

Trend Micro™

WEB SECURITY

Advanced protection against internet threats; featuring cloud app access control, flexible deployment, and a single console

The rising sophistication and complexity of web threats, coupled with the new ways your employees work, have eroded the effectiveness of traditional web security solutions. In addition to blocking malicious code, inappropriate websites, and targeted attacks, security managers also need to protect an increasingly mobile workforce who frequently adopts new cloud-based applications.

Trend Micro™ Web Security protects against cyber threats before they reach your users. It uses cross-generational defense techniques to catch known and unknown threats, giving you visibility and access control on unsanctioned cloud applications for each of your users. Our unique deployment model provides you with the flexibility to deploy gateways on-premises, in the cloud, or both—protecting your users no matter where they are. One cloud-based management console simplifies your workload, letting you set up policy, manage users, and access reporting across a single pane of glass.

KEY BENEFITS

- **Delivers Superior Protection - Any Device, Anywhere:** Trend Micro Web Security stops threats directly in the cloud before they get to your endpoints. Your users will be protected across any device—including desktop and mobile platforms—at any location, whether on the corporate network or not. It delivers comprehensive real-time protection against the full scope of web threats by using anti-malware, web reputation, and the strongest advanced threat protection that includes sandboxing and predictive machine learning. Leveraging the real-time protection provided by our global Trend Micro™ Smart Protection Network™, this solution even has the capacity to defend against new emerging threats.
- **Cloud Application Access Control:** Trend Micro Web Security has the ability to identify more than 30,000 cloud services in use and executes the granular access policy set up by admin. This powerful capability allows you to configure access control on unsanctioned cloud apps for different users or user groups within a defined schedule, boosting your organization's security and productivity.

To make Trend Micro Web Security even more powerful, cloud service filters block personal account access to sanctioned apps. For example, employees can only use their corporate account to log on to Dropbox™, but are prohibited from signing in via their personal account, preventing sensitive data from leaking.
- **Flexible Deployment Options to Fit Your Needs:** This unique deployment model allows you to choose how you deploy the product, allowing our customers to choose between on-premises, cloud, or both. Cloud-based deployment for all users, including on-site, branch offices, and remote/mobile users, eliminates the expense and resource drain associated with backhauling traffic or managing multiple separate on-premises secure web gateways. Hybrid deployment allows you to deploy the on-premises virtual appliances for large corporate sites while using cloud web gateway to secure the activity of your smaller branch offices and mobile users. In addition, pure on-premises deployment can be adopted for onsite users who prefer it.
- **Single, Centralized Management Console:** One cloud-based management console allows you to manage and monitor web use in real time. This single pane of glass lets you to manage centralized and unified policies across both on-premises and cloud-based deployment instances. Interactive and customizable dashboards and reports give you complete visibility of web usage and security information.

KEY FEATURES

Gateway Anti-Malware and HTTPS Decryption

- Prevents malware from entering your network, relieving the burden on endpoint security.
- Stops virus and spyware downloads, botnets, malware callback attempts, and malware tunneling.
- Closes the HTTPS security loophole by decrypting and inspecting encrypted content.

Web Reputation with Correlated Threat Data

- **Trend Micro™ Smart Protection Network™** web reputation technology blocks access to websites containing malicious activity.
- Protects against new threats and suspicious activity in real time.
- Identifies and blocks botnet and targeted attack command and control (C&C) communications using global and local threat intelligence.

URL Filtering and Categorization

- Uses real-time URL categorization and reputation to identify inappropriate or malicious sites.
- Stops drive-by downloads and blocks access to spyware and phishing-related websites.

Application Visibility and Control

- Monitors and reports on more than 30,000 cloud applications and 1,000 internet protocols and applications, including instant messaging, peer-to-peer, social networking applications, and streaming media.
- Enables granular policy creation to control all web activity.
- User or user groups, gateways, and schedule-based policy enforcement.

Cloud Sandboxing and Predictive Machine Learning

- Cloud sandboxing provides automatic in-depth simulation and analysis of potentially malicious attachments, including executables and common office documents, in a secure Trend Micro-hosted sandbox environment.
- Predictive machine learning uses mathematical algorithms to act as an extra layer of scanning to filter unknown files before sending the suspicious files to the cloud sandbox. It increases efficiency and reduces false positives of cloud sandboxing.

Cloud DLP (Data Loss Prevention)

- Uses more than 240 global data loss prevention templates to safeguard digital assets against accidental or deliberate leakage.
- Integrated with Trend Micro Web Security and hosted by Trend Micro, the cloud DLP can be managed in the unified management console.

COMPARISON TABLE: TREND MICRO WEB SECURITY

CAPABILITY	STANDARD	ADVANCED
• On-premises proxy, cloud proxy, or both	Yes	Yes
• Authentication (on-premises AD, Microsoft® Azure™ AD, Okta, ADFS)	Yes	Yes
• SSL inspection/HTTPS decryption	Yes	Yes
• Real-time reporting, logging, audit logs	Yes	Yes
• Role-based access control	Yes	Yes
• Syslog for exporting logs	Yes	Yes
• URL filtering and application control	Yes	Yes
• Anti-malware and web reputation service	Yes	Yes
• Predictive machine learning (PML) for unknown malware	Yes	Yes
• Cloud sandboxing for unknown malware after PML	No	Yes
• Data loss prevention with 240+ global templates	No	Yes
• Cloud app access control for 30,000 apps	No	Yes
• Cloud service filters block personal account access to sanctioned apps	No	Yes



Securing Your Connected World

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