

plug'n'crypt

mobile security

token

100% USB



plug'n'crypt[®]

charismathics provides easy to use and flexible identity solutions on an affordable USB token. The plug'n'crypt[®] token combines the functionality of a secure smart card with the addition of flash memory into a single device. plug'n'crypt[®] also includes the middleware and drivers, which provide complete independence from the smart card supplier. The result is an enabling technology which supports all major smart card platforms and which integrates into all PKI and client application environments. charismathics makes it possible to apply smart tokens in new ways for secure mobile computing.

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

Benefits

- personal USB mobility device for transportable secure data with up to 1GB flash memory
- smart card chip included 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 MS Explorer, Firefox, Outlook Express, MS Outlook, Netscape etc.
- multiple smart card chip platform support

A New Generation Flash Memory Stick

plug'n'crypt[®] is an all-in-one USB device combines the functionality of a smart card and a smart card reader with the convenience of a USB flash memory stick, creating a unique new product: Your easy-to-use companion for mobile security and secure data storage.

plug'n'crypt[®] is available with up to 1 GB flash memory, or simply as a pure identity product with smart card functionality.

Overview:

- the all-in-one USB device
- combines functionality of a secure smart card with flash memory
- available up to 1 GB
- plugs into all standard software applications

charismathics

plug'n'crypt[©] Overview

charismathics changes the way customers view smart card support, enabling them to interoperate with their existing legacy of smart cards and at the same time disconnecting the relationship between smart card suppliers and operation system interface.



Freedom of Choice

PKCS#11 / CSP - Independence of Smart Card Operating System

smart security interface[©] is a middleware, which allows the use of smart card security chip operating system of your choice. With smart security interface[©] it is possible to use more than one smart card operating system on a single client at the same time. The middleware provides a single CSP and PKCS#11 module that supports multiple card profiles for literally any smart card application.

plug'n'crypt[©] product specifications

	version 3.20	version 3.50	version 4.00
supported clients	Windows NT, 2k, XP	Windows NT, 2k, XP, Linux, MacOS	Windows NT, 2k, XP, Linux, MacOS
flash memory	up to 1GB	up to 1GB	up to 1GB
hardware certification	FCC, CE	FCC, CE	FCC, CE
supported smart security chip operating systems	CardOS (all) TCOS 2.03 StarCOS 2.3, SecCOS	CardOS (all) TCOS 2.03, 3.0 JCOP/JTOP 2.2	all major OS types
protection profile	EAL 4+	EAL 4+	EAL 4+
key generation	on-/off-board	on-/off-board	on-/off-board
profile diversity	yes	yes	yes
biometrical interface (incl. match-on-card)	yes yes (optional)	yes yes (optional)	yes yes (optional)
RSA key length	2048	2048	2048
ECDSA key size	256 (optional)	256 (optional)	256 (optional)
admin version	yes	yes	yes
production version	no	yes	yes
multi language support	yes	yes	yes
branding	optional	optional	optional