

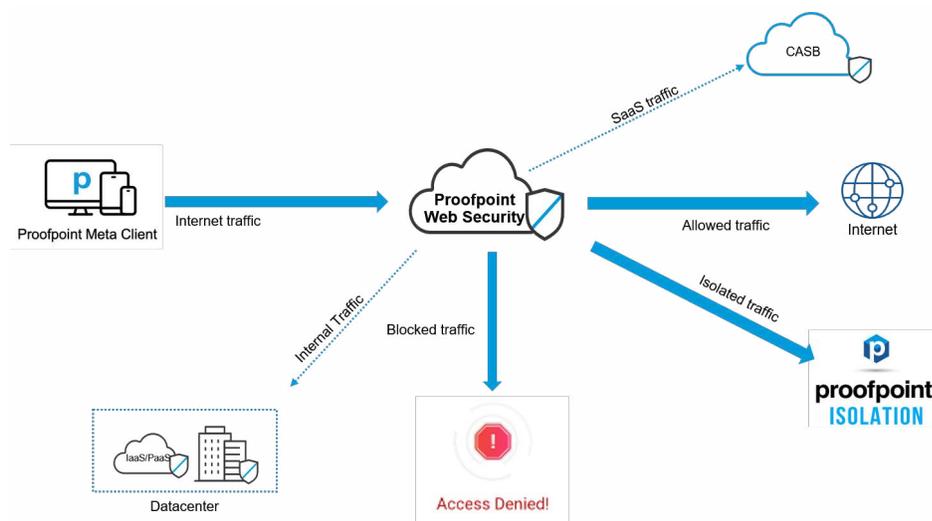
Proofpoint Web Security

KEY FEATURES

- **Access Control**—Domain, URL, IP based filtering, category-based filtering for content and threats, enforcement through a customizable block page, enforcement through web isolation, in-line SaaS discovery (Shadow IT) and application control
- **Advanced Threat Protection**—In-line file download protection, enforcement through a customizable block page, reputation-based detection and prevention based on Proofpoint's massive threat intel, sandboxing, zero-day protection
- **Data Loss Prevention**—In-line download protection, in-line upload protection, enforcement through a customizable block page, enforcement through web isolation, hundreds of predefined detectors, dictionaries, and smart IDs, customizable data types
- **Management**—Cloud-based, globally distributed proxy, cloud-based management, integrated with Meta ZTNA, Windows and Mac OS support, SSO authentication, user provisioning with IdP (SCIM, SAML, JIT), SIEM integration

Proofpoint Web Security protects users from all types of internet-based threats by applying dynamic access controls, advanced threat protection and data loss prevention policies. Web Security uses a people-centric approach to protection regardless of where the users are or what network they belong to.

Over the last few years organizations have seen a shift in their workforce. It has moved from on-premises to a distributed and mobile posture. And all while still needing secured access to the intranet and internet. Legacy approaches to securing this new way of working have not been as effective. That is because they were never designed to an always-on distributed workforce. Web Security helps mitigate these challenges.



Access Control

People-centric deployment of internet protection with Web Security begins with Access Control. This step provides visibility into the types of threats that come with internet browsing. It helps organizations gain insight into what is actually going on with their workforce—no matter where they are. It must understand what content is being viewed and where credentials may be exposed. Also, it should know what types of SaaS applications are being used and by whom to apply the proper security controls. Web Security provides controls that will help prevent:

- Credential theft
- Viewing of lewd content
- Non-compliant websites
- Botnet behavior and command-and-control communication
- Usage of unsanctioned SaaS apps (Shadow IT)

By identifying these threats in real time at the domain, URL and IP level out of the box, Web Security will automatically reduce overhead and will provide superior security. Access Control allows automatic blocking of sites or putting user into an isolated web session. These controls can be applied to the entire organization, user groups or high-risk users.

Advanced Threat Protection

People-centric deployment of web security requires strong Advanced Threat Protection. Providing advanced threat protection is critical as it is the first line of defense when it comes to protecting the organization's endpoints. Waiting for a malicious file to make it to the endpoint before inspecting it is too late. To provide the best real-time protection, Web Security utilizes both signature-based detection and a real-time sandbox. These are the same engines that power our market-leading email security solutions.

Using our extensive threat intel, if a malicious file has been previously seen, it will be automatically caught. And if it is a zero-day then it will go through deeper inspection. And it will still meet

user expectations when it comes to download times. Web Security will help to minimize any impact to the users for downloading malicious files or visiting malicious sites. And it provides the organization deeper visibility into these type of cloud threats.

Data Loss Prevention

Data Loss Prevention is another important aspect of a people-centric deployment of web security. Keeping an organization's data secure is critical when it comes to an internet protection solution. All data must be protected. It doesn't matter if it is personal, financial or health related information of its employees and partners, or the intellectual property that powers its business.

Today data is uploaded and downloaded at any time and from any location. A proactive, in-line data loss prevention engine is needed. It has hundreds of predefined detectors, dictionaries and smart IDs across all aforementioned data types and more. Since many organizations require customized data sets, exact data matching can be utilized. All rules can be applied to the entire organization, user groups or key individuals.

Management

Web Security is cloud native. And it can automatically scale based on an organization's need and today's working environment. It is globally distributed to ensure low latency while providing top-notch security. All management is done via a cloud-based console. And since the solution is completely API based, it offers the flexibility of remote management. Also, it has the ability to send logs to the organization's SIEM.

The solution seamlessly integrates with the broader Proofpoint portfolio. The security engines are the same ones that power the market-leading email solutions, DLP, Web Isolation and CASB solutions. Furthermore, its management console and endpoint agent are the same as Proofpoint Meta ZTNA solution.

LEARN MORE

For more information, visit proofpoint.com.

ABOUT PROOFPOINT

Proofpoint, Inc. (NASDAQ: PFPT) 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 more than half of the Fortune 1000, 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.

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