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Use Case - Banking
Phishing Killer Solution

Use Case
Banks make web sites available to their customers in order to manage their account and to realize on-line operations.

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 identities. The legal responsibility of service providers is committed when security best practices are not enforced.

EtherTrust Solutions
EtherTrust designs strong authentication technologies, based on smart cards that are compatible with all operating systems such as Microsoft, Apple, or Linux. The user plugs in a USB dongle equipped with a smart card. The device delivers trusted computing services, runs EtherTrust software 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 smart card autonomously performs authentication operations. 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 USB key…and that's it! The user also has the choice of protecting the dongle with a four digit PIN code or by using a biometric method, in order to disable lost or stolen devices.
  - A more **secure** connection: our technology avoids eavesdropping of sensitive information connected with bank accounts.

> May be used as a consumer loyalty card

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

"*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…*"

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