

NetEnforcer AC-2500 Series

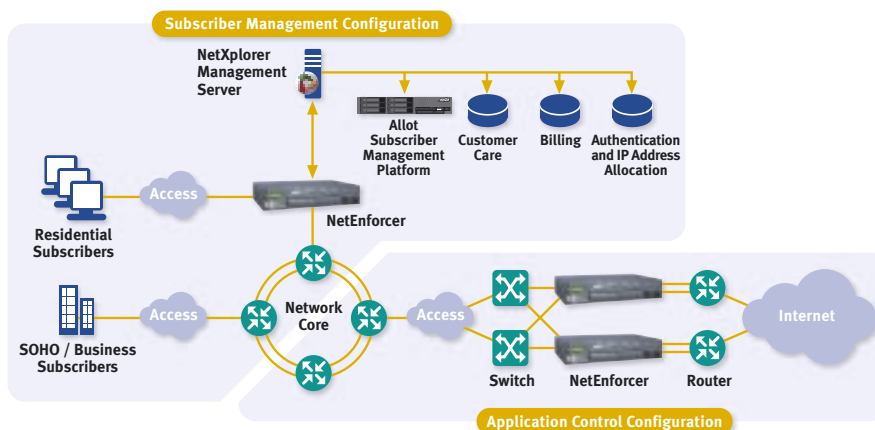
5 Gbps Bandwidth Management Devices



Allot NetEnforcer AC-2500 series is especially suitable for managing Internet traffic on high-speed Ethernet links of up to 5 Gbps. Using deep packet inspection (DPI) technology with policy-based QoS enforcement, they monitor and control network usage, optimize service delivery, and provide an unsurpassed level of visibility.

Main Features

- 4 or 8 ports support various network topologies
- Range of operation speeds - 310 Mbps and 1, 2 and 2.5 Gbps (full duplex)
- Accurate identification of hundreds of applications and protocols out-of-the-box
- Extensive signature library and DPI behavioral recognition capabilities for accurate classification and control of different P2P, VoIP, streaming, gaming, and other Internet applications
- Managed by Allot NetXplorer management system, providing centralized reporting, provisioning, alerting and policy-based control of broadband services.
- Fully integrated with Allot Subscriber Management Platform (SMP) for accurate application control per subscriber
- Policy-based redirection of specific IP flows to VAS applications and captive portals
- Continuous traffic monitoring for fast troubleshooting, usage tracking and capacity planning
- Easy upgrade to higher speeds and richer QoS policies using the same platform
- Proactive, early-warning mechanisms providing administrators with automatic alarms concerning network events and the ability to trigger corrective actions
- Policy-based control of connections protects against denial of service attacks; additional security network solutions provided through integration with Allot ServiceProtector
- Fail-safe performance with external hardware bypass and full redundancy schemes



Specifications

The NetEnforcer AC-2500 series is available in two models serving a range of network configurations and needs.

	AC-2520	AC-2540
Capacity		
Number of Connections/Flows	2,000,000 / 4,000,000	
Throughput	5 Gbps (2.5 Gbps, Full Duplex)	
Pipes/Virtual Channels	40,000 / 80,000	40,000 / 80,000
No. of Subscribers	160,000	
Interfaces and Connections		
Management Interface	10/100BASE-T	
Network Interfaces (Internal / External)	4 x 1000BASE-T/SX/LX	8 x 1000BASE-T/SX/LX
Console Port	Serial, RJ-45 Connector	
Deep Packet Inspection (DPI) (Typical Examples)		
P2P Protocols	Including BitTorrent, Gnutella, Ares, eDonkey, Warez, Winny, Kazaa	
VoIP Protocols	Including Skype, H.323, SIP, RTP, Net2Phone, Vonage	
Gaming Protocols	Including World of Warcraft, QQ Games, LineAge, Yahoo Games	
Instant Messaging/Chat	Including AOL, Yahoo, MSN, QQ, IRC, ICQ	
Web/Streaming Application Protocols	Including YouTube, DivX WebPlayer, SlingBox, Joost, Yahoo Video	
Traffic Encapsulation Protocols	Including L2TP, MPLS, PPPoE	
Product Options		
Monitoring	Yes	Yes
QoS Enforcement Levels	1 and 2 Gbps (Full Duplex)	310 Mbps and 1/2.5 Gbps (Full Duplex)
Policy Levels (Pipes/VCs)	4,000/8,000 ; 20,000/40,000 ; 40,000/80,000	
Redundancy	Serial, parallel and active (1:1, 1+1)	
Management		
NetXplorer Centralized Management	Yes	
NetXplorer Reporter	Yes	
Dimensions		
Size	Standard 2U by 19" rack mount	
Weight	9.1 kg (20 lb)	
Bypass Unit	External, 1U, 19" rack mount	
Power		
Input (AC/DC)	100 to 240 VAC ; -48 VDC	
Power Supply Units	2 (Load Sharing)	
Redundancy for PSUs	1 + 1	
Power Consumption	90W	100W
Heat Dissipation	307 BTU/hour	341 BTU/hour
Safety and Certifications		
Safety	UL 60950-1/ CSA CS22.2 60950 (ITE) EN 60950-1 ITE	
Emission	EN 55024:1994; A1:2001; A2:2003 Immunity for ITE EN 61000-3-2:2001 Harmonic Emissions EN 61000-3-3:1995; A1:2000 Voltage Fluctuations EN 55022:1998; A1:2000; A2:2003 Emissions for ITE VCCI FCC Part 15, Sub-Part B	

About Allot Communications

Allot Communications (NASDAQ: ALLT) is a leading provider of intelligent IP service optimization solutions for DSL, wireless and mobile broadband carriers, service providers, and enterprises. Allot's rich portfolio of hardware platforms and software applications utilizes deep packet inspection (DPI) technology to transform broadband pipes into smart networks that can rapidly and efficiently deploy value added Internet services. Allot's scalable, carrier-grade solutions provide the visibility, security, application control and subscriber management that are vital to managing Internet service delivery, guaranteeing quality of experience (QoE), containing operating costs, and maximizing revenue in broadband networks.

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