



**TRUSTED LABS AND SFR DEFINE SCALABLE COMPOSITION SCHEME**

*Common Criteria certification to be maintained when loading new applications on Java Card™ (U)SIM platforms*

**PARIS, NOVEMBER 13<sup>TH</sup>, 2007-** TRUSTED LABS, a leader in security services ranging from risk analysis to evaluation, and SFR, a leading French mobile phone operator, today announce that they are working together to define a scalable composition scheme for Java Card™ (U)SIM card platforms and applications. Designed with the help of DCSSI, the new scheme will be an implementation on Java Card™ of the Common Criteria Composition Scheme, but will also be compatible with the Wireless Operator Validation Scheme.

Designed for the multi-application community including application developers, the scheme will define technical and organizational rules for the development of both standard applications and security sensitive applications such as payment, mobile TV or identity. It will also define third-party ISO 17025 validation to ensure that, once the applications are loaded, the Common Criteria composite product certificate is still valid. For standard applications, the validation process aims to maintain the overall security level through state-of-the art Java Card security techniques, security rule checking, byte-code verification and possibly the use of static analysis tools.

With the new scheme, Common Criteria certificates previously obtained – both on the platform and on the application – will therefore be maintained. This will result in “decentralization” since each actor in the value-chain can obtain certification independently for his own piece. The scheme will in fact do for applications on Java Card™ platforms what has already been done for operating systems on chips

“The scalable composition scheme being defined with SFR will pave the way for new use models for (U)SIM cards, responding to two market requirements: multi-application and higher security,” said Claire Loiseaux, CEO of Trusted Labs.

”The scheme that we developed with Trusted Labs will significantly reduce delays required to certify sensitive services and will also allow hosting of third party applications within (U)SIM cards in confidence. This means that it will, under certain conditions, make it possible for third party providers to use and manage a dedicated and secure area (the security target is an EAL4+ level) on all (U)SIM cards adopting this scheme,” said Jean-Philippe Wary, CISO of SFR.



### **About Trusted Labs**

Trusted Labs specializes in security consulting and evaluation of embedded systems such as smart cards, terminals and mobile phones. Its consulting activity covers security architecture, formal methods and Common Criteria. Its evaluation activity includes security evaluations of smart cards and terminals, testing services and tools, and automated validation of applet security and interoperability. Trusted Labs consults and evaluates the products and services of large telecom operators, financial institutions and card and terminal manufacturers.

Trusted Labs has already obtained international recognition of its expertise thanks to its participation in various evaluation schemes (Common Criteria, MasterCard CAST) and its contribution to several Protection Profiles for DCSSI, the French Certification Authority, and for Sun Microsystems (Java Card™ Protection Profile).

For more information about Trusted Labs, visit: <http://www.trusted-labs.com>

### **About SFR**

With almost 18 million customers, SFR is the second largest mobile telecommunications operator in France. Operating its own GSM/GPRS and UMTS/HSDPA networks, SFR is able to provide a complete range of mobile telephony and multimedia services, as well as mobile data solutions to its personal, SOHO and business customers. SFR has become the operator of choice for new uses of mobile phones, having been the first operator to launch 3G and 3G+ services in the French market, and now boasts 3.5 million 3G/3G+ customers (June 2007). The company is also a player in the fixed telecommunications market through its 40.5% interest in Neuf Cegetel, the leading alternative operator on the French market. SFR benefits from a stable ownership structure, with two major shareholders: Vivendi (56%) and Vodafone (44%).

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