

Press release

TokenControl

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TokenControl as a synonym for safety

The use of public key infrastructures requires clear authentication of users in the IT-environment. Information can be kept secret by encrypting the communication or the documents.

These jobs are done by Smart Cards on which the private keys are stored. However, roll-out of this technology is a both highly complex and very expensive procedure. Using Smart Cards for authentication alone entails costs of approximately € 150,- (installation costs of roughly € 100,-, Smart Cards inclusive of reader approximately € 50,-) without subsequent costs such as loss, damage and so on. That is why a non-recurrent investment of approximately € 750.000,- can easily occur for only 5,000 users.

SyTrust S.A. has launched "TokenControl" on the market for solving this problem. TokenControl manages the central tasks of PKI private key administration, key archiving and key history. TokenControl manages soft tokens and smart cards of third-party manufacturers in parallel. TokenControl individually determines which technology is allocated to which user (softtokens or smart cards) with the possibility to change at any time. The advantage of this function is that only one solution for the management of the certificates is needed.

In case of failure, loss or defect of a smart card the user has a hot standby solution available. When it comes to the application software, it does not make any difference, whether the user authenticates himself with his smart card or with his soft token.

Encryption and the fact that communication is kept secret entails the disadvantage that only such person has access to information who has the right key. If the key has become outdated, an employee has left the company or if the company wants to view business data, however, TokenControl helps to reproduce these keys. It is only through the intelligent use of key archiving and key history that documents can be encrypted in accordance with a company's policies, since only by such procedure access to documents that have been encoded by an employee is maintained. Therefore, the company continues to be the owner of the documents without having to undermine the security of the encryption.

Apart from being able to save an unlimited number of keys, TokenControl offers you a simple user management with the structuring and grouping opportunities via an easily operable web front-end.

Further information:

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