

Allot Solutions for Service Providers

Allot Network Intelligence and Security Solutions

Once you can see, control, and secure all the traffic on your network, you will be able to craft the service plans your customers require, to deliver the Quality of Experience (QoE) they expect, and to protect them and your business from the growing menace of cyber threats. Service providers around the world rely on allot network intelligence and security solutions to drive service innovation, secure their customers, generate new revenue, and stay ahead of the competition.

allot Smart NW
Making Your Network Smart

Allot Smart is a suite of network intelligence solutions powered by state-of-the-art DPI technology. Allot Smart delivers inline, highly granular insight into network, application, user, device, and security data. It empowers Communications Service Providers (CSPs) to optimize, innovate, and capitalize on every opportunity and cost-effectively deliver the highest QoE to their customers.

Network Visibility

When you truly know what's happening in your network, you can make better business decisions. Allot provides you with complete visibility of all application and user traffic in granular detail, viewed through built-in dashboards or customized reports that you create on demand.

Traffic Management

Your brand is built on consistent customer Quality of Experience. Allot solutions enable intelligent and automated control of subscriber QoE – minimizing congestion and removing DDoS traffic. As a result, you save significantly on infrastructure costs, while delivering your network's best QoE – every time, everywhere.

Policy & Charging Control

Maximize customer lifetime value by leveraging application-based and usage-based data plans that cater to the unique and dynamic requirements of prepaid, postpaid, business, and IoT customers. Integrate seamlessly with authentication, provisioning and charging systems to ensure rapid service rollout and quick time-to-revenue.

Regulatory Compliance

Your communications network is subject to a wide range of regulations that require timely and firm compliance. With the power to inspect all traffic on your network, and to forward and filter, Allot enables you to successfully navigate the changing regulatory landscape. Increased cyberthreats have made regulatory compliance a mission-critical requirement for national authorities and CSPs.

allot Secure NW
Keeping Your Customers Safe

Allot Secure enables mobile, fixed, and converged network operators to cybersecure their customers at home, at work and on the go. By merging Customer Premises Equipment (CPE) client and network-based security into a unified, CSP-branded service, the customer enjoys a seamless, personalized experience that protects both IoT and end-user devices.

Mobile Security Service

With the growing proliferation of smart mobile devices, users are looking for peace of mind on every handset, on any network. CSPs can deliver effective, network-based mobile security to the mass market while generating significant revenue.

Home Security Service

Leverage existing customer relationships and network assets to deliver IoT cybersecurity services for the connected home. Our solutions employ machine learning to identify and profile every device within the home and apply device-specific parental and security controls in addition to CPE protection.

SMB Security Service

Increase connectivity revenue by 10-15% by leveraging existing Customer Premise Equipment (CPE) to deliver security services that protect the critical IoT and connected devices of your SMB customers. Allot BusinessSecure guarantees a simple, reliable and secure network for the connected business.

IoT Security

Enable your enterprise customers to confidently deploy and grow their mobile IoT services with revenue-generating IoT security services. IoTSecure is a multi-tenant, network-based security solution that employs machine learning to identify and profile devices, identify and mitigate anomalous behavior them.

DDoS Protection

With the explosive growth in potentially weaponized IoT devices and increased access speeds associated with 5G, you need the only DDoS solution designed for CSPs to mitigate volumetric attacks of any size, from any direction. We combine network behavior anomaly detection with host behavior anomaly detection to protect your network against external attacks and attacks from within.

Powered by Allot Multiservice Platforms

Whether you are a global operator with millions of subscribers, or a boutique service provider catering to tens of thousands, Allot's multiservice platforms can assist you to deliver innovative subscriber and security services more efficiently and profitably.

Allot Smart – Service Gateway (SG)

Allot's Service Gateway platforms are powerful, cost-efficient, multiservice delivery platforms, available as fully-virtualized network functions or in scalable hardware form factors, ranging from small footprint appliances to full chassis with pluggable blades.
These small footprint, high-density platforms are designed to deliver visibility and control that enable cost-effective rapid deployment of differentiated services in fixed, mobile, and converged data networks.



SmartVisibility: Access accurate usage data and analytics that improve network performance and deliver the services that subscribers want. Enables you to make informed business decisions based on granular insights.



SmartTraffic QoE: Leverage SmartVisibility to reap the benefits of automated congestion management and QoE optimization. Get the most out of deployed infrastructure and defer expansion.



SmartPCC: Innovate and enhance revenue by rolling out personalized service plans that cater to the unique and dynamic requirements of prepaid, postpaid, and business customers.



SmartSentinel: Navigate the regulatory landscape with flexibility and precision. Comply with URL filtering, data retention, and GDPR regulations efficiently and cost effectively.

Allot Secure – Value Added Services (VAS)

Allot Secure provides Value-Added Security Services that keep individual consumers and businesses safe from malware, ransomware, phishing, and harmful web content. We combine network, client and gateway components to deliver unified, comprehensive security services.
Our unified management console enables you to co-deploy and centrally manage Security VAS across consumer, business, and IoT segments while your customers enjoy functionality and protection tailored to their requirements.



NetworkSecure: Deliver a full complement of anti-malware, anti-phishing, URL filtering, and ad blocking directly from your network.



HomeSecure: Provide security for home consumer IoT, smart appliances, and user devices that is also applicable for SOHO and SMB.



BusinessSecure: Simple & reliable network security for SMBs. External and internal attacks effectively blocked. Unmatched security and visibility into the business network.



EndpointSecure: Provide continuous, unified security for mobile customers when they are off-net, through third-party security client integrations such as Bitdefender and McAfee.



IoTSecure: Control IoT communications, detect compromised IoT devices, and prevent malware, botnets and DDoS attacks from compromising IoT services.



DDoS Secure: Protect network infrastructure against inbound and outbound DDoS attacks that are designed to flood your network infrastructure and disrupt service availability.

Network Function Virtualization & 5G Readiness

Allot's entire portfolio complies with ETSI NFV-SDN architecture and is 5G ready. Standard compliance and compatibility with leading virtualization platforms enables flexible and agile deployment of Allot solutions on CSP infrastructure and private clouds, facilitating smooth and easy transition of your legacy network to future-proof NFV/SDN architectures.

Contact us today to set up a personal consultation and demonstration.

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