

## SmartShare FairRouter 1000 Series

**The SmartShare FairRouter 1000 Series is a powerful and affordable WAN optimization appliance especially targeted for midsize enterprises or branch offices. Advanced bandwidth management is achieved through use of Dynamic QoS and User Load Balancing, hereby allowing trouble-free use of VoIP applications, thin clients or other centralized applications.**

**SmartShare FairRouter™** family of products provides advanced bandwidth management along with the functionality of a state of the art internet router. SmartShare FairRouter automatically monitors, manages and routes internet traffic, with the result that all users on the network are given a fair share of the available bandwidth.

### Automatic Bandwidth Management

SmartShare FairRouter is based on years of experience in developing network equipment for business-critical environments. Utilizing the unique and patented User Load Balancing™ and Dynamic Quality of Service™ algorithms, the FairRouter overcomes many of the problems of traditional QoS-based appliances when it comes to installation and configuration ease.

### Dynamic QoS Versus Traditional QoS

Traditional QoS solutions require manual setup and are based on a need to reserve bandwidth against expected use. This creates a number of disadvantages of which the most obvious is that reserved bandwidth is wasted when not in use. Secondly, reserved bandwidth has a fixed size limit and can therefore be utilized completely resulting in a degradation of VoIP conversation.

SmartShare's Dynamic QoS technology has none of these disadvantages. It processes all Voice and Data traffic dynamically on the basis of current needs, optimizing internet connection utilization without the need to reserve bandwidth that may never be used. In this way, you can save internet costs while guaranteeing service quality.



The SmartShare FairRouter 1000 Series comes in a 1U rack-mountable chassis

### License Upgradeable

SmartShare Systems' appliances come in a range of sizes to ensure that each of your offices has a properly sized bandwidth management appliance. Plus, with our upgradeable licensing capability, you don't need to oversize a box for your remote offices and can ensure that you still have room to grow while protecting your WAN Optimization Appliance investment.

### Typical Deployment



### Ease of Use and Maintenance

SmartShare FairRouter is easy to set up and roll out to your users. Initial installation and configuration takes just minutes through the use of an intuitive user interface. The SmartShare FairRouter is a virtually administration-free solution with few requirements for maintenance and monitoring.

## Technical Specifications

### Key Features

- Bandwidth Management
- User Load Balancing™
- Dynamic QoS™
- NAT Router with public IP forwarding
- IP Router
- SPI Firewall
- DHCP Server
- Port forwarding

### VoIP Protocol Support

#### Includes

- SIP/RTP
- Skype™
- H.323
- Net2Phone®

#### Thin Client Support Includes

- Microsoft RDP
- Citrix®ICA

### Management and Usability

- Easy Web-based user interface
- SNMPv1/2/2c support
- Firmware and license upgradeable
- Secure remote management
- Management access levels (user, administrator)
- In-band and out-of-band management port

Model Overview	1020	1050	1100	1200	1350	1500
<b>Capacity</b>						
Users	1-20	21-50	51-100	101-200	201-350	351-500
Throughput	200 Mbps	200 Mbps	200 Mbps	200 Mbps	200 Mbps	200 Mbps
Flows	2.000	5.000	10.000	20.000	35.000	50.000
Subnets	1.000	1.000	1.000	1.000	1.000	1.000
<b>Hardware</b>						
Chassis	1U	1U	1U	1U	1U	1U
Typical power (Watts)	24	24	24	24	24	24
Dimensions (HxWxD) cm	4,3x45x26	4,3x45x26	4,3x45x26	4,3x45x26	4,3x45x26	4,3x45x26
<b>Ethernet</b>						
LAN Port	10/100	10/100	10/100	10/100	10/100	10/100
WAN Port	10/100	10/100	10/100	10/100	10/100	10/100
<b>Features</b>						
User Load Balancing	✓	✓	✓	✓	✓	✓
Dynamic QoS	✓	✓	✓	✓	✓	✓
Web Interface	✓	✓	✓	✓	✓	✓
SNMP	✓	✓	✓	✓	✓	✓
Firmware upgradeable	✓	✓	✓	✓	✓	✓

## About SmartShare Systems

SmartShare Systems is a leading and innovative supplier of WAN Optimization Appliances delivering intelligent bandwidth management products which guarantee all users a fair share of the available bandwidth, while at the same time significantly reducing delays in all IP-based traffic. This consequently improves overall quality of experience (QoE) when using IP telephony, thin clients and other SaaS-based applications. All SmartShare products are powered by SmartShare patented technologies including Dynamic QoS™ and User Load Balancing™.

With technology development started in 2004, SmartShare Systems is a privately held Danish company backed by international venture funds with channel partners globally.

**SmartShare Systems A/S**  
**Tobaksvejen 25**  
**DK-2860 Søborg**  
**Denmark**

**Tel: (+45) 70 20 00 93**  
**Fax: (+45) 70 23 92 93**  
**info@smartsharesystems.com**

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Specifications subject to change without notice.