

## SmartCase™ SmartCard

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The new SmartCase™ SmartCard is the ultimate portable security medium for secure identification and information security infrastructures.

Use the SmartCase™ SmartCard in different ways:

- As easy to use access key to your system and your data.
- As space for valuable data such as network addresses and login information to various applications.

The confidentiality of your data stored on the SmartCard is guaranteed, because you need either your PIN number or your fingerprint to access the data. An integrated processor controls the secure access to all stored data.

Manipulate the processor destroys all content of the SmartCard.

With the Security API software the SmartCase™ SmartCard offered by Fujitsu Siemens Computers fits perfect to Public Key Infrastructures (PKI) and PKCS#11 based applications.

### Security

- Efficient Crypto Coprocessor for secure cryptographic functions and key generation for strong encryption of data and files
- Use it to encrypt e-mails
- Secure operating system logon with SmartCase™ Logon+
- Secure storage for your sensitive data like login credentials
- Security API Software with PKCS#11 support optional available for easy integration into Microsoft Windows Operating Systems

### Usability

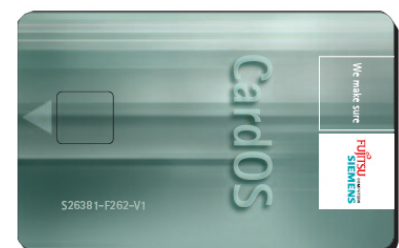
- Works perfectly in combination with security software products available for secure access / user authentication, encryption and secure storage of data.
- Supported by all Fujitsu Siemens SmartCard readers / writers

### Ergonomics

- The perfect place for safe and secure storage of passwords and logon names
- Use it for easy logon / logoff processes to your system

### Reliability

- High quality and function stability according to industry standards



SmartCase™ SmartCard		Card Operating System	CardOS
<b>Technical features</b>		<b>Encryption features</b>	
Infineon Chip	SLE66CX642P 64 KByte EEPROM	On-card generation of	DES keys double-length 3DES RSA keys RSA signature calculation RSA key exchange up to 2048 bit
	Crypto Coprocessor	RSA key lengths	
<b>Standards</b>	ISO Standard 7816 (Part 3, 4, 5, 8 and 9)	<b>Hashing</b>	SHA-1 MAC HMAC MD2 MD4 MD5 SSL3 SHAMD5
<b>Protocols</b>	T=1 Support of extended APDUs		
	Transaction concept for individual commands and command sequences		
	Rapid card communication at up to 115 Kbaud, selectable in accordance with ISO 7816/3	<b>Enciphering and deciphering data</b>	
		Cipher block chaining (CBC mode)	DES or 3DES keys
		40-bit to 128-bit key length	RC2 or RC4 keys
		<b>Internal authentication</b>	
		card-to-host	DES or 3DES keys in cipher block code (CBC) mode
		<b>External authentication</b>	host-to-card with DES or 3DES keys
		<b>Certification</b>	
		Card controller	Common Criteria EAL 5+
		CardOS	Common Criteria EAL 4 high
		<b>Supported Applications</b>	SmartCase™ Logon+ SmartCase Security API with CSP and PKCS#11 SystemLock
		<b>Additional functions</b>	Secure messaging Protection against known Security attacks
		<b>Package Contents</b>	SmartCase™ SmartCard blank SmartCase™ SmartCard available on request