

Symantec® Web Protection

Integrated Web Security Aligned to Your Deployment Strategy

AT A GLANCE

One solution; Two Ways to Deploy

- On-premises Secure Web Gateway
- Cloud-delivered Secure Web Gateway as a service

Unified, Flexible, and Transparent

- Fixed per-user pricing
- Full feature entitlement
- Centralized management and reporting
- Universal policy enforcement
- Fast, flexible deployment

Additional Capabilities Included

- Cloud Firewall Service
- Content Analysis and Deep File Inspection
- Centralized Management and Reporting
- Application Visibility and Control
- Risky Site Isolation
- Reverse Proxy
- Advanced Threat Intelligence

Security that Follows the User

Every organization charts its own path to the cloud

Organizations adopt cloud strategies to meet their individual security, performance, and financial objectives:

- On-premises strategies prioritize security and control, keeping sensitive data and traffic under local lock and key.
- Cloud-first strategies prioritize agility and economy, using elastic, redundant cloud infrastructure wherever possible.
- Hybrid strategies prioritize data security and control needed for fixed locations with the direct-to-net user experience and flexibility preferred for branch offices or while at-home or on the road.

...but cloud migrations can be difficult and sometimes costly

Every cloud strategy is at risk of internal and external shocks: shifts to remote work, budget shortfalls, regulatory surprises, M&A integration hurdles, migration delays, and more. Practically speaking, many digital transformations end up as compromises: works in progress, on-premises strategies that accept cloud productivity applications, cloud strategies that retain large on-premises footprints, and so on.

...and securing web traffic can involve major trade-offs

Securing dynamic, evolving environments like these is a challenge, where every alternative approach has its drawbacks:

- Backhauling traffic to on-premises gateways imposes high latency on roaming and work-from-home users, and costs a fortune in network transport charges.
- Lifting and shifting to gateways to the cloud wastes legacy investments, and risks exposure of on-premises IP, data, and traffic that your security team has spent years defending.
- Managing two security stacks from two vendors can be complex, duplicating policy, training, and operating costs while risking gaps and conflicts in both environments.

...until now!

Symantec® Web Protection allows on-premises Secure Web Gateway (SWG) customers to efficiently support their remote workforce without the need to backhaul traffic or completely overhaul their security stack.

Web Protection increases business agility by supporting any mix of centrally-managed cloud and on-premises user populations, including all-cloud deployments, enhancing the ROI of existing investments, policies and expertise.

Security that Follows the User (cont.)

Unlike other security platforms in the market that force customers to rip and replace their existing SWG infrastructure, our solution helps customers digitally transform at their own speed, using the same user license anywhere.

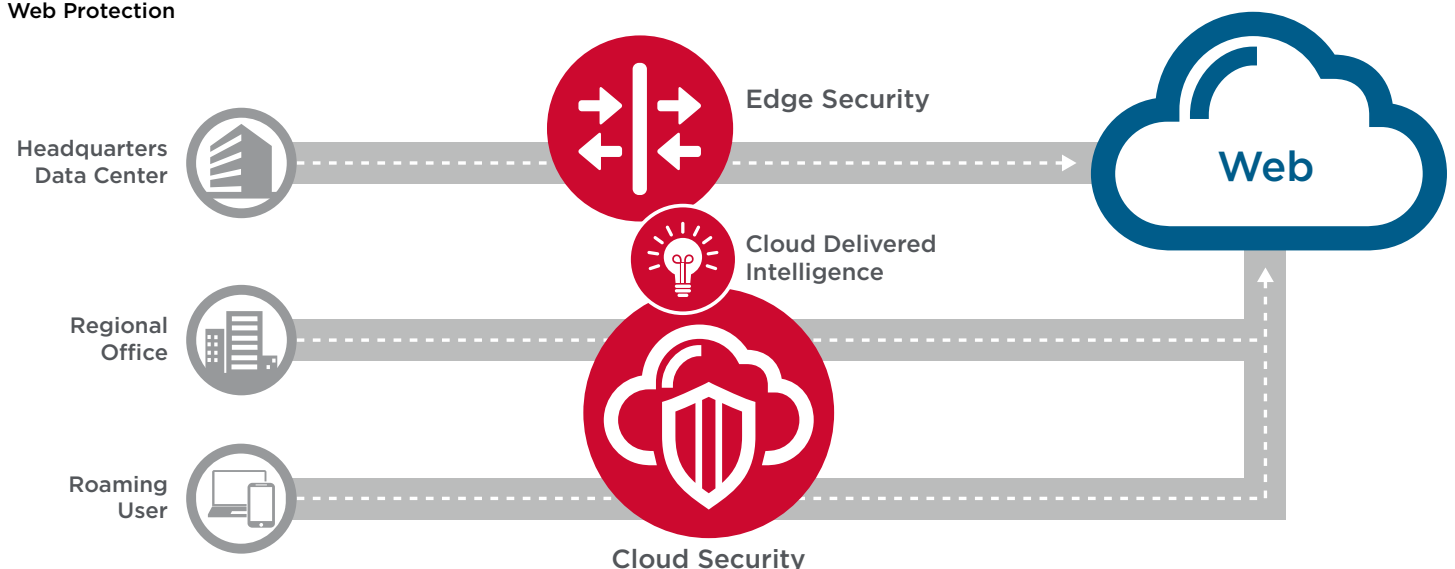
Symantec Web Protection is a simple, cost effective and flexible entry point for the industry's most comprehensive, single-vendor SASE solution. Web Protection is delivered on an advanced, *edge-optimized* network architecture that uses Google's public cloud infrastructure which is closely peered with nearby ISPs, CDNs, and application providers delivering hyperscale, reliability, and high performance.

