Allot Web Security VAS

NetworkSecure

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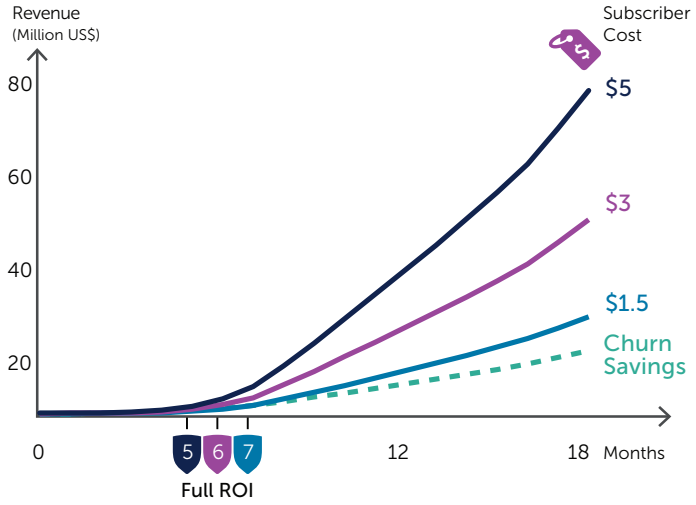
Assuring Online Security for Every Customer

When your customers know that you are protecting them against online threats and harmful content, increased brand loyalty and incremental revenue will follow. Allot NetworkSecure is an integrated platform built for rapid rollout of personal content filtering, anti-malware and anti-phishing services that safeguard your customers. Allot security services are network based, so they are accessible to any device without impacting performance or battery life. Moreover, your customers enjoy simple setup options for all devices and hassle-free maintenance.



Network-based SECaaS has proven to provide full ROI in 5-7 months
Source: Allot MobileTrends Report

Benefits

VAS Revenue and Security

- Increase ARPU from consumer security services
- Maximize uptake through frictionless onboarding
- Gain valuable intelligence on user profiles and online threats

Transparency and Accuracy

- Ensure maximum, up-to-the-minute protection
- Avoid over-blocking
- Strengthen customer loyalty with personalized threat reports

Flexibility and Scalability

- Deploy flexibly with single tenant or multi-tenant operation
- Accelerate ROI through full integration in Allot Service Gateway
- Scale to support millions of users

