

SmartShare FairRouter 5000 Series

The SmartShare FairRouter 5000 Series is a powerful WAN optimization appliance especially targeted for larger enterprises, hotels or housing associations where high level of scalability is required. It provides advanced bandwidth management through Dynamic QoS and User Load Balancing, guaranteeing trouble-free use of internet based voice, video and data services.

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 5000 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

5000

Capacity

Users	500-5.000 which can be acquired in 250, 500 or 1.000 IP devices bundles
Throughput	200 Mbps
Flows	50.000 - 500.000
Subnets	1.000

Hardware

Chassis	1U
Typical power (Watts)	24
Dimensions (HxWxD) cm	4,3x45x26

Ethernet

LAN Port	10/100
WAN Port	10/100

Features

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.

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Specifications subject to change without notice.