Symantec Web Protection

Symantec Web Protection gives organizations an advanced cloud-delivered SWG and leading on-premises SWG deployment—both of which can operate seamlessly together with a unified management, reporting, and policy control interface. It also includes a cloud firewall service, threat intelligence, SSL inspection, content analysis, deep file inspection, isolation, reverse proxy, and more.

Symantec Web Protection allows customers to move 100% to the cloud right now. However, Web Protection is also designed for customers who are not ready for full-cloud SWG adoption, yet would like flexibility to begin this journey now or any time in the future. It also serves as an entry-level SASE foundation, enabling secure and fast web access for any user, from any device, located anywhere—protecting users, devices, and data from known and unknown threats across all locations (remote, branch, and HQ).

Web Protection



WEB PROTECTION

- SWG protection on-premises and in the cloud at a fixed cost per user per year.
- Includes security options and integrations at no additional cost.
- Universal Policy Enforcement supports seamless moves to cloud and on-premises.
- Eliminates redundant purchasing, provisioning, training, and management
- Strong foundation for Secure Access Service Edge (SASE) framework

The cloud-native SWG facet of this solution differs from others in the market that are run from single-purpose data centers and fail to protect against advanced threats.

The cloud SWG is deployed across a cloud-native, highly scalable, and performance-intensive infrastructure built on top of a leading cloud service provider (Google). It is the same backbone delivering YouTube, Google Ad Network, and other world class services.

If the flexibility delivers its most important value, the inherent simplicity is not far behind. Behind the scenes, Broadcom has changed pricing and ordering processes to align on a single concept of a per user, per year model. This greatly reduces the complexity of creating a POC, analyzing the value and provisioning the solution. Not only does this enable quicker time-to-value for the customer, the simple and singular approach streamlines the sales cycle. As a result, Broadcom can deliver customers greater value for their investment.

Included Components and Capabilities

With fixed location and cloud-delivered protection available for every user, Symantec Web Protection can be delivered for on-premises, hybrid, or cloud deployment—no matter what strategy has been adopted, or how it changes.

Component	What Is It	What It Offers
On-premises Secure Web Gateway (SWG)	On-premises SWG software delivered as a virtual appliance in your data center.	Market share leading on-premises software deployed on a virtual machine or Symantec hardware (not included).
Cloud Secure Web Gateway (delivered as a Service)	Cloud SWG protection for every user, delivered as-a-service.	Fast, direct-to-net access delivers a better user experience while avoiding costly backhauling.
Content Analysis and Deep File Inspection	Multi-layered inspection and sandboxing blocks threats that elude traditional analysis.	The most effective way to detect and neutralize file-based malware.
Cloud Firewall Service	Next-gen cloud firewall for security beyond standard web ports (80/443)	Control all TCP or UDP traffic based on IP addresses, destination ports, locations, and users and groups.
Management Center and Reporter	Centralized management and reporting for Symantec network infrastructure.	End-to-end visibility and control to raise web security, reduce cloud access risks, and cut operational costs.
Cloud SWG Reporting	Cloud-based logs of traffic from any location.	Extended retention and reporting periods for user traffic data, available from any browser.
Reverse Proxy	On-premises proxy securely isolates general-purpose servers from direct Internet access.	Protect, secure and accelerate web applications and websites.
High Risk Isolation	Isolation and remote execution of content from high-risk and unknown sites.	Remote, containerized execution ensures that only safe rendering information reaches users' browsers.
Intelligence Services (Advanced)	Real-time protection, categorization and application control of web content.	Filters billions of URLs into easily managed categories for precision policy enforcement at the gateway.

