

## LiSS series

## VPN Router + Firewall + Content Filter

The brand **LiSS series** stands for technically sophisticated security appliances. LiSS series appliances can be easily integrated in nearly all IT infrastructures. Featuring performance, multi-functionality and ubiquitous implementation, LiSS series appliances also offer maximum protection.

### maximum protection

The intelligent combination of diverse security technologies ensures security and integrity of your company's network. There is a wide range of tools for comfortable monitoring and remote management available. Automated firmware and signature updates increase the security level.

### simple implementation

LiSS series appliances fit smoothly in existing infrastructures. Both directory services and single sign-on authentication are supported. Each system is usable as a router as well as a bridge.

### optimum performance

A modular firmware allows to choose the optimal hardware platform and features according to various requirements. Two devices form a high available failover system. Greater demand can be satisfied by clustering.

### Functions:

- ◊ Central IP gateway
- ◊ Multi level firewall (SNAT, DNAT, logging)
- ◊ VPN gateway
- ◊ Proxy server (anti-virus, anti-spam, content)

### Highlights:

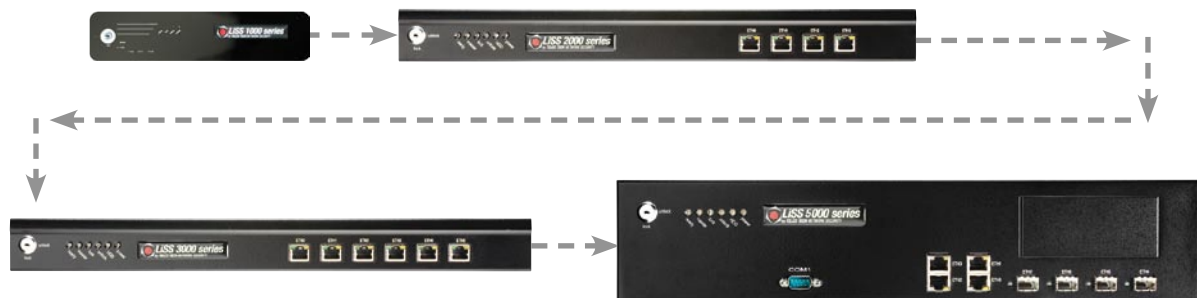
- ◊ Policy based routing
- ◊ Bridging / routing
- ◊ Extensive diagnostics
- ◊ Central Management

### Options:

- ◊ Failover / Hot standby
- ◊ VLAN Support
- ◊ Single sign-on
- ◊ Bonding / Trunking

### Advantages:

- ◊ Modular and scalable
- ◊ Comfortable management
- ◊ No limitation of clients and VPN
- ◊ Free bugfix service



# LiSS series

## VPN Router + Firewall + Content Filter

LiSS series	Interfaces			Form			Recommended User <sup>(2)</sup>
	10/100	10/100/1000	SFP <sup>(1)</sup>	rackmount	desktop	fanless	
<b>700</b>	5 <sup>(3)</sup>				x	x	1-10
<b>1000</b>	3				x		1-25
<b>2000</b>	4			x			10-35
<b>3000</b>		6		x			30-200
<b>5000</b>		4	4	x			100+

(1) Small Form Factor Pluggable (SFP) Interfaces  
 (2) depends on usage behavior  
 (3) 1x WAN, 4x LAN (switched) Interfaces

### LiSS series - Made in Germany

- ⬡ Safe investment
- ⬡ No hidden costs
- ⬡ No limitation to the number of clients
- ⬡ No limitation to VPN<sup>(4)</sup>

### Basic System

#### Firewall

- Multi-level firewall with individual and automatic rules
  - Stateful packet Inspection
  - Service based rules
  - Comfortable rule editor
  - Predefined services

#### Security

- Administration via HTTPS
- Hardware write protection

#### System

- Parallel configuration of diverse physical and logical interfaces:
  - Ethernet, Bridge
  - VLAN<sup>(\*)</sup>
  - Bonding / Trunking<sup>(\*)</sup>
  - DSL (max. 4x)<sup>(\*)</sup>
- NTP
- DNS-proxy
- Backup management
- Configurable administration accounts
- Policy based routing prioritized routing depending on protocols, traffic sources or destinations
- Central administration of certificates

#### Administration

- Easy handling by using web interface and enter validation

#### Filter-Basis

- Local user administration and authentication
- Time-depending access control
- HTTP Proxy
- HTTPS Proxy/transparent Proxy
- URL filter
  - Positive and negative lists
  - Dynamic lists
  - Orange filter<sup>(\*)</sup>

#### Intrusion Detection/Prevention

- Updatable rules
- Import of rules
- Proactive notification

#### Diagnostics

- Qualified collection and editing of log files
- Creating and sending of system reports
- Remote logging
- Tools for analyzing the network
- Graphical Reporting
- Graphical Statistic

### Optional Modules<sup>(\*)</sup>

#### VPN / IPsec

- Authentication through
  - Preshared Secrets
  - RSA-Keys
  - X.509-Certificates
- VPN (via dynamic IP possible)
- NAT-traversal
- No limitation to tunnels
- Monitoring of tunnels

#### Failover

- VRRP based failover
- Active-hot-standby-system
- Dedicated Ethernet synchronization wire

#### Prioritisation

- Administration of priority classes

#### Central Management

- Communication with central management server
  - Monitoring
  - Configuration backup
  - Firmware updates

#### Filter-Upgrade

- Single sign-on
  - Active directory support
  - LDAP support
  - eDirectory support
- Virus scanner
- Combination of two virus scanner possible
  - Clam AV (including signature updates)
  - AntiVir (Avira)
- Spam filter
  - Combination of different spam identification methods
  - Tagging
  - Graylisting

(4) LiSS 700 systems support up to five tunnel at the same time  
 (\*) – optional fee-based modules