ETHER TRUST

"Thanks to EtherTrust, I access all my Web sites in a faster and easier way than ever before. I'm sure my data are securely transmitted and now I can trust my Web services…"

Use Case

Mobile Operators deploy services, based on the USIM authentication module, which provide high speed data link to the Internet.

Problems Arising

Like any past or future human activity, Internet technology introduces new threats. Swindling attempts such as identity theft or hijacking are increasingly numerous. Phishing attacks, nowadays widely used by hackers, aim at recovering logins and passwords in order to usurp web surfer

3G Dongle

USIM with EAP-TLS

INTERNET

WEB Application

EtherTrust OpenID Server

EtherTrust Solutions
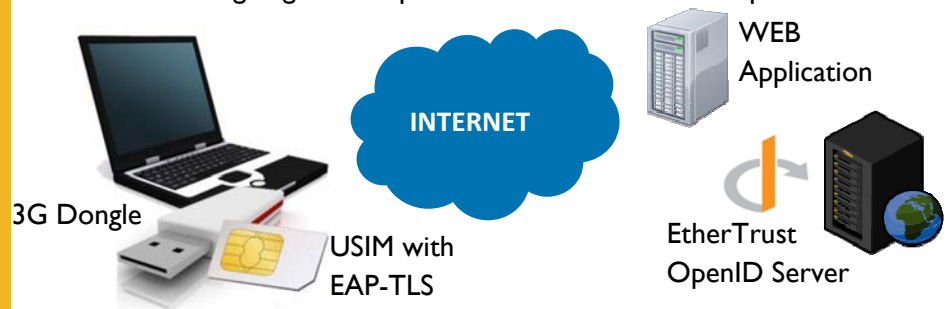
EtherTrust designs strong authentication technologies, based on SSL stack for USIM that are compatible with all operating systems such as Microsoft, Apple, or Linux. The user plugs in a 3G dongle. The USIM runs EtherTrust software, delivers SSL trusted computing services, and stores certificates and cryptographic keys. This system guarantees that the Web browser and the customer's computer are not involved in the identification process; the USIM device autonomously performs authentication operations with the OpenID server. As a consequence Trojan horses running on the laptop cannot recover any sensitive data.

Benefits

The end of phishing: customers no longer enter any logins and passwords, thus this critical information cannot be stolen.
More satisfaction for customers:
- Faster connections: the end of the headache in trying to remember which login and which password are required for each WEB site.
-A simpler connection: the customer inserts his 3G dongle…and that's it!
- A more secure connection: our technology avoids eavesdropping of sensitive information

About EtherTrust

EtherTrust markets software for smart cards and designs innovative solutions that strengthen the security of WEB applications whilst, dramatically simplifying their use.

www.ethertrust.com