OBSIDIAN

Obsidian Security vs Proofpoint

IDENTITY THREAT PREVENTION

Identity-based attacks, especially spear phishing, are a popular tactic for adversaries. To combat these threats, the email security vendor Proofpoint offers a broad platform to detect malicious emails pre-delivery through methods like a secure email gateway.

While Proofpoint's multi-layered detection stack and threat intelligence benefits from AI and ML model training, it's not successful in stopping the latest attack trend: adversary-in-the-middle (AiTM) phishing kits.

AiTM attacks have grown in popularity due to their ability to bypass email scanning and other defenses like multi-factor authentication (MFA). One popular AiTM kit called Mamba 2FA involves a CAPTCHA challenge to fool automated scanners from detecting the phishing page. Other kits may use reverse proxy techniques; all AiTM tactics are geared towards circumventing traditional security and authentication measures to steal credentials.

AiTM Phishing Attacks Are Growing

77%

of phishing sites use turnstiles to prevent automated scanning[1]

Email Filters Don't Stop Every Threat

93%

of phishing compromises bypassed email security[1]

MFA Is Not A Silver Bullet

84%

of compromised accounts had MFA enabled[1]

Plus, if your employees ever use their personal email on a business device, your existing solutions have no visibility or protections to stop credential theft.

SOURCES

[1] Obsidian Security

Kill Attacks Directly in the Browser

To defeat modern AiTM phishing attacks, security teams need to harden their defenses where identity compromise actually occurs—the browser. Obsidian Security offers an in-browser AiTM phishing prevention solution that **stops 100% of popular AiTM kits** like Evilginx and Tycoon.

Sitting in the browser, Obsidian Security deeply inspects web content using advanced visual and content analysis plus applied threat intelligence to instantly block malicious webpages as soon as they render—even for never-before-seen AiTM phishing kits or threats to personal inboxes.

By seeing what the user sees, Obsidian is able to thwart AiTM evasion techniques that bypass Proofpoint and other security solutions.

> **"A spear phishing email was sent to the inboxes of our sister company. It bypassed their email security completely undetected. But as soon as a user clicked on the link, we got an alert from Obsidian. Within minutes, the team was able to quarantine those emails and block the websites."**
>
> Leading financial services company

Head-to-Head Comparison:
Obsidian vs. Proofpoint

	OBSIDIAN	Proofpoint
Phishing Delivery Method		
Corporate email, viewed on a managed device	✓	✓
Personal email, viewed on a managed device	✓	✗
Detection Efficacy & Blocking		
Detect Evilginx and other proxy-based AiTM toolkits	✓	✗
False positive reduction through device/ browser attestation	✓	✗
Detection models applied to links in encrypted / protected messages	✓	✗
Detection models applied to links in attachments, chat messages, or other non-email	✓	✗

Proofpoint's URL Defense protects users from malicious links in emails by rewriting URLs, redirecting them to an isolated sandbox environment, and analyzing them for potential threats. This misses threats shared through links in attachments, encrypted messages, chat messages, or any other non-email related links a user clicks.

Combining Obsidian Security with Proofpoint or other email security tools provides defense in depth to better protect your business from a wide range of popular and sophisticated identity-targeted attacks.

Privacy-First Protection

Local Analysis
Everything is done locally in your browser, guaranteeing privacy and fast performance

Flexible Deployment
Deploy in minutes across major browsers to instantly stop identity threats

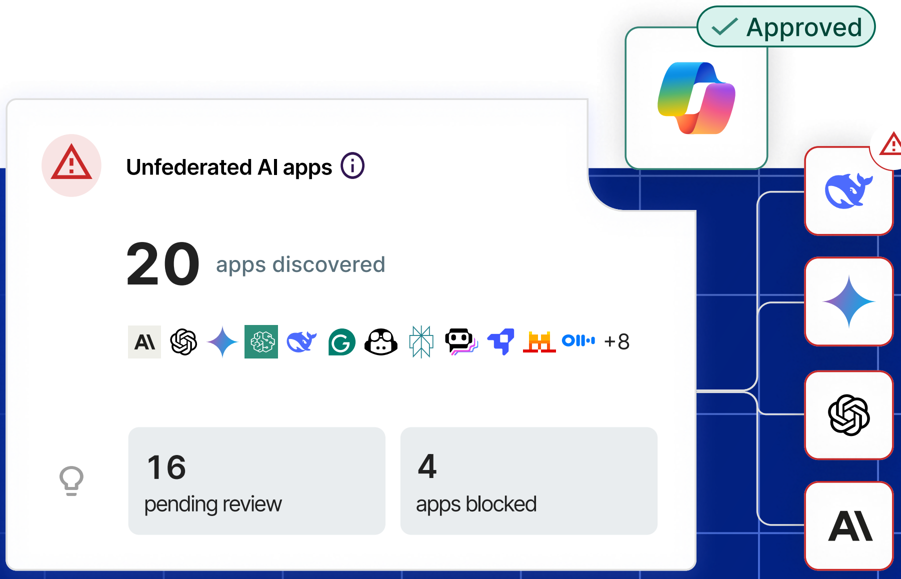
Easy Management
Get automated protection from day one, no ongoing tooling or extra work needed

Trusted Protection
Leading enterprises trust Obsidian, including 35+ from the Fortune 1000 and Global 2000

The Obsidian Advantage

Detected threats continuously inform and refine security rules through Obsidian's AI-powered dynamic feedback loop, delivering automated defenses that adapt as your organization grows. This ensures full visibility and proactive protection across SaaS.

Get Started for Free



✓ Approved

Unfederated AI apps ⓘ

20 apps discovered

+8

16 pending review

4 apps blocked