

NetEnforcer AC-800 Series

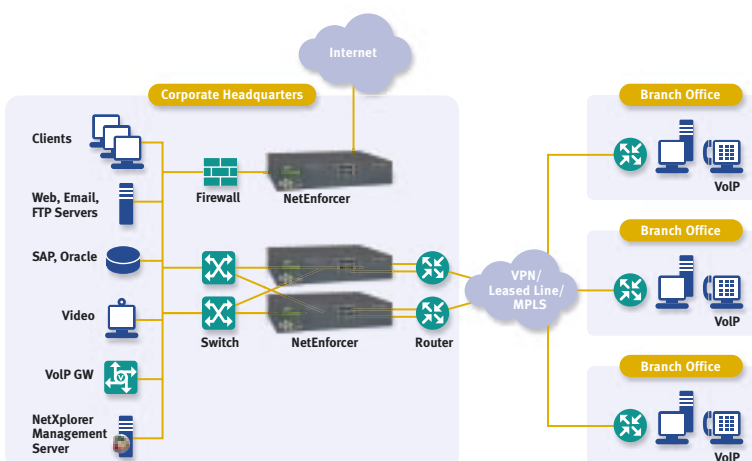
620 Mbps Bandwidth Management Devices



Allot NetEnforcer AC-800 series is especially suitable for managing Internet traffic on Ethernet links of up to 620 Mbps. 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

- 2, 4 or 8 ports support various network topologies
- Range of operation speeds - 45, 100, 155 and 310 Mbps (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
- Three levels of QoS policies: lines, pipes and virtual channels
- Flexible prioritization, QoS policy definition, traffic shaping and bandwidth allocation capabilities
- Continuous traffic monitoring for fast troubleshooting, usage tracking and capacity planning
- Proactive, early-warning mechanisms providing administrators with automatic alarms concerning network events and the ability to trigger corrective actions
- Easy upgrade to higher speeds and richer policies using the same platform
- Policy-based control of connections protects against security threats such as denial of service attacks and outgoing spam
- Fail-safe performance with external hardware bypass and full redundancy schemes



Specifications

The NetEnforcer AC-800 series is available in three models serving a range of network configurations and needs.

	AC-802	AC-804	AC-808
Capacity			
Number of Connections/Flows	256,000 / 512,000		
Throughput	620 Mbps (310 Mbps, Full Duplex)		
Lines/Pipes/Virtual Channels	256 / 4,096 / 28,672		
Interfaces and Connections			
Management Interface	10/100/1000BASE-T		
Network Interfaces (Internal / External)	2 x 10/100/1000BASE-T or 2 x 1000BASE-SX/LX (5KM)	4 x 10/100/1000BASE-T or 4 x 1000BASE-SX/LX (5KM)	8 x 10/100/1000BASE-T or 8 x 1000BASE-SX/LX (5KM)
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 Google Talk, AOL, Yahoo, MSN, QQ, IRC, ICQ		
Web/Streaming Application Protocols	Including YouTube, DivX WebPlayer, SlingBox, Joost, Yahoo Video		
Business Application Protocols	Including SMTP, Oracle, Lotus-Notes, SAP, Citrix		
Product Options			
Monitoring Only	Yes	Yes	Yes
QoS Enforcement Levels	45, 100, 155 and 310 Mbps (Full Duplex)		
Policy Levels (Lines/Pipes/VCs)	256/2,048/8,192 ; 256/3,072/16,384 ; 256/4,096/28,672		
Redundancy	Serial and parallel (1:1)	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	13.7 kg (30.2 lb)		
Bypass Unit	External, 1U, 19" rack mount		
Power			
Input (AC/DC)	100 to 240 VAC ; -36 to -72 VDC		
Power Supply Units	3 (Load Sharing)		
Redundancy for PSUs	2 + 1		
Power Consumption	118W	124W	130W
Heat Dissipation	403 BTU/hour	423.5 BTU/hour	444 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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