

# Security Director

## Automated security management



NIS2



ISO-27001



IT-Grundschutz



NOC/SOC



Compliance

## Benefits

- **Automated security** – registers, authenticates and cryptographically pairs devices based on established security standards
- **Efficient password management** – automatically changes passwords, e.g. after service calls; avoids password recycling and minimizes manual intervention
- **Compliance score at a glance** – checks the security settings of all devices daily; detects, documents and corrects configuration deviations
- **Flexible deployment** – available as an air-gapped download or via DevOps pipeline for continuous (rolling) updates
- **Tenants and protection zones** – enables secure provisioning of secrets and comprehensive auditability through configurable separation of assets, users and permissions – even in systems with multiple tenants or protection zones

## Overview

With increasing digitalization and a growing shortage of skilled workers, it's becoming more difficult for IT companies to consistently implement basic security measures. At the same time, requirements are rising due to national and European regulations such as NIS2, especially in critical infrastructures.

Security Director is a specialized management solution that supports secure network operations through comprehensive automation. The platform minimizes the attack surface, improves transparency and reduces the burden on IT administration with intelligent features for crypto pairing and management, centralized password control and compliance monitoring.

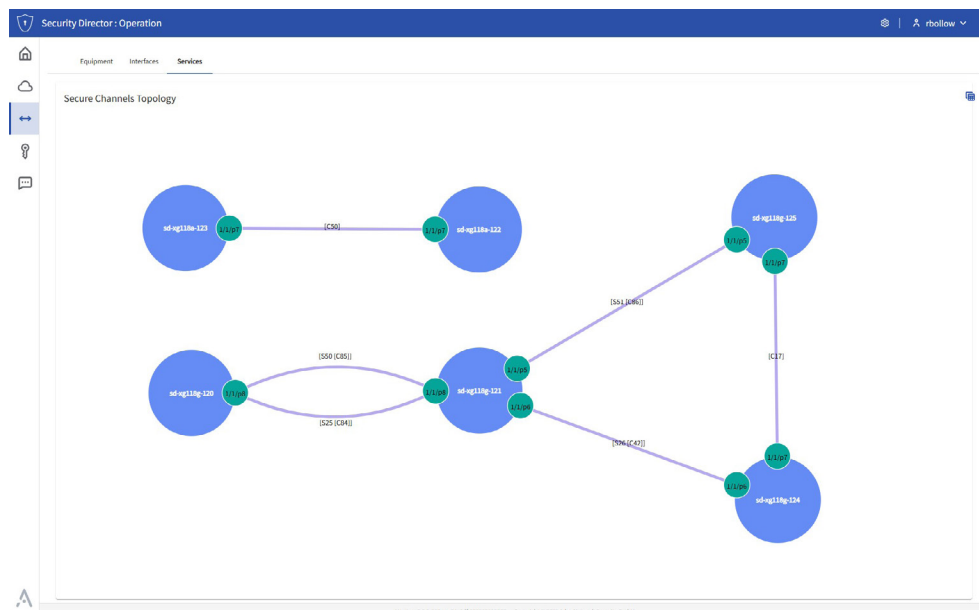


Fig.: Services are graphically displayed. Device status – including compliance scores, port status and secure channels – is presented in an intuitive format. Follow-up actions can be initiated according to the playbook with a mouse click.

# Security Director

## Technical specifications

### Compliance

- Regular assessment of device settings against security policies (password policy, protocols used, access restrictions, cryptographic mechanisms, etc.)
- Consolidated display of compliance as a percentage

### Visualization

- Dashboard with key performance indicators (KPIs) and summarized status information
- Live visualization of secure channels with key exchange parameters and dependencies

### Automation

- Automatic pairing of security relationships (secure channels), including fingerprint matching
- Automatic password changes, e.g., in accordance with security guidelines or after service calls<sup>(F)</sup>
- Secure storage and automated use of crypto passwords, e.g., for secure software updates
- Initial certificate provisioning and automated certificate changes<sup>(F)</sup>

### System architecture

- User management with segregation of duties
- Optional integration into existing directory services via LDAP
- RBAC for BSI-compliant separation of administrative users
- Multi-client capability with access restrictions based on organizational units
- Audit log for transparent tracking of administrative activities

### Operating environment

- Server with Red Hat Linux OS and virtualized servers
- Provisioning as Docker containers
- Download from customer portal (“air-gapped”) or pipeline integration (“rolling update”)
- HTML5 browser support, e.g., Google Chrome, Mozilla Firefox

## Supported devices

### FSP 150

- FSP 150-XG118Pro (CSH)
- FSP 150-XG418
- FSP 150-XG480
- FSP 150-XG490

### FSP 3000 C<sup>(F)</sup>

- S-Flex™ (SF-D19DCT)
- CryptoMux+™ (MA-B2C3LT-A)
- CryptoMux™ (MA-2C2C3LT-A)

Native as FSP 3000 and hybrid as a subshelf of FSP 3000R7

<sup>(F)</sup> Future versions of Security Director

## Available subscriptions

Security Director is free of charge in its basic scope. The “Crypto Management” and “Compliance Score” functions can be subscribed to per device or card.

Item	Description	Applicable to
<b>ADVA/SD/CRYPTO/M (-12M/-36M/-60M)</b>	Security Director subscription crypto management incl. pairing and visualization per device or card for 12/36/60 consecutive months	FSP 150-XG118Pro (CSH)
<b>ADVA/SD/SCORE (-12M/-36M/-60M)</b>	Security Director subscription Compliance assessment and score per network element for 12/36/60 consecutive months	FSP 150-XG118Pro (CSH) FSP 150-XG418 FSP 150-XG480 FSP 150-XG490

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