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Personal Parental Controls

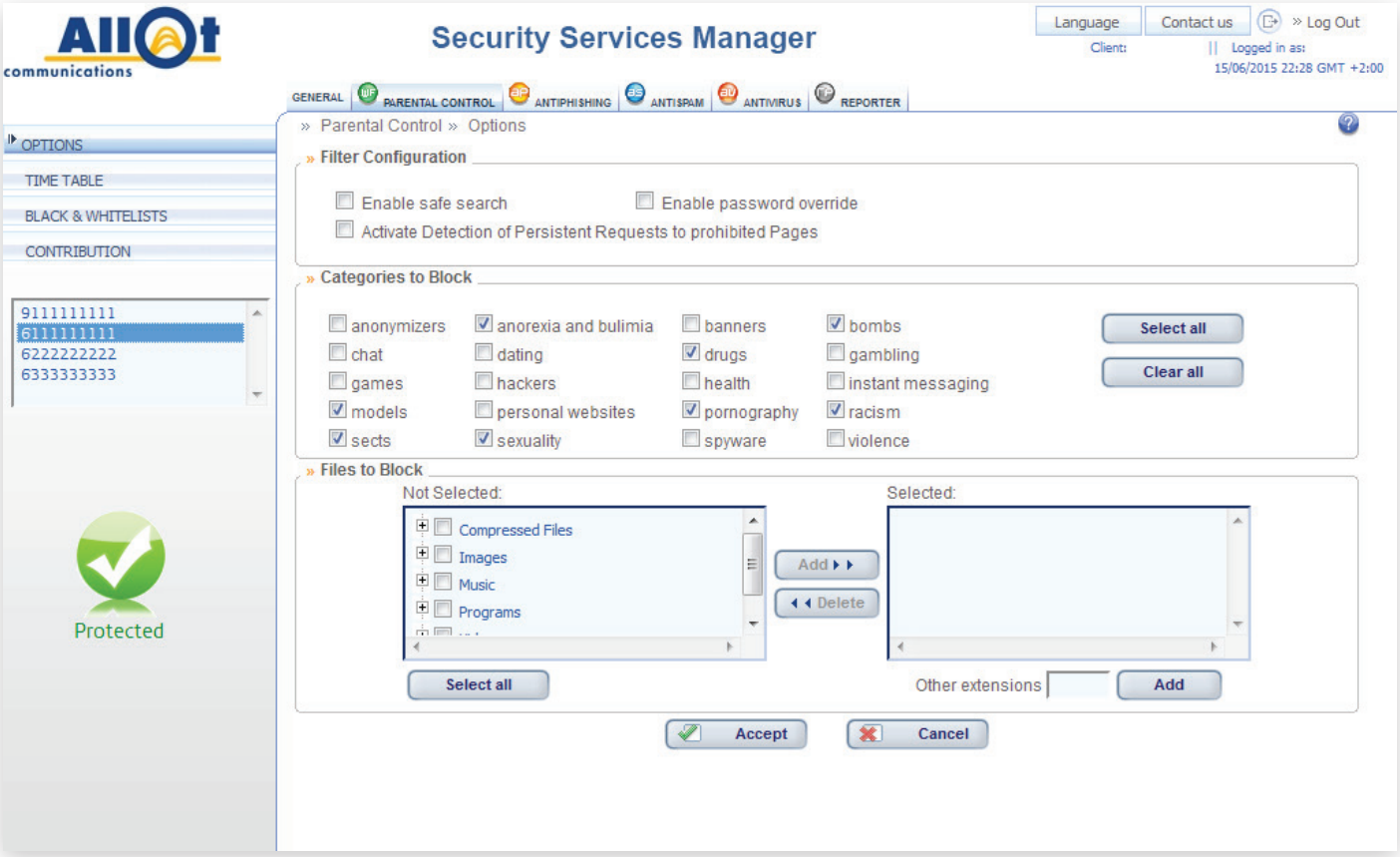
Safe Browsing for Everyone in the Family

With the proliferation of smartphones and tablets, online activity has increased dramatically among teens and children. Even at home, the screens-per-room count is growing, with households often using two or more Internet access devices in a room at any given time. Allot NetworkSecure helps you provide peace of mind to parents who are concerned about the online activities of their children and want to protect them from harmful and inappropriate content.

Allot NetworkSecure assures child-safe browsing by allowing parents to determine the websites and content that their children can access, as well as the hours and amount of time they spend online. Accurate web filtering techniques identify, classify, and control access in real-time according to individual user profiles, which the parent manages online.

Service Highlights

- **Personal Web Filter:** allows parents to select the content categories and URLs they want to filter per device.
- **Personal Anti-Phishing:** prevents users from falling victim to ransomware, identity theft and other phishing scams.
- **Personal Browse Time:** allows parents to limit online access to specific hours and/or to maximum hours per day per device.
- **Personal Unblock:** provides a channel for users to submit unblock requests and resolve blocking errors within minutes. User feedback is reviewed and incorporated into the filtering logic.
- **Personal Ads Free:** keep kids safe b blocking popup ads, animated gifs and banners.



Allot's simple web-based GUI makes it easy for users to personalize their own web security settings

Personal Anti-Malware

24/7 Protection from Malicious Online Threats

Viruses, spam, spyware, phishing, and ransomware are among the many malware threats that Internet users face every day. Allot NetworkSecure provides network-based anti-malware that protects your data consumers against all kinds of malware that can damage mobile devices and cause the loss of personal content. It also includes powerful anti-virus and anti-phishing for email (SMTP, POP3, IMAP) and web traffic, which takes the worry out of engaging in online activity and transactions.

Allot anti-malware provides quick response to new threats, 24/7 updates and a wide protection net that requires no action from users and no resources from their devices.

