

# StarSign® Product Family

The key to optimum use of secure IT applications



StarSign® is Giesecke & Devrient's successful solution for the improved efficiency of IT applications. It enables considerable cost reductions in the implementation of IT security systems and ensures the protection of information, which is becoming increasingly crucial.

## The StarSign® product family

With its product family, StarSign® offers optimum flexibility in connection with a high level of user-friendliness.

The product family can be integrated into existing systems and sets new standards in IT security.

## The StarSign® product family includes:

- Various cards and tokens with different card operating systems
- StarSign® middleware
- StarSign® card readers
- StarSign® software

## Smart cards or tokens

StarSign® is available in various form factors. Depending on the requirements and area of application, customers can choose between smart cards or tokens with USB interface:

- StarSign® Card
- StarSign® USB Token
- StarSign® Memory Token
- StarSign® Bio Token

Various card operating systems are available for all form factors. They differ in a number of ways, including certification (CC, ITSEC, or



Giesecke & Devrient



FIPS) and the size of their EEPROM. The chip cards and tokens ensure adherence to a principle of security: the key is physically and completely separate from the PC—unlike software-based solutions. Undesired access to the computer without a card or token is thus impossible.

### StarSign® middleware

After the middleware has been installed on the PC, the card or tokens can be used in all conventional PKI applications such as Secure Mail, SSL, or network login. The middleware supports the most important operating systems.

### StarSign® card readers

For the use of chip cards, G&D delivers high-performance card readers with contemporary high-tech design. Of course, these support international standard software interfaces.

### StarSign® software

With the StarSign® product family, G&D offers a complete package of IT security products. The best products available on the market, e.g. single sign-on systems or hard disk encryption for protecting notebooks, are integrated. Card Management Systems (CMS) rounds off the software package.

### The most important advantages of the StarSign® product family at a glance:

- Modular complete package enables individual solutions
- Trouble-free integration into almost any IT environment, regardless of the complexity of the network structure
- Support of various applications by means of a single card or token
- Flexibility and independence when it comes to selecting vendors and platforms
- Considerable cost savings, e.g. through reduced user administration, helpdesk support, and process optimization
- Simple operation leads to a high level of user acceptance

### Implemented card operating systems

	EEPROM	StarSign® Card	StarSign® USB Token	StarSign® Memory Token	StarSign® Bio Token
STARCOS® SPK 2.3	32 KB	●	●	●	–
STARCOS® SPK 2.4	32 KB	●	●	●	–
STARCOS® SPK 2.5 DI	16-32 KB	●	–	–	–
STARCOS® 3.0	72 KB	●	○	○	●
Sm@rtCafé® Expert 2.0	32 KB	●	○	○	–
Sm@rtCafé® Expert 3.x	64 KB	●	○	○	○
Sm@rtCafé® Expert 64	64 KB	●	○	○	○

StarSign® products can be shipped with additional contactless antenna.

● available, ○ on request, – not available

Status: March 2005—through continuous development, new card operating systems are constantly being integrated.

Giesecke & Devrient GmbH  
Prinzregentenstrasse 159  
P.O. Box 80 07 29  
81607 Munich  
GERMANY

Phone: +49 (0) 89 41 19-1957  
Fax: +49 (0) 89 41 19-27 78

starsign@de.gi-de.com  
www.starsigntoken.com

© Giesecke & Devrient GmbH, 2005  
StarSign®, STARCOS® and Sm@rtCafé® are registered trademarks of Giesecke & Devrient GmbH. All technical data subject to change without notice. G&D/GAO patents.



Giesecke & Devrient