



High Performance *

- Up to 1 GB/sec throughput
- Up to 70,000 concurrent Layer 7 sessions
- Up to 3,000,000 concurrent Layer 4 sessions
- NAT (in-path) and Direct (Out-of-Path) Configuration
- Up to 50,000 new connections per second
- Up to 3,000,000 concurrent connections
- Ultra-fast hardware platform
- Solid-state flash memory
- Built-in proxy function

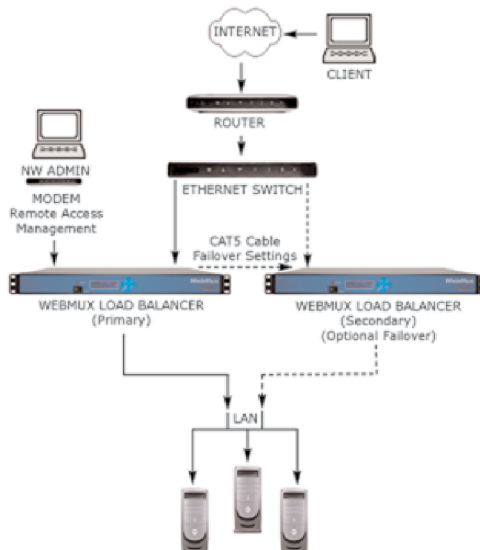
* Measurements based on NAT mode, Out-of-Path Mode will provide 10 to 100x higher performance

High Availability

- Supports Spanning Tree Protocol enabled network switches to provide redundant path (Layer 2-3)
- IP, URL and cookie based load balancing (Layer 4-7)
- Supports unlimited number of Virtual Servers
- Supports 65,532 real servers which appear as one large Virtual Server
- IP server capacity increased by load sharing
- Failed server in the farm automatically bypassed
- Built-in high-level protocol checker makes sure the Servers are healthy
- Persistent connections via a unique routing algorithms
- Burst Activity Management (BAM™) minimizes traffic overloads of UDP/DNS client requests
- Dual configuration offering automatic failover

SSL Acceleration

- 1200 Round Trip 1024 bit SSL Terminations per second (Most load balancers are based on RSA 1024 bit Operations only)
- Up to 7,000 RSA 1024 bit Operations per second (Optional CAI-RSA 7000 SSL Acceleration card required)
- 16 Active SSL certificates

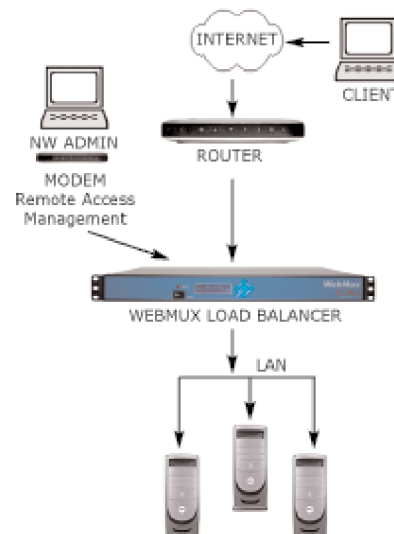


CAI Networks

WebMux™ Load Balancers

Layer 2/3/4/5/7 Traffic Management and Load Balancing with SSL Acceleration in Local Environment

The WebMux line of load balancers consist of scaleable models that provide high performance and availability as well as high value that fits a wide range of budgets. WebMux's flexibility and scalability lets you create and manage a pool of IP servers (such as Web servers, FTP servers, email servers, Microsoft® Office Live Communications Server 2005, etc.) and budget incrementally instead of making a large up-front capital outlay. WebMux Load Balancers are stand-alone, self-contained, and ready to install Network Appliances that manage IP traffic to multiple servers on 10/100/1000 Ethernet networks. Enhanced reliability and high availability of service is achieved through the use of a dedicated platform, a solid-state design, and an optimized load balancing algorithm. This approach uses minimal overhead and requires no software interaction or other resource contention. The WebMux family comes with three (3) years product warranty and three (3) years technical support.



Enhanced Security

- Passes all IP traffic and block the most common attacks pre-firewalls or servers
- Provides several firewall features to ensure the integrity of your data
- Protects your server from attackers
 - Network Address Translation (NAT and SNAT)
 - Port Mapping and default Deny any connections
 - Denial of Service (DoS) protection
 - TCP SYN protection

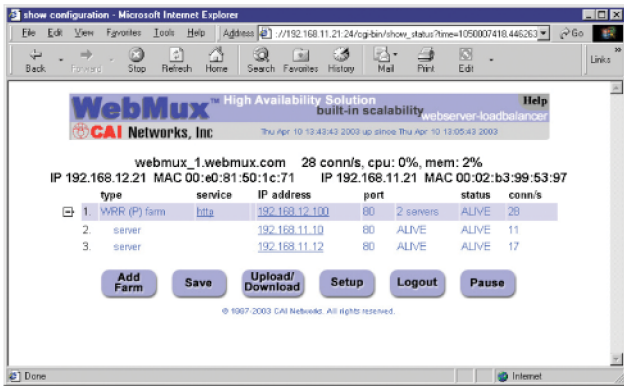
Expandable and Flexible

- Requires only one real IP address
- No limit on how many IP address can be used
- Scales to provide an easy and flexible upgrade path

