

Allot Application Control Gateway

Gain Visibility and Control over your applications and network, with a low TCO

Whether you are a small business with no IT expertise, a growing mid-size business, or running a big enterprise with distributed branches and offices – intelligent insight and control of your applications and user behavior is fundamental for your business success and reputation.

The Allot Application Control Gateway (ACG) is the next generation in application and network management. It is a powerful device that unifies advanced management, ML & AI analytics capabilities, and network control capabilities based on Allot Dynamic Actionable Recognition Technology (DART).

Allot ACG enables you to control application performance to meet your business priorities, with a low TCO.



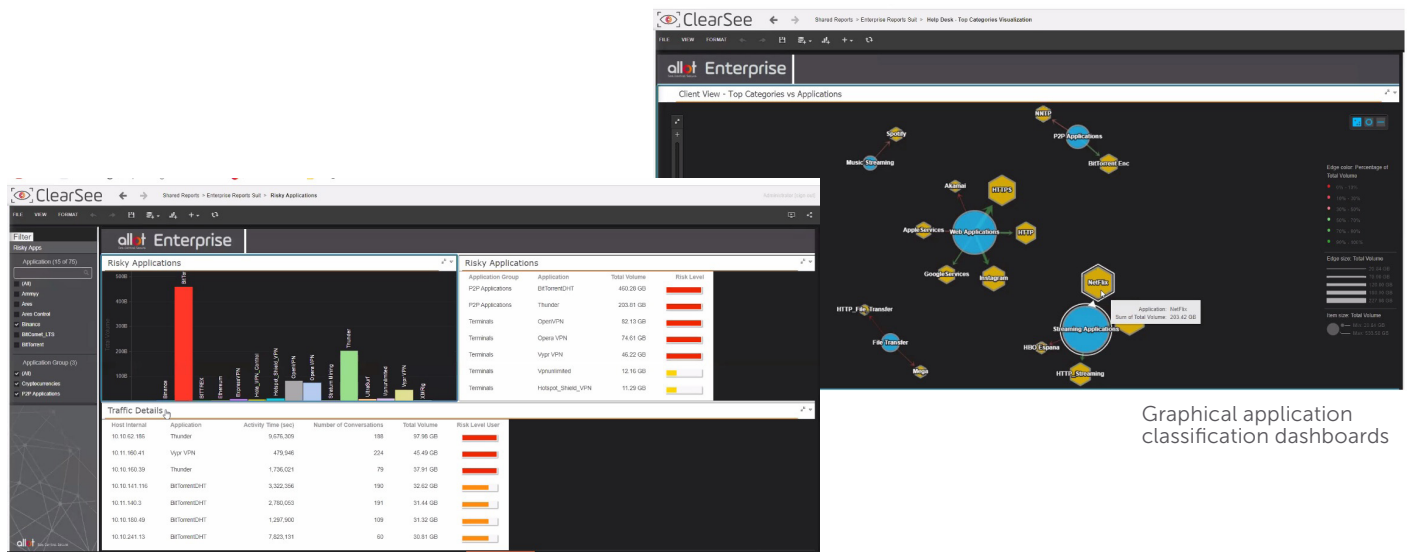
With an intuitive UI and built-in management capabilities, it lets you save your IT resources and quickly and easily configure policies to ensure business-critical applications receive top priority.

Key capabilities

- Complete visibility of all traffic and security events with customizable usage and event analytics dashboards
- Valuable network intelligence to identify and manage business applications over recreational, shadow-IT, and other unsanctioned applications
- Granular traffic control: The Allot Dynamic Actionable Recognition Technology (DART) engine, embedded in the platform, inspects every single packet and classifies traffic per application, user, IP address, location, and by any static or dynamic policy element
- Automate host and network Behavior Anomaly Detection across your entire network
- Identify network issues accurately and rapidly with real-time monitoring and reporting dashboards, and easy drill-down to the most granular traffic and threat data
- Simple policy toolkit for mapping Quality of Service (QoS), steering, mitigation, and filtering policies to complex data center and cloud topologies.
- Intuitive and easy to use UI for DIY deployment, regular use, and maintenance

Advanced Network Analytics for a Greater Understanding of Usage and Behavior

Allot's reporting and analytics dashboards turn your network data into meaningful information for the decision-makers in your organization. Real-time monitoring, usage metrics, QoE, and online behavior dashboards help you visualize application, user, and endpoint traffic, analyze their impact on network performance, and rapidly troubleshoot issues. Dashboard reports are interrelated and interactive. Drilling down, or changing the data fields of one report, instantly updates and refreshes the display of the other reports in the dashboard. It's easy to customize dashboard views, so the data you want is always at your fingertips. To share reports with others in your organization, you can schedule reports for automatic generation and distribution in PDF, HTML, XML, and CSV formats.



