

the company

identity management
charismathics

100% user convenience



Connecting Security. For Earth.



charismathics' software solutions hold a unique position among current offerings of identification suppliers. They bring innovation to all elements of cards and tokens, identity and access management as well as PKI infrastructures.

charismathics offers system integrators, software vendors, certification authorities and OEMs new ways to integrate, personalize and handle card and token solutions. The result is a complete smart card supplier independence. The portfolio of charismathics' solutions is complemented with a customized production of security hardware which securely contains certificates and accompanying software that supports a vast array of hardware platforms.

charismathics:

- a milestone maker of the industry
- easy-to-use design concept throughout the product line
- vendor independent software solutions
- a complete PKI service portfolio fitting all your needs

charismathics Milestones

- the only truly hardware-token-independent software, including TPMs
- first identity management application on the iPhone
- first USB token with flash memory extension
- first implementation of ECDSA algorithms in PKI clients
- first match-on-card fingerprint implementation for PKI clients

A Complete Range of Security Solutions

✓ smart security interface®

Smart card agnostic middleware that seamlessly integrates with any PKCS#11 application and PKI based device regardless of its form factor. It allows different card operating systems to run simultaneously on a single client.

✓ iEnigma®

The mobile PKI client for major smartphone platforms. Turns your mobile phone into a smart card and finally makes full use of the software you already own. The application locks your computer and provides ease of use to all users. It supports SIM cards, SDcards, soft tokens etc.

✓ plug 'n' crypt®

All-in-one device combining the functionality of a smart card and smart card reader with the convenience of a USB flash memory stick. Optionally available with RFID interface or biometrical sensor. Also as SDcard, mini- or microSD.

✓ smart security component®

An integrated platform consisting of a PKI smart card chip and the charismathics middleware. It provides complete independence when choosing a smart card chip and operating system.

charismathics

Freedom of Choice


charismathics delivers PKI tokens as complete USB sticks, smart cards or modules. These come with or without flash memory. All products are optionally available with RFID interface, allowing you to choose the card OS or chip module. Even the choice of the RFID supplier is customizable. This secures your investment for the future, and provides leverage in numerous ways. PKI cards from multiple vendors can be used at the same time and in the same environment.

The charismathics PKI appliance also offers complete independence of your existing IT environment and database through an open HTML architecture, and

represents a basic token management system at the same time.

Support is also provided for mobile clients, such as handheld computers and smart phones, supplying a complete PKI solution for your entire mobile and fixed environment. As a high volume consumer of modules, charismathics can achieve higher discount levels and cost savings for our customers. The in-house developed middleware supports many kinds of vendors and card OS types enabling investment savings for our clients.

The charismathics Product Matrix



	customization	initialization	personalization	freedom of choice	token management	Java card support	ISO 7816 support	MMC / SD / miniSD	USB version	HDD & file encryption	standard PKI	Virtual / Network Sign-On	RFID (e.g. HID, Legic, Mifare)	remote & web access	email security	
plug'n'crypt	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
smart security interface	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
smart security component						✓		✓	✓	✓						
iEnigma	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
smart security interface TPM	✓					✓	✓					✓	✓	✓	✓	✓

Find out more about us and our products at www.charismathics.com or contact us at sales@charismathics.com

About charismathics

Founded in 2003, charismathics gmbh is a privately held company headquartered in Munich and active in multiple offices around the world.

The company founder is Sven Gossel, MD and Radio Frequency Technology Engineer. With strong growth during the last years, charismathics currently is one of

the global market leaders in digital identity solutions, delivering sophisticated products and middleware to customers and millions of users around the world.

Feel free to contact us for our reference list!

charismathics

the middleware company

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