

Fusion RS-Series

Enterprise-Class Smart Gateway



Full-featured, Easily-Deployable Smart Gateway

Supporting up to 2000 simultaneous users

The **FUSION RS-Series** is a next-generation Gateway that combines the latest technologies and delivers unparalleled performance, efficiency and scalability.

Whether in Wi-Fi hotspots such as hotels, airports, convention centers, MDUs, campuses, or other venues, the **FUSION RS-Series** is a dedicated network appliance providing maximum uptime, security and reliability.

Six Network Devices in One!

The **FUSION RS-Series** simplifies your network infrastructure by replacing more than six complicated network components with one easily-managed device! Instead of having a separate Firewall, Web Server, Aggregator/Bonding Appliance, Ad Server, DHCP Server and Authentication Gateway, the versatile **FUSION RS-Series** does all of this and more!

Bandwidth Aggregation & Load Balancing

Combine multiple Internet pipelines to satisfy the ever-increasing bandwidth demand and achieve maximum utilization of each feed with the FUSION Gateway's advanced bandwidth and load balancing mechanism.

Manage Your Network Usage

The **FUSION RS-Series**' local policy enforcement rules can be combined to ensure fairness across all simultaneous users. Policy redirect triggers can isolate excessive users and modify their consumption rates in real-time. Usage quotas (defined by plan offered / selected) ensure bandwidth allocation fairness.

Advanced Advertising Engine

Have complete control over each user's web experience with advertising and premium service revenue generation:

- Dynamically-generated web pages for each user. Inject advertising, insert banners, and communicate operator service messages.
- Simplified integration of pre/post authentication captive portal advertising with integrated payload rotation.
- Redirect web requests to custom interstitial advertising templates delivered via the captive portal mechanism

PRODUCT FEATURES

- Bandwidth Tier Up-Sell
- Load Balancing
- Billing System (PMS/ CC/ Access Codes)
- Content Filtering
- Forced Web Browser Redirection with Captive Portal Web Application
- Advertising Engine
- Bandwidth Management (Throttling/ Management/Shaping/Capping)
- Bandwidth Link/Aggregation
- Failover
- Integrated captive portal
- DHCP/DNS/Radius Server
- Security (Firewall/ Filtering/ DPI/ Spam/ Anti-virus/Intrusion Detection)
- IPSEC VPN Concatenation/
- Integrated CA
- VLAN Support
- Full Spectrum Graphical Instrumentation
- Access Code or Password Credentials
- Forced Acceptance of Brand "Terms and Conditions"

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Hardware Specifications	
CPU Supported	Opteron 2.1GHz 16 Core
Ram	32GB DDR 1333 ECC
SSD Storage	480 GB SSD
LAN Details	6x 10/100/1000Mbps
Power Supply	2 400W ATX
Dimensions	20.8" x 19.0" x 3.5"
Weight	30 lbs.
Manufacturer Warranty	1 year limited

Other Licensing Limitations (see SUL based licensing)	RS1000	RS1500	RS2000
Default User License (Active Sessions)	1000	1500	2000
Max User License (Active Sessions)	2000	2000	2000
Max VLANs	1500	2250	3000
# of Managed Ips	3000	4500	6000
# of States	150000	225000	300000
Max Bandwidth (Mbps)	1000	1500	2000
# of Identities	125000	187500	250000
# of Policies	100	150	200
# of Groups	200	300	400
# of Active Authenticated Users	20	30	40
# of Managed Ips	10	15	20

FUSION Series	Height	Width	Depth	Recommended Rack Type
RS Series	2U	19"	20"	2 Post