ServiceProtector

Your First Line of Network Defense Against Cyber Threats

Allot ServiceProtector protects your data network against the increasing scale and complexity of inbound and outbound cyber attacks that are designed to flood your network and disrupt service availability. Mobile, fixed and cloud service providers around the world rely on Allot ServiceProtector to surgically mitigate volumetric DoS/DDoS attacks and neutralize outgoing threats before they are able to impact network service and business continuity.

Benefits

Real-time protection and mitigation

- Defend against the largest volumetric attacks with mitigation bandwidth of Terabits per second
- Stop DDoS attacks at carrier backbone or network edge - far from your users
- Mitigate inline without diverting massive data volumes to cloud scrubbing centers

Visibility and root cause intelligence

- Gain real-time visibility into attackers and their targets in your network
- Detailed reporting and threat analytics from a central console
- Treat the root cause of infected endpoints so they can be stopped without affecting others
- Eliminate spammer abuse complaints and appearance on blacklists

Flexibility and cost savings

- Drive efficiencies with on-premise, cloud, or hybrid deployment
- Lower operational overhead through automated mitigation of internal spammers
- Accelerate ROI through full integration in Allot Service Gateway

Allot
communications

Real-time DDoS Protection

Allot ServiceProtector helps you detect and surgically block Denial of Service (DoS/DDoS) attacks within seconds, before they are able to threaten or disrupt your network service. Advanced Network Behavior Anomaly Detection (NBAD) technology identifies volumetric attacks by the anomalies they cause in the normally time-invariant behavior of Layer 3 and Layer 4 packet rate statistics. Allot inspects every packet on your network to ensure that no threat goes undetected. Dynamic creation of filtering rules and surgical filtering of attack packets avoids over-blocking and allows legitimate traffic to flow unimpeded, keeping your business online and protected at all times.

Outgoing Threat Protection

Allot ServiceProtector automatically detects and blocks outgoing spam, worm propagation, and port scanning traffic generated by bot-infected users, so you can prevent network blacklisting and eliminate additional traffic load on your network. Advanced Host Behavior Anomaly Detection (HBAD) technology identifies host infection and abusive behavior according to abnormal outbound connection activity and malicious connection patterns, enabling you to treat the root cause of the threat as well as the symptoms.

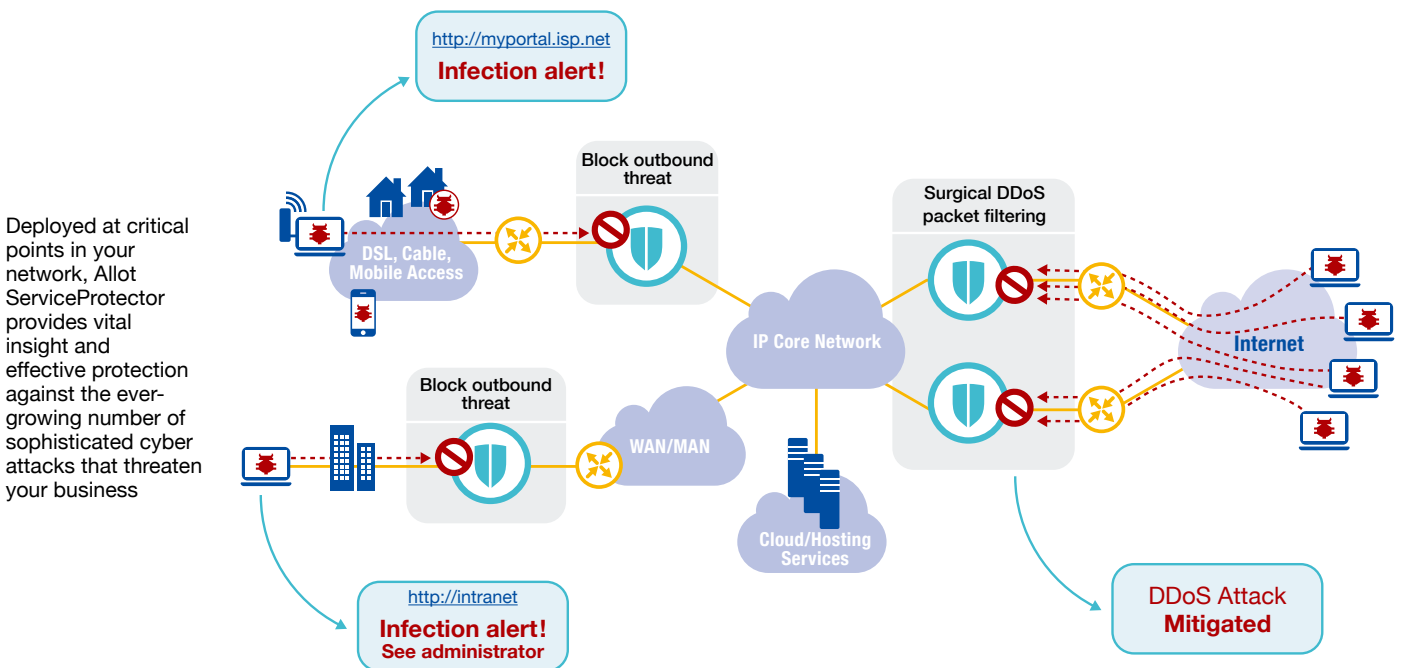## Threat Visibility and Reporting

Real-time alerts notify you when a threat is detected and when it has been mitigated. Infected devices may also receive notification. Allot ServiceProtector supplies detailed and customizable attack-mitigation logs, event analytics, host infection analytics, and trend/distribution reports to support your security planning, threat management and operational decisions. A unified management console monitors network and user activity and manages threat protection across your entire network.

Scalable Performance

Allot ServiceProtector operates within a unified framework for service delivery, security, and monetization, powered by Allot Service Gateway and Allot NetEnforcer platforms and providing scalable performance to defend against the largest volumetric attacks with mitigation bandwidth of Terabits per second.

Flexible Deployment

Allot supports on-premise, cloud, hybrid, and virtual deployments so you get the security solution that best fits your network and efficiency requirements.

Deployed at critical points in your network, Allot ServiceProtector provides vital insight and effective protection against the ever-growing number of sophisticated cyber attacks that threaten your business

http://myportal.isp.net
Infection alert!

Block outbound threat

Surgical DDoS packet filtering

DSL, Cable, Mobile Access

IP Core Network

Internet

Block outbound threat

WAN/MAN

Cloud/Hosting Services

http://intranet
Infection alert!
See administrator

DDoS Attack
Mitigated

ⓘ About Allot Communications

Allot Communications Ltd. (NASDAQ, TASE: ALLT) empowers service providers to monetize and optimize their networks, enterprises to enhance productivity and consumers to enjoy an always-on digital lifestyle. Allot's advanced DPI-based broadband solutions identify and leverage network intelligence to analyze, protect, improve and monetize mobile, fixed and cloud service delivery and user experience. Allot's unique blend of innovative technology, proven know-how and collaborative approach to industry standards and partnerships enables network operators worldwide to elevate their role in the digital lifestyle ecosystem and to open the door to a wealth of new business opportunities.

www.allot.com   info@allot.com

Allot
communications