Graphical application classification dashboards

Risky application dashboards

Granular Traffic Control

The Allot Application Control Gateway allows you to virtually partition LAN, WAN, and Internet resources so that users and applications no longer compete with one another for bandwidth and Quality of Service (QoS).

The highly granular visibility provided by Allot allows you to act with the same level of granularity to maintain optimal network efficiency and high application performance. Powerful policy tools and intuitive UI help you define and enforce Acceptable Use Policy and prioritize applications that are critical to your business. For example, to improve user experience, you can dedicate minimum bandwidth to

collaboration applications or prioritize real-time point-of-sale and inventory transactions over non-essential traffic. Likewise, you can block access to shadow IT or limit the use of recreational apps that could impact network and data security.

Key control capabilities include:

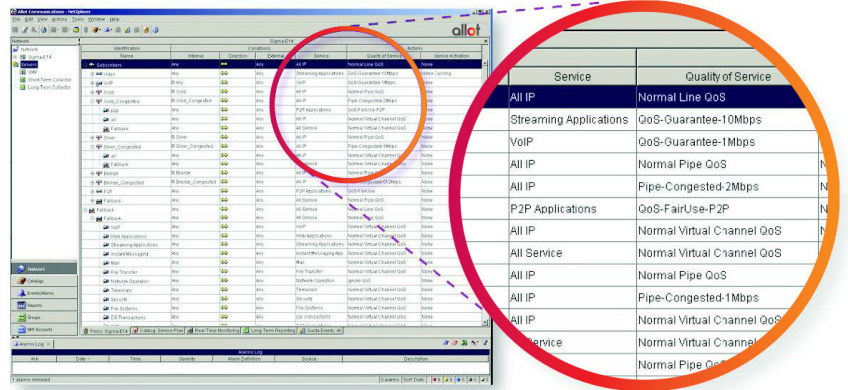
- QoS policy management
- Supporting hundreds of thousands of dynamic traffic policies
- Threshold-based enforcement (e.g., CER, live connections)
- Actionable alarms: you can block access to shadow IT or limit the use of recreational apps that could impact network and data security.

Dynamic Actionable Recognition Technology (DART)

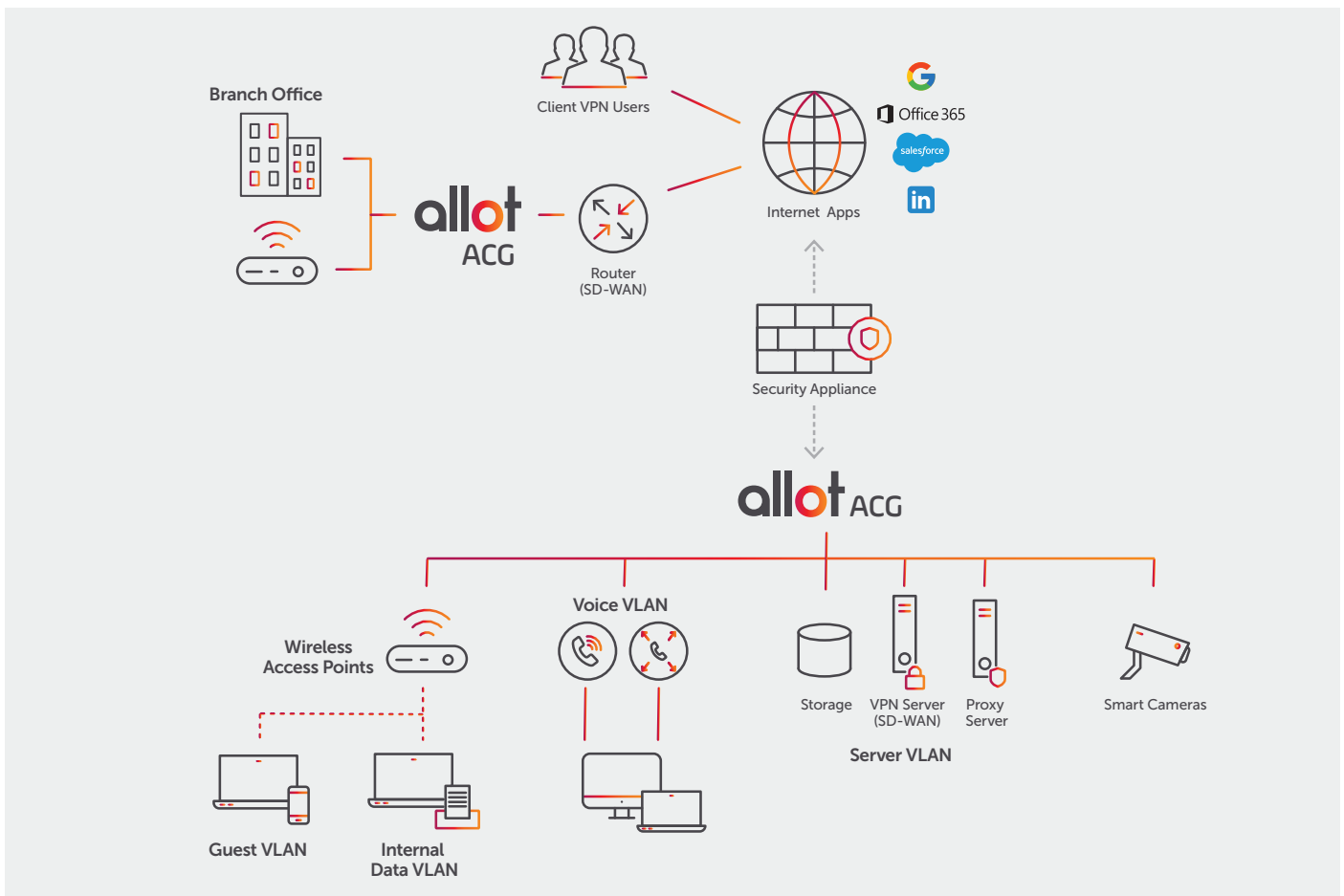
Allot's DART engine, embedded in the platform, inspects every single packet and classifies traffic per application, user, IP address, location, and by any static or dynamic policy element you define. Allot's extensive signature library identifies thousands of web applications and protocols and also supports user-defined signatures. Automated DART protocol pack updates from the Allot cloud keep your deployment up to date with the latest application and web developments to ensure accurate traffic classification.

