

StarSign® Token

The multi-application and multi-platform PKI solution



Public Key Infrastructures (PKI) today require smart card-based security and interoperability with many PKI applications and PC operating systems. StarSign® Token, a multi-application and multi-platform solution, is G&D's answer to the demanding requirements of modern PKIs.

It is designed for PKI applications (e.g. secure e-mail, network and Internet access) from a variety of manufacturers on all major platforms. By combining optimum flexibility with high usability and easy certificate enrolment,

StarSign® Token establishes a new benchmark in its market segment.

The StarSign® Token software includes a user-friendly installation procedure, middleware, and utility.

The middleware provides the following interfaces:

- CSP for Microsoft applications
- PKCS#11 for applications adhering to RSA specifications
- PKCS#12 transport format
- PKCS#15 token information syntax format

The token can be managed by the included utility:

- PIN definition
- Key generation
- Multi-language support
- Automatic registration of certificates in MS applications
- Customization, i.e. menu items can be switched on/off



Giesecke & Devrient



For system integrators and resellers (banks, trust centers, etc.), G&D provides one master CD-ROM with software and the required number of cards. Evaluation kits with software, cards, and reader are available on request.

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	Hardware	Software
Features	Supported chips Philips P8WE5032V0G <ul style="list-style-type: none"> • ITSEC E4 high evaluated • With STARCOS® SPK 2.3/2.4 Philips P8RF5016/16 <ul style="list-style-type: none"> • Dual Interface (Mifare) • With STARCOS® SPK 2.5 DI Infineon SLE66CX322P <ul style="list-style-type: none"> • CC EAL5+ evaluated • With Sm@rtCafé® Expert Further chips are available on request.	Extract of supported applications <ul style="list-style-type: none"> • MS Windows 2000/XP logon • MS Windows terminal server/ Citrix • Secure e-mail clients such as MS Outlook (Express, 98, 2000, XP), Netscape Messenger, Novell Groupwise 6, Baltimore Mail-Secure, Utimaco Sign & Crypt, Entrust Entelligence • Secure e-mail plug-ins for Lotus Notes from Utimaco, Secude, SSE, Baltimore • SSL authentication of browsers such as MS Internet Explorer, Netscape Navigator • Baltimore PKI, Entrust PKI, RSA Keon PKI, VeriSign PKI, or GlobalSign PKI • VPN clients from Microsoft, NCP, Cisco, Checkpoint, SafeNet • SSH Secure Shell clients • PGP, RSA SecurID, Celo eSigner, Lotus Notes Rnext, Citrix Metaframe, Novell NMAS • SSO from eTrust, Protocom
	Supported token interfaces <ul style="list-style-type: none"> • Smart Card (ISO 7816) • G&D StarKey 100 (USB token) • Rainbow iKey 3000 (USB token) Supported operating systems <ul style="list-style-type: none"> • G&D STARCOS® SPK 2.3/2.4/ 2.5 DI • G&D Sm@rtCafé® Expert Java™ card • G&D STARSIM® Java™ Further operating systems are available on request.	Supported interfaces <ul style="list-style-type: none"> • PKCS#11, PKCS#12, PKCS#15 • CSP for MS CryptoAPI • PC/SC 1.0 several class 2/3 readers • A004 Supported operating systems <ul style="list-style-type: none"> • Windows 98/ME/NT4.0/2000/XP/ 2003 Server • MAC OS X • Linux • Solaris • Windows CE
Interface/Operating System	Deliverables <ul style="list-style-type: none"> • Completed smart cards, USB tokens or modules On request: <ul style="list-style-type: none"> • Printing and branding services • Initialization • Personalization • Card and digital ID management systems 	Master CD-ROM contains <ul style="list-style-type: none"> • InstallShield® procedure • Token Management Utility for token initialization, PIN/PUK change, PKCS#12 certificate import, automatic registration of certificates in MS applications, multi-language support • End user and release documentation
Deliverable		

RDN 10/04/E 500 AT-Nr: 288 6001 ZDC



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