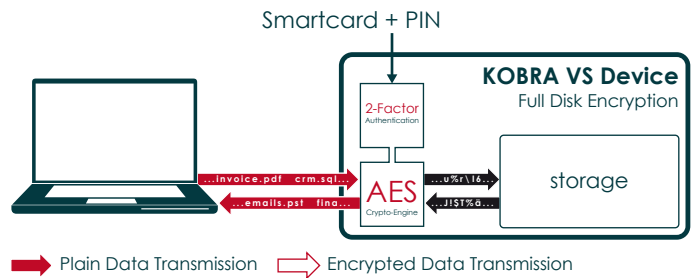




**Full-Disk Encryption**  
256-bit AES full-disk hardware encryption in XTS mode using two 256-bit crypto keys

**Access Control**  
Two-factor authentication via smartcard and PIN according to the principle "having and knowing"

**Crypto Key Management**  
Administration of the cryptographic keys by the Users: Create, Modify and Destroy



### Approved by the German Federal Office for Information Security (BSI) for government classified information up to NATO RESTRICTED and EU RESTRICTED

**KOBRA STICK VS (KSVS-1FF)** is an encrypted USB-C Memory Stick that corresponds, according to the German Federal Office for Information Security (BSI), to the current state of technology. The KOBRA STICK VS enables the GDPR compliant data storage, data retention and secure transport of classified data up to the classification level of VS-NfD (German public sector classification), RESTREINT UE/EU RESTRICTED and NATO RESTRICTED for authorities and companies. In addition to DIGITRADE Smartcards, existing PKI-based company ID-, Service- and Troop ID Cards can be used for authentication. In terms of confidentiality, all data stored on the KOBRA STICK VS is protected against unauthorized access in case of loss or theft of the device.

#### Security Features:

- Distribution of roles between administrator and user
- Management software Kobra Client VS
- External generation and calculation of crypto-keys on the smartcard
- Automatic encryption of all data in real-time
- Automatic formatting after key change
- Read-Only Mode mechanism
- Time out function (1 to 30min)
- Lock-Out and Quick-Out functions
- Sturdy metal housing protected against splash water

#### Optional configurations:

- Laser engraving of logo, inventory numbers, scanable QR codes, designations or similar according to customer
- Custom USB VID, PID & Serial Number
- Integration of other PKI-based ID cards or smartcards of the client
- Windows To Go
- pSLC memory

#### Security certificates:

- Approved by BSI for German VS-NfD, RESTREINT UE/EU RESTRICTED and NATO RESTRICTED - BSI-VSA-10338

#### Technical information:

- Integrated power supply
- Execution of many functions without PC connection
- Simple operation, maintenance and support free
- Modern USB-C connection
- Compatible with USB 3.0 & 2.0
- Operating system independent and bootable
- No performance limitations
- Read/write speed: up to 120 MB/s
- Capacities: 16 GB to 512 GB MLC memory
- Smartcard in chip card format
- Up to 10 smartcards (PKI cards) can be integrated
- Weight: 81 g
- Dimensions: 8,4 cm x 2,7 cm x 1,4 cm
- Scope of delivery: KOBRA Stick VS (KSVS-1FF), Smartcard (optional), USB-C to USB-C cable, USB-C to USB 3.0 Type-A cable, Quick-Start-Guide