iEnigma

OS X
tokenD
Windows Mobile
PKCS#11
BlackBerry

iEnigma®

charismathics presents the only certificate-based identity solution for smart phones worldwide. iEnigma is a 2-in-1 application with higher security levels than regular smart cards as the communication is fully encrypted by SSL, and Secure PIN Entry is fully inbuilt by design. It provides the functionality of a smart card on the smart phone to enable the user to store and transmit encrypted data, sign documents or authenticate a user against a web service. In addition, iEnigma supports PKCS#11, tokenD and MS CAPI/CNG standard interfaces on the regular computer client, integrating with applications such as mail clients, web browsers and Adobe Acrobat. iEnigma also supports certificate-based authentication for logon purposes, remote access or VPN clients.

Imagine a smart card with the power of a full size computer and coming with a large screen and a secure keyboard – this is iEnigma. Never before has it been so easy to integrate strong authentication. iEnigma fits enterprise environments with their large scale roll-outs and PKI infrastructures as well as single users to upgrade security levels on home computers. It supports secure microSD cards, secure elements (NFC, TPM), flash memory and key chain storage, and is able to make use of the SIM card as well. It is fully manageable by CA and TMS in Windows environments, and soon in additional infrastructures.

Overview:

- replace smart cards and USB keys – use your smart phone instead.
- enhance security with only one set of credentials.
- seamless integration into all major PKI applications.
- support of secure microSD cards, NFC/ SIM secure elements, soft tokens.
- for Windows Mobile, BlackBerry, Android and iOS.

Benefits

- PKI based 2-factor authentication for your smart phone and your computer in only one product for Blackberry, Android and Windows Mobile
- support of all major smart card platforms on microSD cards, SIM cards, NFC or TPM chips – also as soft token
- support of PKCS#11 and MS CAPI standards including Microsoft Smart Card mini driver version 7
- certificate- or password-based proximity logon to your computers
- visual control and management of digital identities directly on your smart phone
- seamless support for all major applications and TMS systems on your computer and/or smart phone
- in-built secure channel messaging and secure PIN entry through encrypted transmission channel
- 5-click installation and application simplicity for single users to upgrade to enterprise level security

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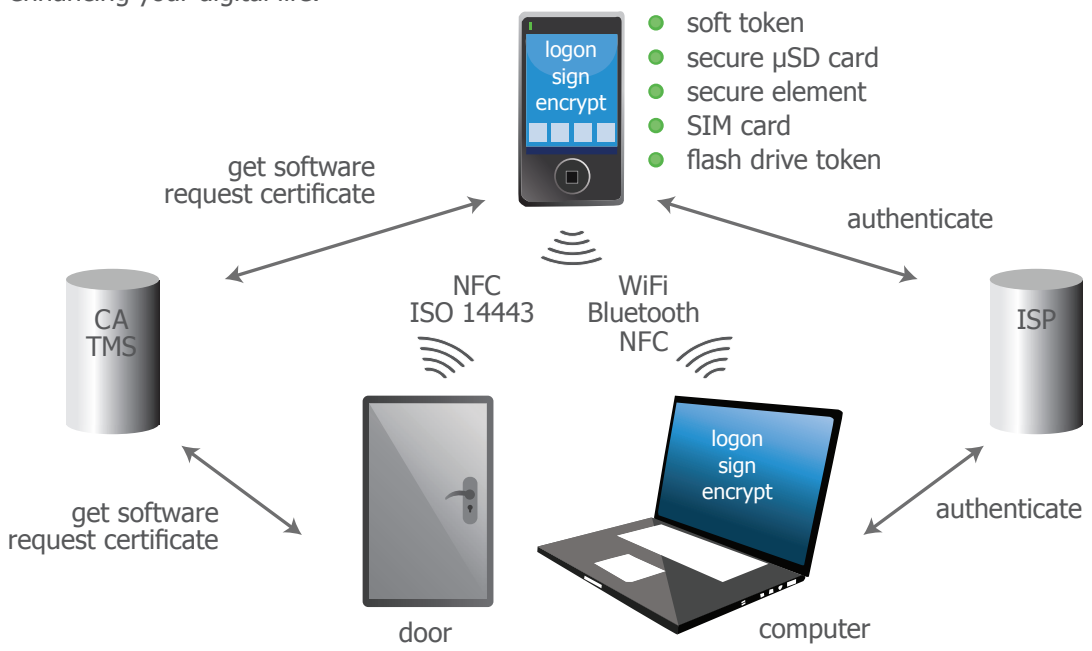
How it works

With iEnigma you can use your smart phone to carry and manage all your digital identities in only one product. Just one set of credentials allows supporting all major applications on both the computer and the smart phone. iEnigma provides cutting edge convenience to users and administrators. It turns your smart phone into a comprehensive security device, holding your ordinary keys as well as all your credentials and enhancing your digital life.



Product Features

Securely log to your computers, authenticate or sign documents using a new breed of 2-factor authentication, utilizing passwords or regular X.509 certificates – and rely on the same security for your smart phone apps as well!

- Use your smart phone like your ball pen: sign emails and documents, pull money from the ATM, pay your bills in stores and get access to many web services.
- iEnigma provides a higher level of security to access your crucial data and networks.
- No one can access your data or emails without your device being present and you unlocking/ decrypting.
- iEnigma ensures a much higher user convenience than any smart card or USB key before.
- No drainage of the phone battery through a smart-ping built into the product.
- iEnigma allows to manage your digital identities and visualizes what really happens inside a token – you are in much better control of your credentials!
- Send emails being confident the email came from you, the sender, because you digitally signed the message with your smart phone using iEnigma.
- Digitally sign documents like PDFs with iEnigma to verify they are read or created by you.
- Your digital identity is always with you, stored securely on your smart phone with iEnigma.

More info and video about iEnigma at **www.charismathics.com/ienigma** and **www.charismathics.com/ienigma_video**

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