

Allot Products



Building innovative solutions for the Digital Lifestyle

Allot Communications is a leading global provider of intelligent broadband solutions that put mobile, fixed and enterprise networks at the center of the digital lifestyle. The company's rich portfolio of high-performance products and integrated solutions empower network operators to shape digital lifestyle experiences and to capitalize on the network traffic they generate.

Allot products utilize open architecture and standard interfaces, allowing us to collaborate with leading solution providers and a growing cadre of service vendors in the digital lifestyle ecosystem. Allot products and solutions are backed by a global support organization with technical experts in all regions providing 24/7 coverage. As a result, we deliver tangible results and create real value for our customers around the world.

High-Performance Platforms

Allot Service Gateway




Allot Service Gateway integrates network intelligence, policy enforcement and revenue-generating services in a scalable, carrier-class platform designed for fixed, mobile (3G/4G/LTE) and converged broadband networks. Allot Service Gateway accurately identifies subscriber traffic in real time at speeds up to 160Gbps, and acts upon that information to optimize bandwidth utilization, enforce QoS policy, and to steer traffic to digital lifestyle services deployed within or outside the platform. As the focal point for service enablement, Allot Service Gateway allows service providers to reduce operating costs and drive new revenue by delivering the personalized service and quality of experience that the digital lifestyle demands.



Allot Service Gateway	Sigma	Sigma E6	Sigma E14
Chassis	14 slots	6 slots	14 slots
Throughput per Platform	Up to 60 Gbps	Up to 64 Gbps	Up to 160 Gbps
Throughput per Cluster	Up to 360 Gbps	Up to 360 Gbps	Up to 1 Terabit/sec
Network Port Density	Up to 8 x 10GE or 16 x 1GE ports	Up to 8 x 10GE or 32 x 1GE ports	Up to 16 x 10GE or 32 x 1GE ports
Number of Subscribers	1,600,000	3,200,000	8,000,000
Max Connections / Flows	20M / 40M	20M / 40M	50M / 100M
Traffic Steering	Real-time redirection to services hosted on hot-swappable blades in the platform or deployed externally		
Data Collection	Collection and export of data, session, and usage records to billing and analytics systems		
Tethering Detection	Real-time identification of data sessions tethered to a mobile device and enforcement of operator's tethering policy		
Carrier Class Platform	ATCA chassis/blades; high-availability with automatic failover; blade redundancy		
Investment Protection	Upgrade with re-use of chassis/blades		

Allot NetEnforcer®

Allot NetEnforcer bandwidth management devices monitor and manage network traffic per application and per subscriber, enabling intelligent optimization of broadband and WAN services. With full duplex speeds ranging from 10Mbps to 8Gbps, these devices provide essential visibility policy enforcement, and traffic steering to added-value services in a wide range of service provider and enterprise networks.

Allot NetEnforcer	AC-500	AC-1400 / AC-3000	AC-6000
			
Full Duplex Throughput	From 10 to 200 Mbps	From 50 Mbps to 4 Gbps	From 2 Gbps to 8 Gbps
Network Port Density	2 or 4 x 10/100/1000BASE-T	8 x 10/100/1GE SX/LX/ ZX Copper	8 x 1GE SX/LX/ ZX, Copper and 8 x 10GE/1GE SR, LR, ER
Max Connections / Flows	256,000 / 512,000	2M / 4M	5M / 10M
Number of Subscribers	20,000	160,000	400,000
Traffic Steering	4 x 10/100/1GE Copper ports for steering to external service systems		Any port may be utilized for redundancy or steering

Digital Lifestyle Services

Allot's growing portfolio of digital lifestyle services operate seamlessly with Allot in-line platforms and centralized management system, opening the door to wealth of new business opportunity for service providers and enterprises.

Subscriber Management Platform

Allot Subscriber Management Platform (SMP) drives the centralized creation, provisioning and charging of subscriber services, including tiered and usage-based data plans which are the key to personalizing digital lifestyle offerings and maximizing average revenue per user. Allot SMP allows subscriber traffic to be managed across converged access networks and when offloading to WiFi hotspots. Modular licensing provides flexible and scalable management for any number of subscribers.

- **Allot TierManager:** Provisioning and management of differentiated services and tiered service plans that are tailored to subscriber preferences.
- **Allot QuotaManager:** Provisioning and management of usage allowances/caps, with real-time metering of service consumption and dynamic enforcement of quota limits and overage policy.
- **Allot ChargeSmart:** Enables real-time, pay-for-use charging based on individual consumption of data and applications. Integrates seamlessly in 3G and 4G mobile networks and orchestrates the charging process via standard 3GPP interfaces (Diameter Gx, Sd, Gy, Gz).

Analytics Services

Turn traffic data into meaningful information that drives smart business decisions.

- **Allot Proactive Analytics:** Performs in-depth analysis of Web and subscriber usage records collected by Allot in-line platforms together with individual demographics and profile data supplied by operator systems.
- **Allot Data Mediator:** Provides high-performance collection, storage, aggregation and export of usage, session and charging records to Allot Proactive Analytics system or to any other analytics system.

