

plug'n'crypt

mobile security

token

100% USB



plug'n'crypt®



charismathics provides easy to use and flexible identity solutions through an affordable USB token. The plug'n'crypt token combines the functionality of a secure smart card with optional extensions like flash memory and RFID in a single device. It also includes the charismathics PKI middleware, providing 3D independence towards hardware, applications and Token Management Systems. The result is an enabling technology which supports all major smart card platforms, integrates them into all PKI and client application environments, and represents significant total cost of ownership reductions across the life cycle.

We make it possible to apply smart tokens in new ways for secure mobile computing and secure data storage. Our plug'n'crypt solution is available with customizable flash memory size and/or standard RFID transponders or simply as a pure identity product with smart card functionality.

Never before has it been so easy to integrate a new authentication solution into an existing Public Key Infrastructure.

Benefits

- provides driverless personal USB mobility for transportable secure data stored in the flash memory
- includes smart card chip for true data encryption and secure key and key pair storage
- integrates into existing PKI environments for smooth hardware upgrades
- plugs into all standard software applications such as Windows, Mac OS X, Linux, Solaris, all major browsers, office and document management solutions
- supports multiple smart card chip platforms
- enables flexible software setup for your personal applications

Additional specific details about charismathics PKI middleware are available in CSSI and its derivatives flyers.

Overview:

- the all-in-one USB device
- driverless (CCID)
- secure smart card and flash memory functionalities combined
- customizable flash memory capacity
- plugs into all standard software applications

charismathics

Freedom of Choice: Vendor and Application Independence

charismathics changes the way customers experience smart card implementation, allowing them to operate with their existing legacy of smart cards and at the same time disrupting the relationship between smart card suppliers and operation system interfaces. Our Smart Security Interface is the middleware that enables the use of the smart card security chip operating system of your choice. With Smart Security Interface you can simultaneously use more than one smart card operating system on a single client.

Our middleware provides CSP, PKCS#11, and tokenD modules that interoperate with multiple card profiles for literally any smart card application. Digital certificates are made available for applications like Outlook, Mozilla Thunderbird, Entourage, Mail.app and Notes as well as Internet Explorer, Firefox, Safari and Novell. The Smart Security Interface runs under all major operating systems, including Windows, Linux, Solaris and Mac OS X. The resulting platform supports for all major smart cards, both in the token and on the desktop.

Product Overview

	plug'n'crypt ID USB stick	plug'n'crypt ID smart card	plug'n'crypt USB stick with flash memory	plug'n'crypt with RFID	plug'n'crypt handheld
available	now	now	now	now	now
supported clients	up to Vista 64, Linux 2.6, Mac OS X, Sun Solaris 10	up to Vista 64, Linux 2.6, Mac OS X, Sun Solaris 10	up to Vista 64, Linux 2.6, Mac OS X, Sun Solaris 10	up to Vista 64, Linux 2.6, Mac OS X, Sun Solaris 10	Windows Mobile 6.x
USB	2.0 high speed		2.0 high speed	2.0 high speed	
flash memory	no	no	yes	yes	yes
hardware certification	FCC, CE		FCC, CE	FCC, CE	FCC, CE
supported smart security chip operating systems	all major OS types	all major OS types	all major OS types	all major OS types	all major OS types
certifications	EAL4+, FIPS 140-2, SSCD	EAL4+, FIPS 140-2, SSCD	EAL4+, FIPS 140-2, SSCD	EAL4+, FIPS 140-2, SSCD	EAL4+
key generation	on-/off- board	on-/off- board	on-/off- board	on-/off- board	on-/off- board
profile diversity	yes	yes	yes	yes	no
biometrical interface (incl. match-on-card)	yes	yes	yes	yes	no
contactless chip	optional	optional	optional	optional	no
multi language support	yes	yes	yes	yes	yes
branding	optional	optional	optional	optional	optional

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the middleware company

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