



Cybercom

# Wireless Secure Services Concept for Content Providers Enables Content Providers to Capitalise on EID

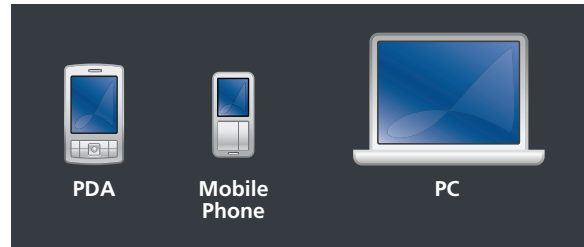
With the growth of mobile technology as a device to access the Internet, the demand for Content Providers (banks, government authorities, e-shopping services, e-payment etc) to extend services to mobile phones has increased. The end-user's expectations have created a challenge to provide the same level of services, securely using the mobile phone.

## Use of Wireless Secure Services

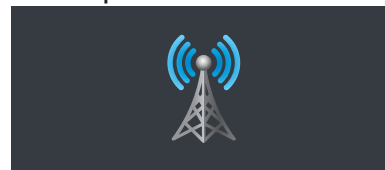
A number of Content Providers in Sweden together with mobile operators have started to extend end-user applications and the mobile network infrastructure to include wireless based secure solution. The solution has been proven using Cybercom's Trusted Security Server (TSS) and Trusted Wireless Security Server (TWISS) products together with SmartTrust's SIM Based Services. Together with the support from the Wireless PKI Forum and mobile operators, Content Providers in Sweden have begun extending end-user applications to include mobile services such as secure banking, declaring taxes as well as secure shopping among other things using the mobile phones.

The idea behind secure services is to ensure seamless security as well as ease of use. The end-user benefits from increased flexibility by being able to access services, such as banking or e-shopping, while having peace of mind that the service is secure. In addition, Content Providers can ensure the integrity of the content as well as that the data signed can not be repudiated in the future. With the support from mobile operators, Content Providers are able to provide the same level of security over the mobile phones.

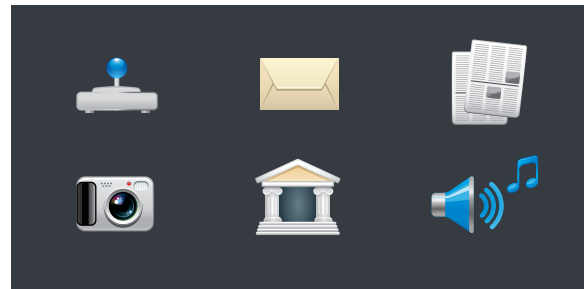
### End Users



### Mobile Operator



### Content Providers



## Solution

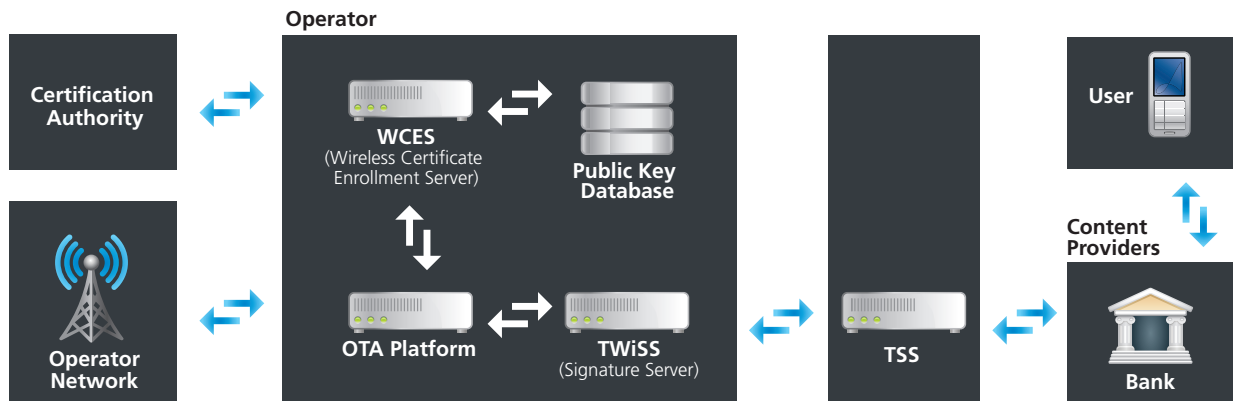
Cybercom's solution is based on existing SIM based technology, which is a crucial element as the mobile phone is increasingly carried by end-users. With the Wireless Application Security Interface (WASI) functionality in Cybercom's Trusted Security Server (TSS), the Content Providers can easily integrate their web application with mobile EID services.

A simple example is an end-user logging into their bank account. For the end-user, this can be done by accessing the bank's website and entering their mobile phone number. This in turn triggers the bank server to ask the operator to send a login request. The end-user receives a login message on the mobile phone to enter their PIN code. By entering the PIN code, the end-user is confirming that they are in possession of the SIM card that can be used to securely transact with the Content Provider.

The same principles can apply when carrying out other banking transactions.

Content Providers needs vary depending on the business area they are involved in. However, they all have one thing in common, that the information that the user can retrieve must be secure. For example, in the case where a doctor is attending a crash scene where the victim needs urgent medical care, it is vital that the doctor has access to crucial information as to what the victim may be allergic too. In this situation, the doctor having secure access to parts of the patient medical records could save the victims life.

With the increasing use of mobile phones, the next logical step is to enhance the number of services that the mobile phone can provide.





### About Cybercom

The Cybercom Group is a high-tech consultancy that offers global sourcing for end-to-end solutions.

The Group established itself as a world-class supplier in these segments: portals, mobile solutions, embedded systems, e-commerce, and business support systems.

Thanks to its extensive industry and operations experience, Cybercom can offer strategic and technological expertise to these markets: telecom, industry, media, banking and financial services, retail and the public sector.

The Group employs about 2,000 persons and runs projects worldwide. Cybercom has 26 offices in 10 countries. The company was launched in 1995 and since 1999, Cybercom's share has been quoted on the OMX Nordic Exchange.

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