

# NetEnforcer AC-400 Series

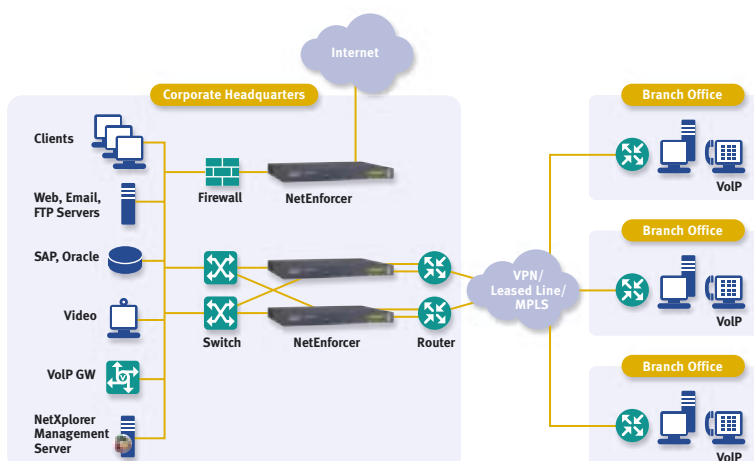
200 Mbps Bandwidth Management Devices



Allot NetEnforcer AC-400 series is especially suitable for managing Internet traffic on Ethernet links of up to 200 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 or 4 ports support various network topologies
- Range of operation speeds - 2, 6, 10, 45 and 100 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 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 internal hardware bypass and full redundancy schemes



# Specifications

The NetEnforcer AC-400 series is available in two models serving a range of network configurations and needs.

	AC-402	AC-404
<b>Capacity</b>		
Number of Connections/Flows	96,000 / 192,000	
Throughput	200 Mbps (100 Mbps, Full Duplex)	
Lines/Pipes/Virtual Channels	256 / 1,024 / 4,096	
<b>Interfaces and Connections</b>		
Management Interface	10 / 100BASE-T	
Network Interfaces (Internal / External)	2 x 10/100BASE-T	2 x 10/100BASE-T 2 x 10/100/1000BASE-T
Console Port	Serial, RJ-45 Connector	
<b>Deep Packet Inspection (DPI) (Typical Examples)</b>		
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	
<b>Product Options</b>		
Monitoring Only	Yes	Yes
QoS Enforcement Levels	2, 6, 10, 45 and 100 Mbps (Full Duplex)	
Policy Levels (Lines/Pipes/VCs)	256 / 1,024 / 4,096	
Redundancy	Parallel (1:1)	Parallel and Active (1:1, 1+1)
<b>Management</b>		
NetXplorer Centralized Management	Yes	
NetXplorer Reporter	Yes	
<b>Dimensions</b>		
Size	Standard 1U by 19" rack mount	
Weight	5.50 kg (12.1 lb)	
Bypass Unit	Internal	
<b>Power</b>		
Input (AC/DC)	100 to 240 VAC	
Power Consumption	70W	75W
Heat Dissipation	239 BTU/hour	256 BTU/hour
<b>Safety and Certifications</b>		
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.

[www.allot.com](http://www.allot.com) [info@allot.com](mailto:info@allot.com)

- **Americas:** 7664 Golden Triangle Drive, Eden Prairie, MN 55344 USA · Tel: (952) 944-3100 · Toll free: (877) 255-6826 · Fax: (952) 944-3555
- **Europe:** NCI – Les Centres d'Affaires Village d'Entreprises 'Green Side', 400 Avenue Roumanille, BP309, 06906 Sophia Antipolis Cedex, France · Tel: 33 (0) 4-93-001167 · Fax: 33 (0) 4-93-001165
- **Asia Pacific:** 6, Ubi Road 1, Wintech Centre 6-12, Singapore 408726 · Tel: 65 6841-3020 Fax: 65 6747-9173
- **Japan:** Puri-zaido Ochanomizu 301, 4-2-3 Kanda Surugadai, Chiyoda-ku, Tokyo 101-0062 · Tel: 81 (3) 5297-7668 · Fax: 81(3) 5297-7669 · [www.allot.co.jp](http://www.allot.co.jp)
- **Middle East and Africa:** 22 Hanagar Street, Industrial Zone B, Hod-Hasharon, 45240, Israel · Tel: 972 (9) 761-9200 · Fax: 972 (9) 744-3626

