



Use Case - Corporate

Strengthening of authentication in a corporate environment

Use Case

More and more medium sized companies render their information systems more accessible by the use of wireless access or by virtual private networks (VPN)

Problems arising

Access to corporate network resources (email, VPN, Intranet) using the traditional login/password method is a major threat to company security policy. Indeed passwords can be stolen or broken into or can give rise to difficulty in memorization by users or generate the need for constant renewal. Due to their low cost passwords are used in situations where there is no need for a high level of security, they fall short in an environment where a high level of security is required.

Ethertrust Solutions

EtherTrust has developed technologies which provides strong authentication based on the use of a smart card working with Microsoft operating systems associated with EAP-TLS technology. The user is in possession of a USB key which is equipped with a tamper resistant smart card running on EtherTrust software and securely storing digital certificates. The key independently handles the entire authentication operation. Mobility is enhanced whilst identity theft by malicious programs is impossible.

Benefits

- > **Mobility:** Users can reach corporate resources wherever they happen to be and at all hours of the day and night, whilst remaining in full security
- > **Simplicity:** Users insert their USB key and that's all! The user has the choice of protecting the dongle with a four digit PIN code or biometrics means. Connection is faster and easier than with the OTP (One Time Password) solution.
- > **Optimal security:** Information produced by the smart card is protected by cryptographic means. Malwares are defeated.
- > **Remote update:** Updating the smart card can be done securely via Internet and at very low cost

“*EtherTrust enables faster and simpler access to my Intranet network or VPN facility whilst at the same time enforcing network security.*”

About EtherTrust

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



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