Powerful Policy Control

Allot's Enforcement Policy Editor allows you to define traffic-management policies that link network and application performance to business goals and user expectations. An intuitive, hierarchical framework makes it easy to define dynamic QoS enforcement policies that will be triggered automatically as traffic conditions change. A policy may include any combination of access, priority, bandwidth allocation, shaping, steering, and blocking actions to be applied to application and user traffic.



Enforcement Policy Editor



Allot ACG architecture with SMB/SME/Enterprise remote office ecosystem

Benefits

- Low TCO application control:**
 Saving of IT resources through intuitive and easy-to-use UI, which allows DIY deployment and ongoing use of the system
- Protects Business Reputation:**
 Ensures business critical applications receive top priority
- Minimize revenue loss, due to network down time:**
 RT trouble shooting of network and applications issues and rapid identification of behavioral anomalies in your network and servers in seconds
- Empower your IT experts:**
 The Allot ACG gives your IT team significant insight and intelligence into your applications and network, all in one appliance

Allot Application Control Gateway

The Allot Application Control Gateway is available pre-installed on a 1U server appliance.

Allot Application Control Gateway

Maximum Capacity*	
Throughput	2Gbps
IP Flows	4 million
Traffic Control Policies: Lines / Pipes / Virtual Channels	512/40,000/80,000
System Interfaces	
Network I/O ports (with Bypass Capacity)	4x1GE/10GE (SFP+)
Network Interfaces	10GBASE-SR/LR 1GBASE-LX/SX (Dual rate) Copper
Management	2 x 1GE Copper iLO (RJ45)
Availability	
External Bypass	Independent, passive bypass unit. All units are 1U 19" rack mount.
HD Multi-Port Bypass Units	8-port unit 2.44kg (5.38lb)
Management	Active-Standby HA on management ports
Capacity*	
Number of Hosts/Employees	2,000
Data Retention	Real-time: 5-minute data: 12 hours Hourly data: 31 days Daily data: 62 days Monthly data: 12 months
Dimensions	
Appliance form factor	Standard 1U by 19" rack mount
Size (L x W x H)	69.85cm (27.5") x 43.47cm (17.11") x 4.32cm (1.7")
Weight (max)	15.31 kg (33.3 lb)
Power	
Input	100-127 VAC / 200-240 VAC
Number of PSUs	2
PSU Redundancy	1+1
Total Output Power	800W
Heat Dissipation	3207 BTU/hour (maximum)
Operating Environment	
Temperature	10° to 35°C (50° to 95°F) at sea level
Humidity	8% to 90% relative humidity
Altitude	3050 m (10,000 ft)
Regulations and Safety	
FCC Rating	Class A
Safety	EN 60950-1; IEC 60950-1
EMC (Electromagnetic Compliance)	AS/NZS CISPR 22; EN55022; EN55024; FCC CFR 47, Pt 15; ICES-003; CNS13438; GB9254, K22;K24; 61000-3-2; EN 61000-3-3

* Actual throughput and performance metrics depend on enabled features, policy configuration, traffic mix, and other deployment characteristics.