Avanan Cloud Security
for Office 365

THREATS

PHISHING
Avanan uses machine-learning models trained on attacks that get past Office 365, analyzing over 300 indicators per message. SaaS integration provides role-based models and tight mailbox control to catch what external email gateways cannot.

ZERO-DAY MALWARE & RANSOMWARE
Multiple real time malware, sandboxing, and A.I. active-content analysis tools work in parallel to identify malicious content in less time and with fewer false positives than any single product alone.

ACCOUNT TAKEOVER / INSIDER THREAT
Avanan analyzes every user event across multiple SaaS, comparing historical behavior, anomalous activity, and profiles of real-world breaches to identify attacks in real time.

DATA SECURITY

DATA LEAK PROTECTION
Identify confidential data using industry-leading tools. Enforce regulatory compliance (PCI, HIPAA, SOX, etc.) across all your SaaS with cloud-aware, context-sensitive, policy work flows.

POLICY-BASED ENCRYPTION
Automate the encryption of sensitive files — whether shared internally, via email, or public share — without deploying new infrastructure, using the protocols you already know and trust.

GOVERNANCE

CASB / SHADOW IT
Identify risky cloud services your employees are using in the office or at home that have been connected to your approved SaaS accounts, without redirecting traffic or using a proxy.
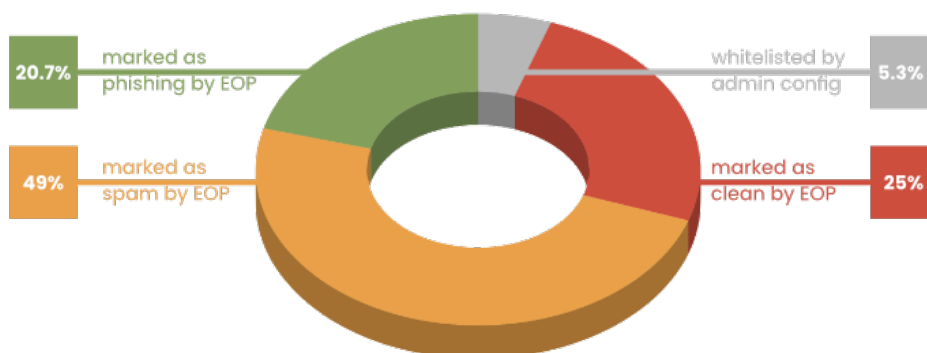
SIEM INTEGRATION
Avanan correlates user and file events from all SaaS, combining them with real-time reports of the security stack, so you can monitor the cloud with your existing SIEM.

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*"**Microsoft Exchange Online Protection is not adequate to screen out all the phishing and hostile e-mails we receive through Office 365. We depend on Avanan to recognize and thwart novel attacks.**"*

— Director of IT, Services Industry

20.7% marked as phishing by EOP

whitelisted by admin config 5.3%

49% marked as spam by EOP

marked as clean by EOP 25%

30.3% of phishing emails sent to organizations using Office 365 EOP were delivered to the inbox.

Avanan offers complete, defense-in-depth security for Office 365, whether you use SharePoint, OneDrive, or the full collaboration environment.

Scan every inbound, outbound and internal email. Prevent phishing and malware from spreading within your organization or to your customers and partners.

Check every file for malicious content using the most advanced sandboxing and active-content analysis in the industry. Quarantine threats before your users download them.

Identify confidential information and apply context-aware policies that confine the data to a particular organization or work group. Your users can leverage the full power of Office 365 collaboration, while automated work flows enforce regulatory compliance, ensuring PCI, HIPAA, PII, or other protected content does not leak.

If you are making the transition from on-premise applications to the cloud, Avanan is the best way to ensure seamless security. Deploy instantly with the only one-click, cloud-enabled platform, with no need for a proxy, appliance or endpoint agent.

AVANAN

Email Security. **Reinvented.**

Catch the sophisticated attacks that default and advanced security tools miss, while adding an invisible layer of security for cloud-based collaboration suites.

A multi-layer, artificially intelligent solution, Avanan deploys in minutes and scales across enterprise architectures to prevent the attacks that bypass conventional security solutions.
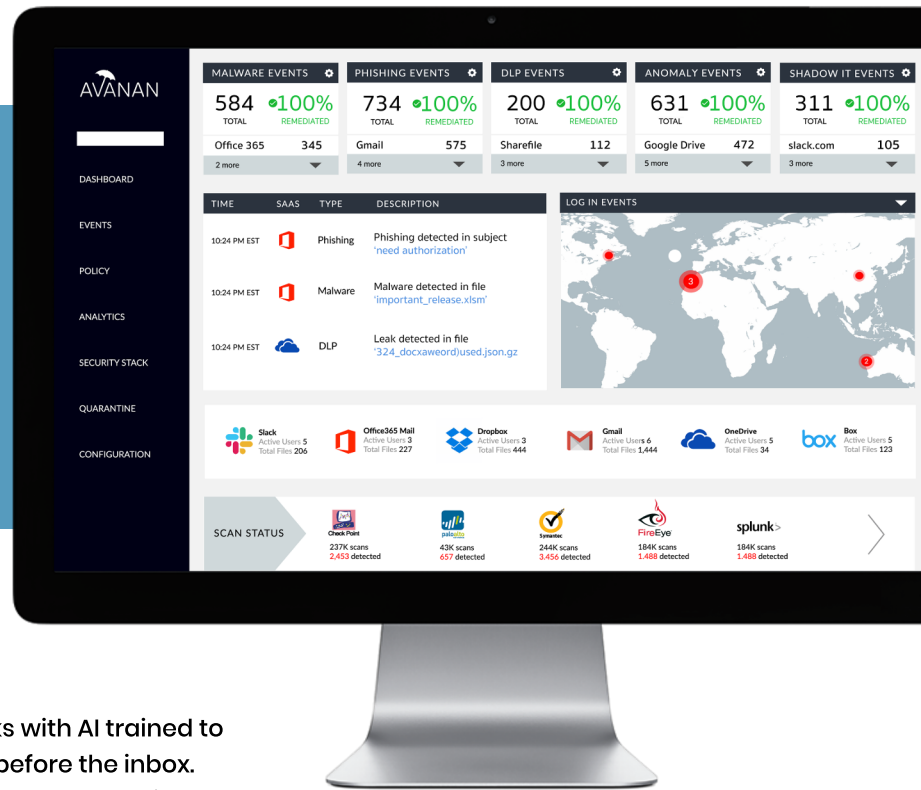
Intelligent Scanning

Protect against sophisticated phishing attacks with AI trained to block attacks that evade all existing security before the inbox. Avanan protects all mail with cloud prefilters and post-delivery capabilities that neither users nor hackers know is there.

Full Suite Protection

Secure the entire cloud suite in applications like OneDrive, Sharepoint, and Slack. Avanan monitors user actions, configuration changes, permissions updates, file shares, and internal messages in email, file sharing, and chat to identify attacks on your cloud — all within a single threat intelligence interface.

Layered Security

Layer best-of-breed, industry-leading security. Customize protection with preconfigured technology, selecting from trusted security providers, including Check Point, Lastline, Symantec, and more. Avanan empowers clients with an open platform for a complete security stack that can address all cloud-based threats.

> *"Avanan was so quick to deploy; we just checked the boxes of the security stack we wanted to incorporate, and almost immediately, we observed the phishing attacks and malware it was catching."*
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> Jim Nonn, CIO, Egan