



NOTA DE PRENSA

PRESS RELEASE

Madrid, 2nd December, 2011

TELEFÓNICA SELECTS GIESECKE & DEVRIENT TO DELIVER SEAMLESS NFC SOLUTIONS ACROSS EUROPE

- **Telefónica to introduce mobile services with NFC technology in Europe over the next few months**
- **Giesecke & Devrient will provide the Trusted Service Manager (TSM) technology**

Madrid, Munich, 2nd December, 2011 – Telefónica's new Digital unit and Giesecke & Devrient have reached an agreement to establish a single European-wide platform for Near Field Communication (NFC) services. By the terms of this agreement, Giesecke & Devrient will provide the Trusted Service Manager (TSM) technology required for this solution, such as over-the-air (OTA) transfer and personalization of NFC applications. Giesecke & Devrient will also deliver the lifecycle management of Telefónica's NFC application platform and will be one of the suppliers of NFC-enabled SIM cards.

Telefónica will introduce new NFC-based services, made available to end users through a wallet application, starting with deployment in Europe over the next few months. This new NFC management platform on Telefónica's network will also be made available to third-party service providers, including financial institutions, transit operators, and loyalty partners.

Giesecke & Devrient's TSM solution comprises a whole range of functions to manage NFC services over the air via the wireless network. These include administration, personalization, and software updates for NFC-enabled SIM cards.

Joaquín Mata, Global Head of Financial Services at Telefónica Digital, said: "The final goal for Telefónica is to build an open NFC ecosystem ensuring interoperability and offering service providers a friendly environment to deliver NFC services reaching a large number of mobile subscribers. Giesecke & Devrient is one of Telefónica's strategic partners in building this new ecosystem and has the required technological know-how to turn NFC services in a commercial reality."

Michael Kuemmerle, member of the Management Board and Group Executive of Mobile Security at G&D, said: "Our innovative TSM solutions give network operators and service providers a way to introduce innovative NFC services quickly, easily, and securely. The wireless network offers a great deal of flexibility in the administration of these services. We are very pleased that Telefónica has chosen to work with us as their trusted partner; their decision underlines our global technology and service leadership in this promising market."

NFC-enabled devices can communicate wirelessly over a range of a few centimeters. This makes the technology suitable for a host of new services, such as payment with cell phones, access to public transportation or redemption of coupons in loyalty programmes.



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Telefónica has been working hard on NFC technology the last years to acquire all the necessary expertise and know-how and be one of the industry leaders on this field. After running a number of successful commercial trials in different locations like Sitges (for payments), Pilsen (for transportation), Distrito NFC (with employees covering several use cases) and other locations, now is the right time to plan a wide deployment of NFC services.

Financial services is a key focus area for Telefónica's new Digital division which has been formed to lead its growth in the new digital world. Through a combination of research and development, partnership, investment and acquisition, Telefónica Digital will bring innovative products and services to market that allow it to drive continued growth in the core telecommunications market, as well as in new digital service areas.

About Giesecke & Devrient

Giesecke & Devrient (G&D) is a leading international technology provider headquartered in Munich, Germany. Founded in 1852, the Group now has a workforce of over 10,000 employees and generated sales of EUR 1.7 billion in fiscal 2010. 61 subsidiaries and joint ventures in 32 countries ensure customer proximity worldwide. In all its markets, G&D is a global leader and pioneering innovator in the production and processing of banknotes and banknote paper, security documents, identification systems and smartcard-based solutions. As an end-to-end provider of mobile security applications, G&D develops and sells hardware, software, and services for banks, mobile network operators, public transportation companies, business enterprises, and OEM. For more information, please visit: www.gi-de.com

About Telefónica

Telefónica is one of the largest telecommunications companies in the world in terms of market capitalisation. Its activities are centered mainly on the fixed and mobile telephony businesses with broadband as the key tool for the development of both.

The company has a significant presence in 25 countries and a customer base that amounts to 295 million accesses around the world. Telefonica has a strong presence in Spain, Europe and Latin America, where the company focuses an important part of its growth strategy.

Telefónica is a 100% listed company, with more than 1.5 million direct shareholders. Its share capital currently comprises 4.563.996.485 ordinary shares traded on the Spanish Stock Market (Madrid, Barcelona, Bilbao and Valencia) and on those in London, Tokyo, New York, Lima, and Buenos Aires.

About Telefónica Digital

Telefónica Digital is a global business division of Telefónica. Its mission is to seize the opportunities within the digital world and deliver new growth for Telefónica through research & development, venture capital, global partnerships and digital services such as cloud computing, mobile advertising, M2M and eHealth. Telefónica Digital will deliver these innovative products and services to Telefónica's 295 million customers as well as leveraging the power of the internet to enter new markets. Telefónica Digital has 100% ownership of Jajah, Terra, Tuenti and giffgaff. It is headquartered in London with regional centres in Silicon Valley, Sao Paulo, Spain and Tel Aviv.



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