

Proofpoint Core Email Protection

Stop AI-scaled email threats with complete, continuous protection across the email lifecycle

Key Benefits

- Stop AI-scaled email threats before delivery
- 99.999% threat detection efficacy
- Deploy in 24 hours via API or secure email gateway (SEG)
- Complete pre-delivery, post-delivery and click-time coverage
- Unified Threat Protection Workbench for faster investigations
- Best-of-breed ecosystem integrations

The Challenge: AI-Scaled Email Threats

Attackers iterate at machine speed. Frontier AI has removed the constraints that once limited how quickly threat actors could craft phishing lures, business email compromise (BEC) attacks and social engineering campaigns. A single campaign now generates infinite, highly targeted variants that are personalised to each recipient.

These AI-generated threats arrive across email and collaboration channels with no typos, no reused templates and no familiar fingerprints. Traditional defences built on reputation lists and static signatures cannot keep pace. Meanwhile, 94% of human-targeted cyberattacks still begin with email.¹

These attacks exploit security gaps: missing pre-delivery protections, blind spots in supplier compromise detection, siloed cloud and collaboration environments, and a lack of account takeover controls.

AI is the Force Multiplier

What took an attacker 16 hours now takes 5 minutes. AI-generated phishing produces flawless, personalised lures with no telltale errors.



Infinite Variants
No two lures alike



Machine Speed
Campaigns in minutes



Multichannel
email, voice and video

¹ Source: Proofpoint threat research.

The Solution: Proofpoint Core Email Protection

Proofpoint Core Email Protection stops the broadest range of AI-scaled email threats with complete, continuous protection across the entire email lifecycle. Deploy via SEG or API for industry-leading 99.999% threat detection efficacy.

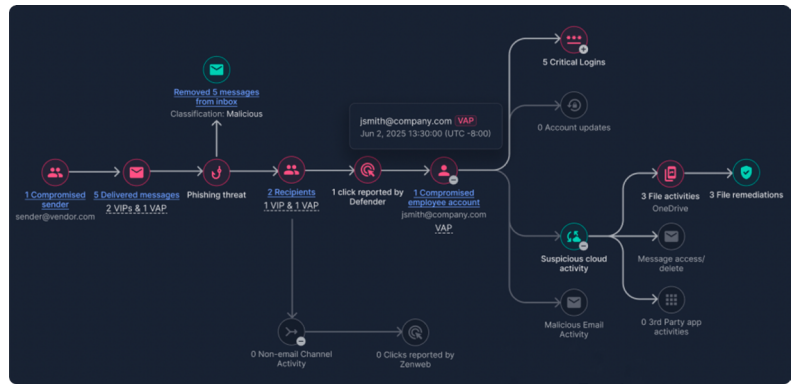


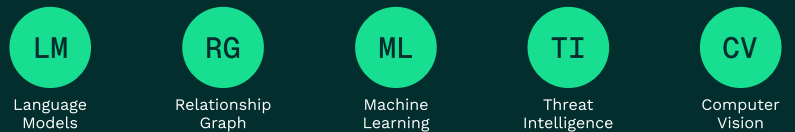
Figure 1. Threat Protection Workbench maps threats end-to-end.

Critical Capabilities:

Proofpoint Nexus AI-powered detection

Proofpoint Nexus uses language models, relationship graphs, machine learning, threat intelligence and computer vision to detect the broadest range of advanced email threats with AI intent-based detections.

Proofpoint Nexus AI

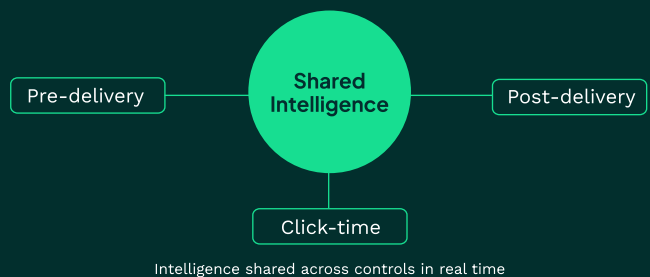


Unmatched Threat Data



Complete, continuous protection

Proofpoint Core Email Protection delivers coordinated defence across pre-delivery, post-delivery and click time. Intelligence is shared across controls in real time, so a threat surfaced post-delivery sharpens the next pre-delivery decision.



Optional add-ons:



Unified SEG and API deployment

Proofpoint unifies its market-leading SEG and API-based deployments into a single, integrated architecture. Our SEG helps stop inbound and outbound threats at the email gateway, while our API-based protection extends visibility and response to internal mail and post-delivery threats.

One console, one investigation workflow and one set of policies replace the operational fragmentation of managing separate tools. Organisations deploy via API in as little as 24 hours or combine SEG and API for maximum coverage.

Efficient security operations

With 99.999% of threats automatically stopped, security teams focus on the highest-priority investigations. The Threat Protection Workbench provides visual, end-to-end attack chain reconstruction, connecting messages, users, clicks and remediation actions in a single view. Automated workflows, integrated search and alert-based triage reduce mean time to remediation.

Operational Impact

Here's what you can expect with Proofpoint.

Industry-leading detection efficacy

99.999% threat detection efficacy, with only 1 false positive per 19.7 million messages and 1 false negative per 5.3 million messages.

Faster time to value

API deployments complete in 24 hours. SEG and API together deliver defence-in-depth.

Reduced SOC burden

Automated workflows and visual attack chain investigation reduce analyst time on manual correlation.

Broader threat coverage

Get protection against external threats, post-delivery compromise, internal-to-internal phishing and direct send.

Future-proof architecture

An integrated platform delivers automatic protection against newly discovered threats and emerging threat actors.

Best-of-breed integrations

Ecosystem integrations with CrowdStrike, Okta, Palo Alto Networks, Microsoft Defender, Splunk and Sentinel.

Learn more at proofpoint.com/uk

About Proofpoint, Inc. Proofpoint, Inc. is a global leader in human- and agent-centric cybersecurity, securing how people, data and AI agents connect across email, cloud and collaboration tools. Proofpoint is a trusted partner to over 80 of the Fortune 100, over 10,000 large enterprises and millions of smaller organisations in stopping threats, preventing data loss and building resilience across people and AI workflows. Proofpoint's collaboration and data security platform helps organisations of all sizes protect and empower their people while embracing AI securely and confidently. Learn more at www.proofpoint.com/uk

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