizing its Over-the-Air (OTA) capability, user can request updates or cancel and also manage the lifecycle of their MIFARE services. "With its MIFARE DESFire EV1 and MIFARE4Mobile certifications, G&D guarantees both the security and the interoperability of its MIFARE solution with other providers. Both are indispensable for a successful user experience," explained Müller.

MIFARE runs on the SkySIM CX Hercules from G&D, which is based on a powerful operating system and offers enough storage capacity for several applications to run simultaneously at high speed. Since it supports the contactless technologies such as MIFARE (Classic, DESFire EV1) and Calypso, users benefit from a highly secure SIM or eSE when using their devices as an electronic ticket, for example in public transport or at events of any kind, or for identifying themselves when passing through physical access control systems.

"The number of cities adopting mobile ticketing is steadily growing. G&D's SIM platform SkySIM CX® Hercules, which can be available across various form factors, enables cities around the world that are currently using MIFARE DESFire EV1 to easily include a mobile solution without any changes to the infrastructure," said Ulrich Huewels, general manager of the smart

identification solutions business line at NXP Semiconductors. "Additionally, customers can now use their NFC enabled mobile phones to quickly 'top up' their MIFARE based transport tickets without queueing, saving them precious time in an ever faster moving world."

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