

## PRESS RELEASE

### O2 cooperating with Venyon for Trusted Service Manager services in the multi-application NFC trial in London

Helsinki, December 5<sup>th</sup>, 2007 – O2 the leading provider of mobile services to consumers and businesses in the UK announced on the 28<sup>th</sup> November a large scale mobile NFC trial, the O2 Wallet® focusing on consumer attractiveness and behaviour. The trial, which will involve over 500 trialists taken from the O2 customer base, takes place across selected sites in London and will last for six months until the end of May 2008. Nokia 6131 NFC mobile handsets used in the trial incorporate a number of NFC-enabled applications including Oyster technology, delivered by TranSys for Transport for London, allowing trialists to use their mobile handset to travel across London. 225 handsets also contain a pre agreed credit from Barclaycard Visa enabling Visa payWave contactless payments in London by just touching the handset in front of the reader.

Venyon provides the over the air (OTA) services for the trial, including the OTA download and personalization of the Barclaycard Visa payment application and OTA download and configuration of corresponding user-interface application, namely Visa Mobile Application, to the NFC handsets used in the trial. Venyon also provides OTA application life-cycle management services to the trial, which enable O2 and Barclaycard to lock, unlock and delete already provisioned payment applications residing in the mobile handsets. Additionally O2 and Barclaycard have an online access to the up-to-date information on issued applications per consumer participating in the NFC trial

Venyon provides its OTA services to the O2 Wallet from its secure data centre in Munich, Germany. For secure handling of the payment card data Venyon has cooperated with Giesecke & Devrient (G&D), an international smart card solutions company. G&D provided the complete data generation for the Barclaycard payment application i.e. the key management and data preparation services.

The purpose of the trial is to evaluate the user experience, behaviour and acceptance of NFC-based mobile applications. O2 concentrates on understanding consumer attitudes towards using this kind of emerging technology and whether consumers feel safe and confident using their handset for payment and transportation services.

Cath Keers, Customer Director, O2 UK said: “This trial is going to provide insights which will prove crucial to getting the customer experience right as we bring NFC on mobile to market. But the trial is just the start of this journey. While we believe that NFC technology is going to fundamentally change the way people use their mobile phones, for this to work we will need the whole ecosystem to come together which means mobile operators, banks and retailers all working together to fulfill a shared vision. If we get this right we can place the UK at the forefront of technology innovation.”

Over the air provisioning of NFC applications is an essential enabler for wide scale NFC

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deployment, as consumers would expect to be able to apply for and download NFC applications directly to their NFC enabled mobile phone whenever new NFC applications are launched to the market. Venyon OTA services makes it possible for service providers such as banks, transport operators and retailers to provision applications to their customers time and place independently, and securely.

“NFC enabled mobile services have tremendous potential and the trial of the O2 Wallet is a spearheading project in testing the true multi-application environment of mobile NFC services,” says Lauri Pesonen, Chief Executive Officer of Venyon. “Over the air management of NFC applications is a must for commercial NFC deployment and this trial is an ideal venue to further verify these services in cooperation with O2 and other stakeholders in the mobile NFC ecosystem,” adds Mr. Pesonen.

### **About O2**

O2 is a leading provider of mobile services to consumers and businesses in the UK. These services include voice, text, media messaging, games, music and video, as well as always on data connections via GPRS, 3G and WLAN. Every month, O2's 17.8 million customers send well over a billion text messages. O2 UK is part of Telefónica O2 Europe which comprises mobile network operators in the UK, Ireland and Slovakia along with integrated fixed / mobile businesses in Germany and the Czech Republic. Telefónica O2 Europe also owns 50% of the Tesco Mobile and Tchibo Mobilfunk joint venture businesses in the UK and Germany respectively as well as having 100% ownership of Be, a leading UK fixed broadband provider.

O2 was ranked as 5th best place to work in the Best Companies to Work for 2007 List and has been awarded a two-star accreditation denoting an 'outstanding' company.

(For b-roll footage of O2, please visit [www.thenewshub.co.uk](http://www.thenewshub.co.uk))

### **About Venyon**

Venyon is driving seamless communication in NFC ecosystems by developing and operating a secure and versatile service platform to be used for the over the air (OTA) provisioning of the consumer applications, such as credit cards and transport tickets, to consumers' NFC enabled mobile devices. Acting as a Trusted Service Manager (TSM) Venyon offers white-label OTA services for mobile operators, banks, transport companies, retailers and other service providers, who are offering different applications for consumers' NFC devices. Venyon is headquartered in Helsinki, Finland and has offices also in Munich, Germany, Dallas, USA and Singapore. For more information, please visit our website [www.venyon.com](http://www.venyon.com).

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