

Fusion S-Series

Enterprise-Class Smart Gateway



Full-featured, Easily-Deployable Smart Gateway

Supporting up to 1000 simultaneous users

The **FUSION S-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 S-Series** is a dedicated network appliance providing maximum uptime, security and reliability.

Six Network Devices in One!

The **FUSION S-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 S-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 S-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	240 GB SSD
LAN Details	3x 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 Licencing Limitations (see SUL based licencing)	\$500	\$750	\$1000
Default User License (Active Sessions)	500	750	1000
Max User License (Active Sessions)	1000	1000	1000
Max VLANs	1125	2250	1500
# of Managed Ips	1500	2250	3000
# of States	75000	112500	150000
Max Bandwidth (Mbps)	500	750	1000
# of Identities	62500	93750	150000
# of Policies	50	75	100
# of Groups	100	150	200
# of Active Authenticated Users	10	15	20
# of Managed Ips	5	7.5	10

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