

## **News Release**

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## **Texas Instruments Collaborates with Orange and Trusted Logic to Demonstrate Wireless Security Needs, Simplify Wireless Payment Experience**

### **TI Tackles Need for Secure Wireless Environment with Industry-Leading Security Solution**

DALLAS (February 11, 2005) – Texas Instruments (TI) [NYSE:TXN] today announced it will be demonstrating with Orange and Trusted Logic a wireless security handset mechanism designed to eliminate unauthorized handset use and fraud. The demonstration also features a 128-bit secure contactless payment application and a customer loyalty application, powered by TI-RFid™ technology. As wireless evolves to 3G technology, the need for reliable security around applications handling sensitive high-value data becomes critical; in parallel, consumer demand for convenient transactions also becomes significant. With TI's security technology at the core of TI's OMAP™ processors, the solution provides one of the highest levels of handset security in the marketplace today.

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The first in the industry to provide a hardware-based system-level security solution three years ago, TI continues to address growing security concerns and needs by collaborating with industry leaders such as worldwide mobile operator Orange and Trusted Logic, a leading provider of secure software components for embedded systems. Together with Orange and Trusted Logic, TI will be demonstrating secure mobile payment and secure digital rights management (DRM) at 3GSM World Congress 2005 in Cannes, France, February 14-17.

“Typically, mobile phones and user identities are secured by software cryptography. However, with mobile phone hacking and fraud on the rise, and as subscribers increasingly use their mobile phones to conduct wireless transactions and to download high-value multimedia, software security alone is insufficient to protect users and mobile data,” said Edgar Auslander, TI general manager of worldwide strategy and corporate development, Wireless Terminals Business Unit. “TI provides a hardware-based security system designed to meet stringent security requirements set by mobile operators and financial services and content providers.”

“As new applications, business models and revenue opportunities arise in the mobile device market, so do the risks posed by hackers and malicious attacks to handsets to operator and third-party assets,” said Laurent Coureau, strategic advisor, Orange. “TI’s complete system-level security technology, combined with our standard based security middleware OVM, brings end-to-end security in an open and secure environment, leveraging trusted hardware and software components and building the foundation for new, value-added services based on enhanced customer trust.”

In the TI booth, Hall 2, Booth E19, TI will showcase consumer value-added secure services, enabled by TI's security technology in OMAP processors, Orange Operator Virtual Machine (OVM) and Trusted Logic Security Module, including contactless financial transactions and a contactless customer relationship management (CRM) application. The demo will use Orange OMA DRM v2.0 compliant secure multimedia contents downloads, rights management, decryption and play, as well as TI-RFid technology secured by 128-bit 3DES cryptography, as the air interface.

“Users are growing more comfortable with carrying out transactions wirelessly, hence the need for a secure environment becomes even more critical,” said Dominique Bolignano, Trusted Logic president and chief executive officer. “By leveraging each others’ features, Trusted Logic’s Security Module, which fully complies with the OVM specifications, and TI’s security technology work synergistically to exponentially strengthen overall system security. This enables operators in providing consumers with a secure, trusted environment for financial services and protected mobile data.”

Together, Texas Instruments, Orange and Trusted Logic are working to reduce handset fraud while addressing new security services for the wireless environment, including DRM and verification; music, video, games and other application downloads; remote terminal management; m-commerce transactions; and over-the-air (OTA) provisioning of new services and “bug” fixes using the mobile phone. TI is committed to an open, non-proprietary approach to the wireless marketplace and actively works with technology, applications and security standards bodies to drive open standards and wireless innovation.

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**Texas Instruments – Making Wireless**

TI is the leading manufacturer of wireless semiconductors, delivering the heart of today's wireless technology and building solutions for tomorrow. TI provides a breadth of silicon and software and 15 years of wireless systems expertise that spans handsets and base stations for all communications standards, wireless LAN, Bluetooth and Ultra Wideband. TI offers custom to turn-key solutions, including complete chipsets and reference designs, OMAP™ application processors, as well as core digital signal processor and analog technologies built on advanced semiconductor processes. Please visit [www.ti.com/wirelesspressroom](http://www.ti.com/wirelesspressroom) for additional information.

**About Texas Instruments**

Texas Instruments Incorporated provides innovative DSP and analog technologies to meet our customers' real world signal processing requirements. In addition to Semiconductor, the company's businesses include Sensors & Controls, and Educational & Productivity Solutions. TI is headquartered in Dallas, Texas, and has manufacturing, design or sales operations in more than 25 countries.

Texas Instruments is traded on the New York Stock Exchange under the symbol TXN. More information is located on the World Wide Web at [www.ti.com](http://www.ti.com)

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