

## **LiSS 4000 series - 10 GbE**

**VPN Router + Firewall + Content Filter**

The brand **LiSS series** stands for technically sophisticated security appliances. LiSS series devices can be easily integrated in nearly all IT infrastructures. They feature high performance, multi-functionality and universal application. LiSS series appliances also offer highest 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 applicable requirements. Two devices form a high available failover system. Greater demand and highest availability requirements can be achieved 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-Stand-By
- VLAN Support
- Bonding / Trunking

### **Advantages:**

- Comfortable management
- No limitation of clients and VPN
- Modular and scalable
- Free bugfix service
- Inclusive one year maintenance
- No backdoors
- Digital hardware write-protection



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## VPN Router + Firewall + Content Filter

LiSS series	Form					Recommended User <sup>(2)</sup>	Dimensions in cm (width / deep / height <sup>(3)</sup> )
	10/100/1000	SFP <sup>(1)</sup>	rackmount 19"	desktop	fanless		
4000	8	4	x			30-200	43,0 / 34,0 / 4,5

<sup>(1)</sup> Small Form Factor Pluggable (SFP) Interfaces <sup>(2)</sup> depends on usage behavior

<sup>(3)</sup> Depth excludes connectors and power plus feet height 0,5 cm

### Basic System

#### Firewall

- Multi-level firewall with individual and automatic rules
  - Stateful packet Inspection
  - Service based rules
  - Comfortable rule editor
  - Predefined services
  - IP groups
  - Time scheduled rules
  - Host names

#### VPN / IPsec

- Authentication through
  - Preshared Secrets
  - RSA-Keys
  - X.509-Certificates
- VPN (via dynamic IP possible)
- NAT-traversal
- Monitoring of tunnels

#### Intrusion Detection/Prevention

- Updatable rules
- Import of rules
- Notification of attacks

#### Security

- Administration via HTTPS

#### Filter-Base

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

#### System

- Parallel configuration of diverse physical and logical interfaces:
  - Ethernet, Bridge
  - VLAN<sup>(\*)</sup>
  - Bonding / Trunking<sup>(\*)</sup>
  - DSL (max. 4x)<sup>(\*)</sup>
- NTP-Unterstützung
- 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

#### 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

#### Prioritisation

- Administration of priority classes
- Quality of Service
- Traffic Shaping

#### Filter-Upgrade

- Single sign-on
  - Active directory support
  - LDAP-support
  - eDirectory-support
- Virus scanner
- Combination of two virus scanner possible
  - Clam AV
  - AntiVir (AVIRA)
- Spam-Filter
  - Combination of different spam identification methods
  - Tagging
  - Greylisting

### LiSS series - Made in Germany

- Safe investment
- No hidden costs
- No limitation to the number of clients
- No limitation to VPN
- No Backdoors

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

#### VLAN

- IEEE.802.1p

#### Central Management

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

#### Failover

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