SONICWALL

Cloud and Email Security

Anti-Phishing and Anti-Malware with AI and Machine Learning

Because email is the primary method used by hackers, your customers need the strongest protection against malware and phishing. Avanan's patented security connects to the cloud via API and blocks malicious emails before they reach the inbox. It also protects collaboration apps, including OneDrive, ShareFile, Slack and many others. And, with its five-minute deployment, **Avanan is easy to install.**

> "When looking for an anti-phishing solution everything we initially found had too many false positives and required too much management. SonicWall MXDR suggested their Avanan solution and it has been terrific. Almost zero false positives and incredibly easy to setup and manage. It's been months since I had to go in and release an email. Also, we use the geo location feature to consistently present value to our clients which has been helpful."
>
> **— ISAAC LEVY, CTO, BLUESWITCH**

KEY FEATURES

Multi-Tenancy Console

Easy to use and manage platform

Consumption Based

Simple self-provisioning

Full-Suite Protection

Security for all your collaboration apps

Protection From

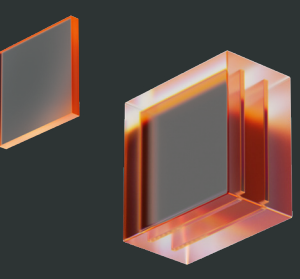
Ransomware, account takeover, BEC, supply chain attacks

Superior Catch Rate

99.2% reduction in phishing attacks reaching the Inbox

Unique Algorithm

Looking for over 300 indicators of phishing



Discover what true partnership with a security provider is like: Increase visibility across your ecosystem and access rapid response from our fully manned 24x7x365 SOC.

To learn about the wide range of benefits enjoyed by SonicWall SecureFirst partners, contact us today!
partnerdevelopment@sonicwall.com

ANTI-PHISHING

Most phishing attacks that bypass standard email security are zero-day threats coming from legitimate senders. To catch more of these advanced attacks, Avanan developed a unique machine learning algorithm that analyzes each aspect of an email, looking for over 300 indicators of phishing. The indicators analyze every piece of the email using features like Natural Language Processing (NLP), user impersonation detection, brand impersonation detection, sender spoof detection and more.

The algorithm also baselines the communication used in the organization, focusing on specific language and words. This allows SmartPhish's processing power to be tailored to the organization it protects, resulting in more accurate detections. The admin and end users can continuously train the AI by marking certain emails "clean" and others "malicious." Avanan's customer-specific configuration also learns from historical emails. Avanan's ability to fine-tune the AI is key to accurately identifying attacks and drastically reducing business disruptions.

ANTI-MALWARE

Avanan scans every link in the body of an email and within files, recursively looking for malware. Multi-vendor protection lets admins choose from AV and sandboxing vendors like FireEye, Check Point, Sophos, Palo Alto, SonicWall, Lastline and more. Data shows that Check Point Avanan has the highest security effectiveness in the malware category.

Avanan's release-from-quarantine workflow allows admins to deploy the strictest anti-malware policies. When suspicious files are quarantined, users can ask to release them, and the admin can review a full sandbox report and threat emulation video that shows exactly what actions the malware takes when it is opened. This help admins make informed decisions that take the needs of users into account.

DLP AND COMPLIANCE

Avanan offers best-of-breed DLP tools, such as Symantec and GTB. Our DLP policy can sync with on-prem DLP and existing DLP rules. When the end user sends a message where data leakage was identified, flexible workflows determine if the content is quarantined, the user is alerted and/or the file is encrypted with IRM.

Avanan uses the industry's most advanced tools to identify and mark files containing confidential, financial and personally identifiable information, including credit card numbers, social security numbers and bank routing numbers. When necessary, Avanan adds a classified suffix to the end of confidential messages or files. Avanan automates the encryption of sensitive files whether shared internally, via email or public share without deploying new infrastructure, using protocols you already know and trust. It's compliant with PCI, FISMA, HIPAA, SOX, FERPA and GDPR.

FORENSIC TOOLS

Avanan offers robust reporting and flexible custom queries, enhancing forensic searches for administrators. With options to search by sender, subject, recipient or attachment name, it's easy to access user profiles, view top collaborators and check account status. Avanan promotes a culture of security through detailed alert messages, empowering users to report threats, receive automated alerts and request email restoration (admin approval required). Detailed email profiles, including headers, attachments and links, are easily accessible via the "Subject" option. Admins can quarantine individually or in bulk, investigate threats in-depth through "Analytics," and track restore requests for flagged attachments.

ACCOUNT TAKEOVER PROTECTION

Avanan offers comprehensive account takeover protection with real-time prevention, historical breach detection and adaptive false positive filtering. It automatically establishes user and company behavior baselines upon deployment, creating user profiles and custom threat profiles based on historical data. Avanan includes a login map to track suspicious and safe logins, triggering automatic alerts for suspicious logins that can be turned into geo-restriction measures. In SaaS environments, Avanan monitors over 100 event indicators, leveraging machine learning to identify and filter out attacks while minimizing false positives.

SMARTVAULT EMAIL ENCRYPTION

SmartVault is HEC's proprietary encryption solution that integrates with HEC's DLP detections to prevent sensitive data from leaking. Detected emails are vaulted by SmartVault. Recipients can then log into a secure email viewer and can read the email content but cannot download or forward it outside of the organization. Customers of O365 can choose one of two encryption methods: SmartVault, our solution or native Microsoft encryption, where we instruct O365 to encrypt files we detect as sensitive.

Powered by:

AVANAN
A **Check Point** Company

About SonicWall

SonicWall is a cybersecurity forerunner with more than 30 years of expertise and a relentless focus on its partners. With the ability to build, scale and manage security across the cloud, hybrid and traditional environments in real time, SonicWall can quickly and economically provide purpose-built security solutions to any organization around the world. Based on data from its own threat research center, SonicWall delivers seamless protection against the most evasive cyberattacks and supplies actionable threat intelligence to partners, customers and the cybersecurity community.

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