Network-based Protection Against

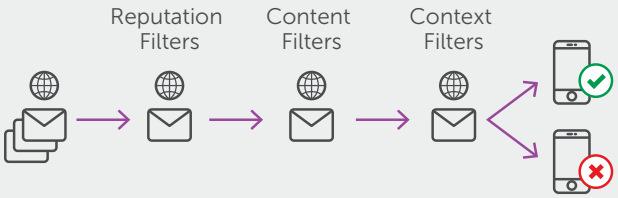
- Viruses
- Rootkit
- Worms
- Keylogger
- Trojans
- Phishing
- Spyware
- Ransomware
- Adware
- Others

Service Highlights

- **Anti-Virus:** employs Kaspersky Lab, Sophos, and Bitdefender technologies to provide industry-leading response time to new malware outbreaks. Allot allows flexible customization of protection levels, quarantine, user notification, infected-file detection and on-demand reports.
- **Anti-Phishing:** scans web and email traffic for telltale signs of phishing such as generic greetings, personalized greetings (spear phishing), suspicious links, threats, personal information requests, misspellings, bad grammar, and pharming attacks that redirect web traffic to bogus sites.
- **Anti-Spam:** inspects inbound email for spam content and automatically blocks or quarantines spam-infected email messages coming into desktop clients through POP3, IMAP or SMTP servers. Allot integrates 16 leading technologies to detect spam, including analysis of email origin, destination, text, hyperlinks, and file attachments.

Multilayer Detection

Real-time multilayer detection employs patented heuristic methods to identify unregistered signs and mutations that use polymorphic codes to avoid detection. Allot inspects compressed files, images, and scripting files which are popular places to embed malware.



Personal Security Reports

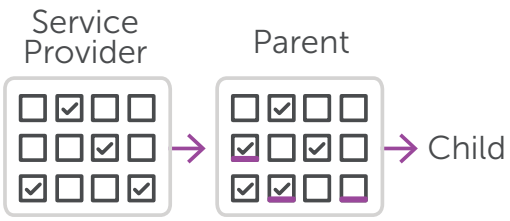
With Allot NetworkSecure, parents can get periodic reports detailing the online activity of their children and the malware threats they encounter. Easy-to-read graphs show the most frequently blocked targets; the most frequently accessed categories and sites; and other relevant statistics per MSISDN, per IP address, or other identifier. Anti-virus and anti-phishing activity reports are provided in condensed and detailed formats for both web and email traffic. All reports are accessible via standard web browsers from your customer service portal.

Personal security report showing the top targets blocked during the past 7 days on a specific device

Scalable Security as a Service

Single and Multi-Tenant Operation

Single and multi-tenancy operation allows you to offer a predefined set of web security features for all consumers, as well as the ability for customers to personalize their own parental control and anti-malware settings per device. Allot supports up to 50 million individual tenants and lets you manage them via a unified management console.



Scalable Service Delivery Framework

Allot NetworkSecure software is fully integrated with Allot Service Gateway platforms and may be hosted either on a blade in Allot Service Gateway or hosted externally on COTS hardware. This tight integration enables unlimited scalability and cost-efficient deployment in operator networks. Allot high-performance platforms monitor all network traffic and steer only the relevant flows to the security services, while a unified management console monitors and manages web security services for all customers across your entire network.

Visibility and Insight for Service Providers

Network-based Security as a Service means that you keep valuable threat-event data within your organization, thus avoiding the privacy risks and higher latencies that are inherent in typical cloud-based datacenter solutions. Moreover, Allot's SECaaS solution gives you complete visibility of online user behavior, enabling you to analyze and refine data plans accordingly.

Security Customer Engagement

Nurture ongoing engagement with your Security-as-a-Service customers by sending them in-browser notifications. Notices to opt-in users are triggered automatically and may include text, images, video, banners, and animations. Automatic notifications provide a non-intrusive channel to keep in touch with customers and to add value to their digital experience.

Unified Management

Allot NetworkSecure is part of our growing portfolio of pre-integrated security services designed to protect the digital experience of your consumer and business customers. Additional security products such Allot IoTSecure and Allot ServiceProtector can be co-deployed with ease and centrally provisioned by Allot's unified management console.

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sales@allot.com | www.allot.com