

ECOS TrustManagementAppliance

Security with keys and certificates



- ♦ All-in-one
- ♦ Active Reports
- ♦ Open & Future-proof

Benefits

- ♦ PKI and key management out of the box
- ♦ Certificates, symmetric keys and secrets
- ♦ Supports all platforms, systems and devices
- ♦ WLAN authentication of mobile devices via IEEE802.1x
- ♦ OTP user authentication via software token, token, SMS
- ♦ Automatic notification system via Active Reports
- ♦ Seamless integration into the existing infrastructure
- ♦ Freely scalable and optionally highly available

safe and smart

ecos

ECOS TrustManagementAppliance

Securing the future with PKI and key management

The ECOS TrustManagementAppliance is a PKI and key management solution for securing mobile devices, PCs, servers, processes and other devices in the (I)IoT sector. It offers all options for creating, importing, archiving and querying/deleting secrets. For a better overview and an easier administration, freely definable metadata can be assigned manually or automatically.

IT Security Solutions

Made in Germany

Performance characteristics

Certificate management

- ◆ Creating, renewing and withdrawing certificates
- ◆ Certificates, secrets and symmetric keys
- ◆ Freely configurable key length and signature algorithm
- ◆ Freely definable and assignable metadata
- ◆ Automatic renewal of certificates
- ◆ Classifying and structuring certificates
- ◆ Automated certificate enrollment (certificate enrollment | basis via SCEP)
- ◆ Automated certificate renewal (certificate renewal | basis via SCEP)

Distribution

- ◆ Distribution of certificates via LDAP, SCEP or Windows service
- ◆ Support for Windows/Linux servers and clients, other end devices (in particular Android and iOS via mobile device management)
- ◆ Refueling or generation of certificates on the smartcard
- ◆ Self-service portal for users, helpdesk and admin

Validation

- ◆ Validation of the certificates via CRL or OCSP

Storage

- ◆ Secure storage in the hardware security module possible

Integration

- ◆ Coupling with AD or other metadirectory
- ◆ Control and configurability of all functions via HTTP API
- ◆ Integration into existing PKI, as sub or root CA
- ◆ Cluster operation, also across locations
- ◆ Multi-level structured root and sub CAs
- ◆ Import interface for public and private certificates
- ◆ SNMP interface for the connection of a monitoring system
- ◆ syslog interface for the connection of an aggregation tool
- ◆ Virtual appliance for operation under VMware, Microsoft Hyper-V or other virtualization solutions
- ◆ Preconfigured ISO image with ECOS Secure Linux and TMA

Authentication

- ◆ Support for OTP tokens, software tokens and SMS
- ◆ Radius server for authentication via IEEE 802.1X

Multitenant administration

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ECOS TrustManagementAppliance

Performance characteristics

Administration

- ◆ Central web interface
- ◆ Granular assignment of rights for the admin interface

Reporting

- ◆ Predefined reports and own report editor
- ◆ Automatic notification system via Active Reports

Licensing

- ◆ TMA300 ECOS TrustManagementAppliance [Starter], up to 999 objects
- ◆ TMA310 ECOS TrustManagementAppliance [Professional], up to 9,999 objects
- ◆ TMA320 ECOS TrustManagementAppliance [Enterprise], from 10,000 objects

Object licenses (certificates, keys, secrets)

- ◆ The number of object licenses depends on the actual number of simultaneously managed certificates, keys or secrets.