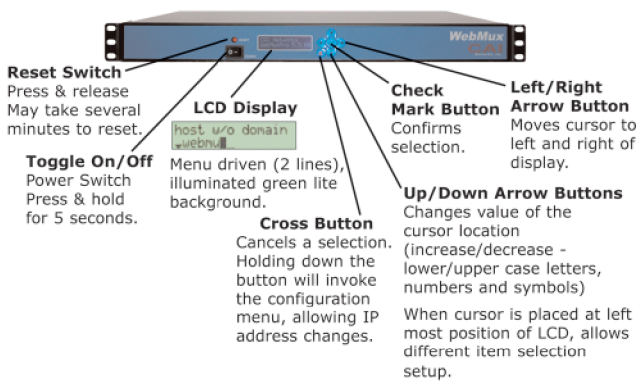
Easy Setup and Administration

- Management of the IP server pool is via a browser-based interface
- Can be configured in under 15 minutes with no training
- Remote configuration from anywhere that has secure IP connectivity
- Includes a front keypad interface and menu-driven LCD display

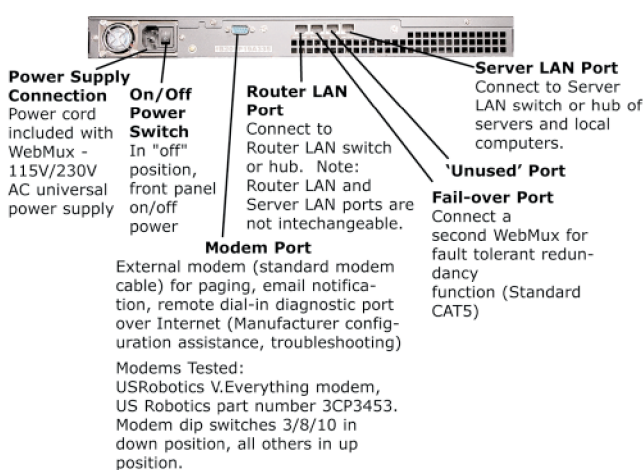
Remote Management Browser Window



WebMux Front



WebMux Back



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AVANU® is a Certified Participant
in the U.S. SBA's 8(a)/SDB
Development Program

Rev 0706a

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WebMux 480S WebMux Gig 590SG WebMux Gig 590SGX

Performance

Ethernet Speed	10/100	10/100/1000	10/100/1000
Concurrent connections (Max)	1,500,000	3,000,000	3,000,000
HTTP transactions/sec (Max)	70,000	100,000	100,000
Throughput/sec (Max)	200 MB	1 GB	1 GB
Internet Link Speed (Max)	2 x T3	1.5 x OC-12	1.5 x OC-12
Solid State Storage	Yes	Yes	Yes

SSL Acceleration Performance

1024 bit RSA Termination - Round trip (Max)	150/sec	250/sec 1200/sec* 2400/sec**	1200/sec
SSL Terminated Connection (Max)	50,000	70,000	70,000
SSL Certificates	16	16	16

Device Support

Maximum virtual servers	-----	Unlimited in all models	-----
Maximum real servers	-----	Unlimited in all models	-----
Device's role in the network	-----	Bridge or Router in all models	-----
UDP-based service support	Yes	Yes	Yes

Load Balancing Method (Layer 2/3/4/5/7)

URL based content switch	Yes	Yes	Yes
Cookie based content switch	Yes	Yes	Yes
Round-Robin	Yes	Yes	Yes
Persistent Round-Robin	Yes	Yes	Yes
Weighted Round-robin	Yes	Yes	Yes
Persistent Weighted Round-robin	Yes	Yes	Yes
Least Connections	Yes	Yes	Yes
Persistent Least Connections	Yes	Yes	Yes
Weighted Least Connections	Yes	Yes	Yes
Persistent Weighted Least Connections	Yes	Yes	Yes
TCP+UDP/IP Load Balance	Yes	Yes	Yes

Security Features

Network Address Translation (NAT)	Yes	Yes	Yes
TCP SYN protection	Yes	Yes	Yes
Address Mapping	Yes	Yes	Yes
Port Mapping	Yes	Yes	Yes
TCP DoS Protection	Yes	Yes	Yes
HTTPS/SSH	Yes	Yes	Yes
SSL support	Yes	Yes	Yes

Fault Tolerance

Server Failure Detection/Switching	Yes	Yes	Yes
ISP failure Detection/Notification	Yes	Yes	Yes
Primary Fail-over to Secondary Auto	Yes	Yes	Yes

Management

Secure web browser access	Yes	Yes	Yes
Configuration access	Yes	Yes	Yes
Persistent connections	Yes	Yes	Yes
Port mapping	Yes	Yes	Yes
Port-specific services	Yes	Yes	Yes
In service/Not in service	Yes	Yes	Yes
Phone/Pager alarms (Modem Req'd)	Yes	Yes	Yes
Email notification for events (Modem Req'd)	Yes	Yes	Yes

Service Support

Product Warranty (Parts & Labor)	3 Years	3 Years	3 Years
Technical Support (Phone/Email)	3 years	3 years	3 Years
24x7 Gold Premium	Optional	Optional	Optional
Overnight Exchange Unit	Optional	Optional	Optional
On Site Installation	Optional	Optional	Optional

Physical

Power Consumption	120w	200w	200w
115VAC Current	2.5A	3.5A	3.5A
Heat Production	350BTU/H	550BTU/H	550BTU/H
Power Requirements @50-60Hz	-----	95-130VAC or 195-235VAC	-----
Operating Temp Range	0-40°C	0-40°C	0-40°C
Rack mount chassis (19"x 14"x1.75")	1U	1U	1U
Ship Weight	20 lbs	20 lbs	21 lbs

Compliance

Part 15, FCC (US), Class B (Canada),
CE Mark (Europe)

* Optional CAI-RSA3500 SSL Acceleration Card Required

** Optional CAI-RSA7000 SSL Acceleration Card Required