

# Proofpoint and Palo Alto Networks Partnership

## Gain cross-platform protection against today's attacks

### Products

- Proofpoint Targeted Attack Protection
- Proofpoint Digital Risk Protection
- Palo Alto Networks WildFire
- Palo Alto Networks Prisma Access

### Key Benefits

- Detect and stop advanced email threats containing malicious attachments
- Achieve multilayered threat protection
- Use best-of-breed threat intelligence sharing

More than 90% of threats come through the email vector.<sup>1</sup> Companies struggle to protect against these advanced threats that target them. So they need a comprehensive solution to mitigate and reduce risk. Proofpoint and Palo Alto Networks have partnered to give shared customers an enhanced security posture—from email to the network and even the cloud.

### The Partners

The partnership between Proofpoint and Palo Alto Networks provides platform-to-platform intelligence sharing that can protect you against today's targeted threats. It affords you additional security benefits and expanded visibility at no added cost.

### Proofpoint

Proofpoint helps you stay ahead of attackers. It features an innovative approach that detects, analyzes and blocks advanced threats before they reach your users. Our static and dynamic techniques continually detect and adapt to new attack patterns.

We analyze potential threats using multiple approaches that examine:

- Behavior
- Code
- Protocol

This helps you detect threats early in the attack chain—potentially before they do any damage. We use sandboxing to study a wide variety of attacks. These can include the use of malicious attachments and URLs to install malware or trick users into sharing sensitive data. We also use analyst-assisted execution to maximize detection and intelligence extraction.

## Palo Alto Networks

The Palo Alto Networks next-generation security platform automatically routes suspicious files and URLs to WildFire for deep analysis. WildFire inspects millions of samples per week. These samples are taken from the company's global network of customers and threat intelligence partners.

WildFire looks for new forms of previously unknown:

- Malware
- Exploits
- Malicious domains
- Outbound command and control activity

WildFire matches forwarded samples against its database of known files. It detonates never-before-seen items for further investigation. This investigation covers static and dynamic analyses against multiple OS and application versions. When it flags something as malicious, it automatically generates malware, URL and DNS signatures. And within minutes, it distributes them to all WildFire-subscribed Palo Alto Networks platforms globally. This quick response immediately halts threats from spreading. And it doesn't need any added user action.

## Multilayered Protection

### Email

The Proofpoint and Palo Alto Networks partnership provides you with two best-of-breed solutions that prevent malicious attachments from ever getting to your users. You get multivendor analysis and enhanced protection to help you stay ahead of the threat landscape.

When an email that contains an unknown attachment is sent to a customer, Proofpoint Targeted Attack Protection (TAP) begins a sandbox analysis to determine if it is malicious. At the same time, TAP sends the attachment to Palo Alto Networks WildFire.

Both TAP and WildFire inspect the attachment simultaneously. If either one condemns the attachment, then it will be blocked from ever reaching the user.

If WildFire finds it is malicious, then it will add the file's hash to Palo Alto Network's next-generation firewall, advanced endpoint protection and threat intelligence cloud service.

### Social media

Social media is a great way to promote your products. It also helps you interact easily with your customers. But as you expand your social media presence, you also increase your exposure to offensive content and security threats. Proofpoint Digital Risk Protection secures your social media accounts with automated, real-time protection against:

- Hacks
- Phishing
- Malicious content

When we identify a social post that contains a URL, we do a sandbox analysis. We also submit it to Palo Alto WildFire for analysis and verdict. From there, malicious posts are deleted by Proofpoint Digital Risk Protection based on policies.

### Secure browsing

Our partnership lets your users click and view potentially risky URLs without putting your organization at risk. When users surf to risky URLs, Palo Alto Networks Prisma Access redirects them to Proofpoint Browser Isolation. Browser Isolation then uses a remote cloud-based browser to manage the users' activity in a secure container. High-risk content, such as executable code, is stripped out. Browser Isolation then sends a sanitized version of the page to the users' browsers. Any unsafe content that they encounter will never impact the endpoint—or the enterprise.

Proofpoint and Palo Alto Networks give you a closed-loop, automated process to ensure you that you are armed with the latest threat intelligence. This reduces the risk of data breaches caused by targeted attacks.

## LEARN MORE

For more information, visit [proofpoint.com](https://www.proofpoint.com).

### ABOUT PROOFPOINT

Proofpoint, Inc. is a leading cybersecurity and compliance company that protects organizations' greatest assets and biggest risks: their people. With an integrated suite of cloud-based solutions, Proofpoint helps companies around the world stop targeted threats, safeguard their data, and make their users more resilient against cyber attacks. Leading organizations of all sizes, including 75 percent of the Fortune 100, rely on Proofpoint for people-centric security and compliance solutions that mitigate their most critical risks across email, the cloud, social media, and the web. More information is available at [www.proofpoint.com](https://www.proofpoint.com).

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