Compelling Benefits for Every Stakeholder

Consistent high performance across on-premises and cloud environments makes Symantec Web Protection a user favorite, and the product's maturity, thoughtful design, and global support earn the attention of other enterprise stakeholders.

Users

- Fast, frictionless access to content and applications
- Identical user experience whether working on premises or remotely
- Seamless transition from on-premises to remote work, without mode switching, separate logins, and so on
- Up-to-date threat intelligence and web isolation eliminate need for *over-blocking* websites for security

Network Operations

- High-performance solution built on Google Cloud Platform
- Hyperscale: add new locations or services in hours
- One set of tools and reports simplifies management
- Easy to use: deploy thousands of users per day
- Universal Policy Enforcement covers on-premises and the cloud
- Cloud migrations can be tested, rolled out, or rolled back as needed
- True cloud solution requires no on-premises gear

IT Security

- Wide range of advanced security capabilities ready to be switched on
- A single, familiar ProxySG architecture simplifies policy enforcement and compliance—reducing risk
- Advanced security features included with base license: cloud firewall, SSL decryption, anti-malware, content analysis, log-streaming, and more
- Future-prepared for the SASE framework with integrations for DLP, CASB, Zero Trust Network Access, and more
- Cloud SWG licenses can be provisioned instantly with no additional contracts or purchase orders

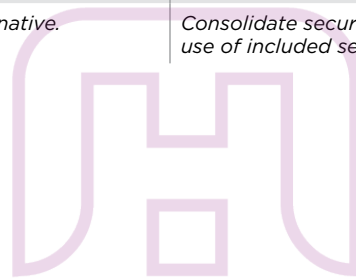
Finance and Executive Management

- Dramatic reductions in backhaul charges from remote work
- Cost savings compared to separate security stacks
- Simplified per-user-per-year pricing
- No duplication of purchasing, provisioning, training, or management overheads
- Full life-cycle utility from legacy SWG investments—no need to *rip and replace*
- Protects against external and internal financial and operational shocks

One Solution for Any Cloud Strategy

Deployment flexibility and management simplicity establish Symantec Web Protection as the best choice for the broadest range of enterprise cloud strategies, and its unparalleled economy and market leadership make the decision easy.

Strategy	Goals	Pathway
On-premises	<i>Protect key data and applications on premises, but expect growth in remote work and cloud applications.</i>	<i>Refresh on-premises proxies with virtual appliances as licenses expire; manage as a single environment.</i>
Cloud-first	<i>Prioritize cloud for economy and rapid scalability.</i>	<i>Protect data and applications using a cloud SWG, employing the full suite of cloud-native security components included with Web Protection.</i>
Hybrid	<i>Anticipate gradual move to the cloud or continued side-by-side.</i>	<i>Adopt Web Protection and seamlessly shift users from on-premises SWG to cloud SWG as needed.</i>
Future-focused	<i>Committed to Secure Access Service Edge (SASE) framework long term but need to manage migration.</i>	<i>Move traffic to the cloud, and maximize use of the foundational SASE capabilities of Web Protection.</i>
Risk-averse	<i>Volatile or uncertain business environment demands a flexibility first posture and quick response.</i>	<i>Protect users and data with cloud SWG, with no hardware or appliance to deploy.</i>
Cost-averse	<i>Prioritize the cloud as a low-cost alternative.</i>	<i>Consolidate security and management under cloud SWG; maximizing use of included security solutions.</i>



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About Broadcom Software

Broadcom Software is a world leader in business-critical software that modernizes, optimizes, and protects the world's most complex hybrid environments. With its engineering-centered culture, Broadcom Software is building a comprehensive portfolio of industry-leading infrastructure and security software, including AIOps, Cyber Security, Value Stream Management, DevOps, Mainframe, and Payment Security. Our software portfolio enables scalability, agility, and security for the largest global companies in the world.

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