

Description of services

- Signs and verifies large data volumes
- Uses the Secure Messaging procedure to create an encrypted connection to the SignatureServer
- Calculates a signature using a hash value or pre-defined data
- Verifies a signature without having to communicate with the SignatureServer
- Validates a certificate using OCSP
- Activates the smartcard after a valid PIN is entered
- For each smartcard slot the SignatureServer provides (status) information about the smartcard inserted in it
- Supplies the certificate for a SignatureServer's smartcard
- Permits central administration using API and the administration tool
- Exports log data
- Verification module available separately
- Supports qualified signatures via TeleSec smartcards
- Can be modified individually to meet the specific requirements

Administration

System Administrator

- User management
Creating, managing and deleting users
- Smartcard management
- Smartcard status
- Information about status changes given by e-mail or SMS

All of the system administrator's administration tasks are performed using a command line tool.

Smartcard owner

- Locking and activating of smartcards

All the smartcard owner's administration tasks are performed using the integrated operational controls.

Hardware

- 19" black box
- Ethernet interface
- Smartcard slots, scalable from 2 to 10 smartcards

Interfaces

- 1 x USB, at the front
- 1 x PS2 / Y-Adapter, behind
- Network connection (RJ45), behind
- Monitor connection, behind

Software

SignatureServer API

- Linux
- Windows
- Solaris upon request

JAVA API

- Encapsulation of the C interface for signature creation and verification

Remote Administration via

- Administrations tools
- Use of API

Complementary Utimaco products

- CryptoTimeStamp
- CryptoServer LAN
- SafeGuard Sign&Crypt Family

Communication between application and SignatureServer

- TCP / IP

Supported formats

- PKCS#1
- PKCS#7

Integration in additional formats is implemented by the application.

API interfaces for integration

→ C

The C interface is integrated in the application in the form of a library.

→ JAVA

For JAVA-related applications there is a JAVA class API which completely encapsulates the C interface with reference to the signature and verification function.

Available in these languages

- German

Contact

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