

Collax Security Gateway

Professional protection for your network



Information security for your next generation network

The Collax Security Gateway is a unified threat management (UTM) solution. It comprises all security functions in one product. Thus, it protects the users, the network, and the servers alike from threats from the internet.

Protection and control

Thanks to hierarchially structured filters, reliable spam and virus protection can be implemented for your company with minimal resources. With the help of the solution, the use of the internet can also be protected quickly and easily. Thus, the websites can be blocked entirely, or the access rights can be restricted by user (groups) or time schedule. With the Collax Security Gateway, downloads can easily and securely be limited in order to minimize potential risks. The security concept also enables the protection of encrypted data traffic (SSL interception).

Next generation firewall

The Collax Security Gateway has a full-fledged stateful inspection firewall that is easy and quick to administer thanks to the graphical display of the firewall rules.

Remote access and branch networking

VPN (virtual private networking) can be used as a communication channel for securely connecting branches and / or mobile employees to your corporate network. Apart from network connections via VPN according to the IPsec standard, the Collax Security Gateway also provides SSL VPN. IPsec VPN is still the first choice for the networking of locations or the connection of „power users“. However, if access permissions are to be defined very precisely and no obstacles arise from the use, SSL VPN is the best solution. This technology allows the use of any modern browser without any additional installation and regardless of the platform.

Optimum use of the networks

By means of the Collax Security Gateway, we offer you various methods for using the network as effectively as possible. For example, the brute force protection delivers intrusion detection and prevention options. Extensive network functions (e.g. link failover, traffic shaping) make sure that your network is always fully available even under extreme load. Policy-based routing distributes the entire data traffic to the existing networks in the best way possible.

Highlights

- Hardened firewall system guarantees reliable protection
- Secured web access for users
- E-mail spam filter ensure clean inbox
- Included virus filter for e-mail and web traffic
- Easy and safe remote-access
- Optimized traffic policies for your network traffic
- Efficient maintenance and monitoring for administrators

System requirements:

- 64Bit X86-processor
- USB stick or CD-/DVD-ROM drive, bootable
- Hard drive starting from 16 GB
- Min. 2x 1GB network interface
- RAM min. 1024 MB
- For installation only: VGA graphic card

Technical Details

Stateful Inspection Firewall

Stateful inspection packet filter · Application layer firewall · Application proxy für SMTP · DNS · NTP · VoIP-Support (SIP, RTP) · Connection Tracking · Denial-of-Service Protection · Grafical rules management · Protection against Brute Force attacks

VPN

VPN for mobile devices - Android, iOS, Windows · IPSec with X.509 certificates or PSK · L2TP · VPN Wizard · Enhanced interoperability · Administration of certificates and CRL management · CA for PKI · SSL-VPN · DynVPN · Proposal according to BSI advice

Web browsing security

Application proxy und virus filter for web traffic · Web blocker URL filtering · Web traffic SSL interception · individual black-, white lists · Active content filter · Anti phishing · Group rules and application proxy · Statistics and reporting · User based evaluation (optional)

E-mail Security

Live spam protection · E-mail greylisting · Cloud based razor check · Reputation filter · DNS-Cloud based DKIM und SPF checks · Realtime blackhole list & DNS blacklists · Individual black and white lists · Zero day protection (heuristics) · Trainable bayes filter · DNS blacklists · Image and PD filter · Tar pits emulation · Header filter and attachment filtering · ClamAV virus protection

Networking

Link and interface failover · Traffic shaping · Policy routing · Tagged VLAN · DMZ Support · Virtual Switching · Bridging · Performance and redundant link aggregation/teaming SNAT · DNAT · Masquerading · Port-Forwarding · MAC address control

Hardened operating system – efficient management

Deterministic system · Binary files with exploit protection · Password guidelines · Central user and group management per LDAP · LDAP Proxy · LDAP-Replik or Kerberos · Windows™ ActiveDirectory integration · SSO · Remote administration HTTPS · Update management for system-, virus-, spam- and URL-filter · delegable administration · integrated data backup · Support for USV systems

Possible Add-ons

Avira Antivir · Virus Protection powered by Kaspersky Lab · Surf Protection powered by Cobion

