

Allo Shield STM Appliance



Product Name: Allo Shield STM Appliance

Manufacturer: Allo

Model Number: aSTM1

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The Allo Shield STM Appliance STM is a voip threat prevention solution dedicated to protect the SIP based PBX/Telecom Gateway/IP Phones/Mobile devices deployments. The appliance runs the Real time Deep Packet Inspection on the SIP traffic to identify the VOIP attack vectors and prevents the threats impacting the SIP based devices.

Shield STM Appliance Key Features

- Analyze SIP packets using the Real time Deep Packet inspection engine.
- SIP Protocol Anomaly detection with configurability of detection parameters. - Detection and Prevention of the following categories of SIP based Attacks. - Reconnaissance attacks (SIP Devices Fingerprinting, User enumeration, Password Cracking Attempt) - Dos/DDos Attacks - Cross Site Scripting based attacks. - Buffer overflow attacks - SIP Anomaly based attacks - 3rd Party vendor vulnerabilities
- Toll Fraud detection and prevention
- Protection against VOIP Spam & War Dialing
- Attack response includes the option for quietly dropping malicious SIP packets to help prevent continued attacks
- Dynamic Blacklisting on detecting VOIP, SIP PBX/Gateway ThreatsConfigurability of Blacklist/Whitelist/Firewall rules.
- Support for Geo Location based blocking.
- Provide the option to secure against PBX Application vulnerabilities
- Operate at Layer 2 device thus transparent to existing IP infrastructure - no changes required to add device to your existing network
- Web/SSL based Device Management Access which will allow to manage the device anywhere from the Cloud.
- Ability to restrict the device management access to specific IP/Network.
- Provide System Status/Security events logging option to remote syslog server.
- Provides the SIP throughput upto ~10Mbps.
- Support for Signature update subscription and automated signature update mechanism .
- The device has been made to operate with default configuration with just powering on the device. No administrator intervention is required to operate the device with default configuration.
- USB based power supply
- Optional support for security events logging on the USB based storage.routing

Shield STM Appliance - Technical Specifications

Software

- Functional Mode: Transparent Firewall with SIP Deep Packet Engine.SIP Intrusion/Prevention: ~400+ SIP Attack Signatures Support
- Throughput: ~10MbpsNo of concurrent calls supports: 50 concurrent calls
- Logging: Local Security Event Console, Remote Syslog
- Device Management: Web GUI via Https & SSH CLIHardware: MIPS based 32bit Processor Single core, 300MHz
- Primary Storage: 16 MB Flash
- RAM: 64MB
- Secondary Storage: USB Storage devices support for logging (Optional)
- Network Interfaces: Two Fast Ethernet Interfaces. (10/100 Mbps)

Price: £157.00

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