Video Services

Capitalize on the ever-growing volume of over-the-top video traffic are driven by Allot's media caching and video optimization platforms.

- **Allot MediaSwift E:** Comprehensive caching and content delivery system for OTT video, peer-to-peer (P2P) and other applications. Relieves the video burden on the network and improves quality of experience for users.
- **Allot VideoClass:** Optimizes over-the-top video content and delivery to ensure highly efficient utilization of mobile RAN resources and consistently great quality of experience for video viewers.

Security Services

Protect network service integrity and brand reputation with Allot security services.

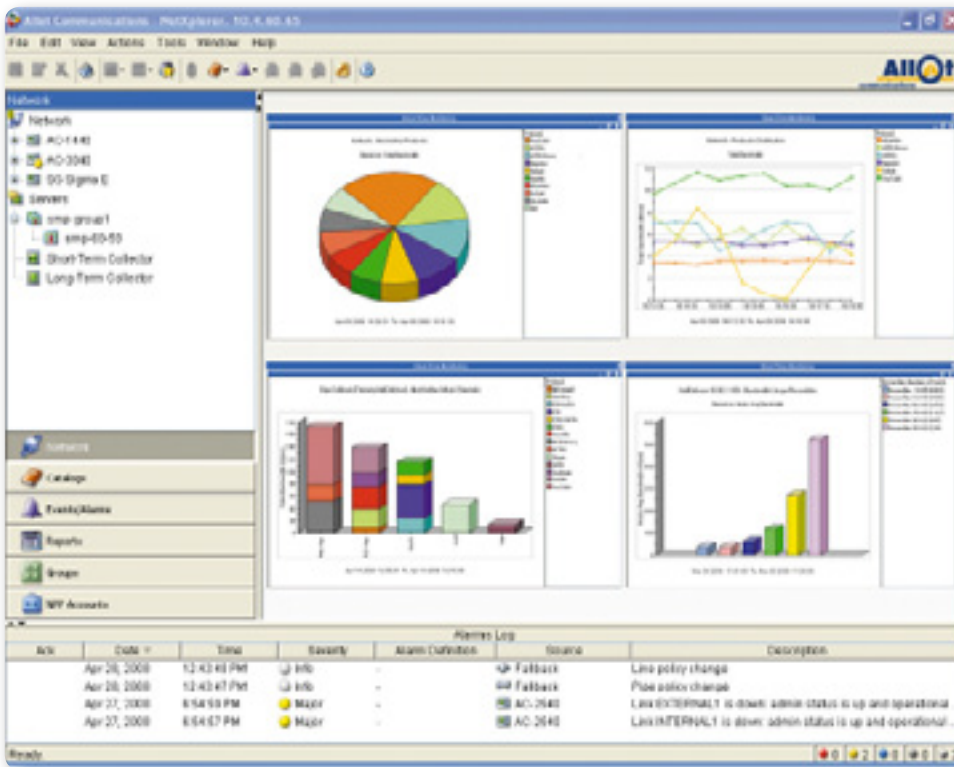
- **Allot WebSafe:** URL filtering service that blocks blacklisted content and enables access control to objectionable content on the Internet.
- **Allot ServiceProtector:** Attack detection and mitigation service that protects commercial networks against Denial of Service (DoS/DDoS) attacks, Zero Day attacks, worms, zombie and spambot behavior.

Centralized Management

Allot NetXplorer

Allot NetXplorer is the management umbrella for Allot devices, platforms and services, providing a central vantage point for network-wide monitoring, reporting, analytics, troubleshooting, accounting, and QoS policy provisioning. Its intuitive dashboard GUI paints a consolidated picture of application, user, device, and network topology traffic, while its wide variety of reports enable easy drill-down to the most granular traffic data.

- **NetXplorer Analytics and Reporting:** Real-time reporting provides 30-second accuracy for timely troubleshooting and resolution of customer care issues, while historical traffic statistics facilitate analysis of usage trends and user behavior.
- **NetXplorer Data Collector:** Supports growing and large-scale deployments through distributed data collection and storage.
- **NetAccounting Server:** Aggregates network-wide usage statistics and exports the data to external accounting systems in standard formats.
- **NetPolicy Provisioner:** Provides a virtual “bandwidth management device” for self-monitoring and self-provisioning by operator’s VPN, ISP and managed services customers



Allot NetXplorer Dashboard GUI

About Allot Communications

Allot Communications Ltd. (NASDAQ, TASE: ALLT) is a leading global provider of intelligent broadband solutions that put mobile, fixed and enterprise networks at the center of the digital lifestyle. Allot's DPI-based solutions identify and leverage the business intelligence in data networks, empowering operators to shape digital lifestyle experiences and to capitalize on the network traffic they generate. Allot's unique blend of innovative technology, proven know-how and collaborative approach to industry standards and partnerships enables service providers worldwide to elevate their role in the digital lifestyle ecosystem and to open the door to a wealth of new business opportunities. For more information, please visit www.allot.com

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