

Menlo Security Global Cloud Proxy

Scalable, Elastic Proxy Built for the Cloud



Users are accessing business systems located in the cloud to work more effectively. Such systems were previously located in the customer's perimeter and had to be accessed via VPN to a company-owned data center. Enterprises now choose SaaS offerings most often when purchasing software, yet the typical hub-and-spoke architecture does not provide the expected user experience to access these SaaS services. The answer? Fast Internet access enabled by the Menlo Security Global Cloud Proxy product suite.

Top Use Cases at a Glance

Web Security

- Secure web access based on real-time threat intelligence

SD-WAN Security

- Standards-based integration with SD-WAN providers

Data Protection

- Information security protection via cloud-based DLP

Product Overview

Software as a Service (SaaS) has helped drive innovation by providing tools and applications to anybody who has Internet access. Though the benefits in productivity and collaboration are great, the rapid adoption of SaaS applications is forcing enterprises to rethink their infrastructure. The changes in infrastructure affect security, breaking the traditional centralized security appliance stack architecture.

Organizations need to connect HQ with multiple branches and remote workers from all over the planet. Unfortunately, ensuring secure connections across distances requires the use of leased lines or virtual private network connections (VPNs), which both have drawbacks in speed or cost. Roaming users and new endpoint device types add greater complexity and challenges.

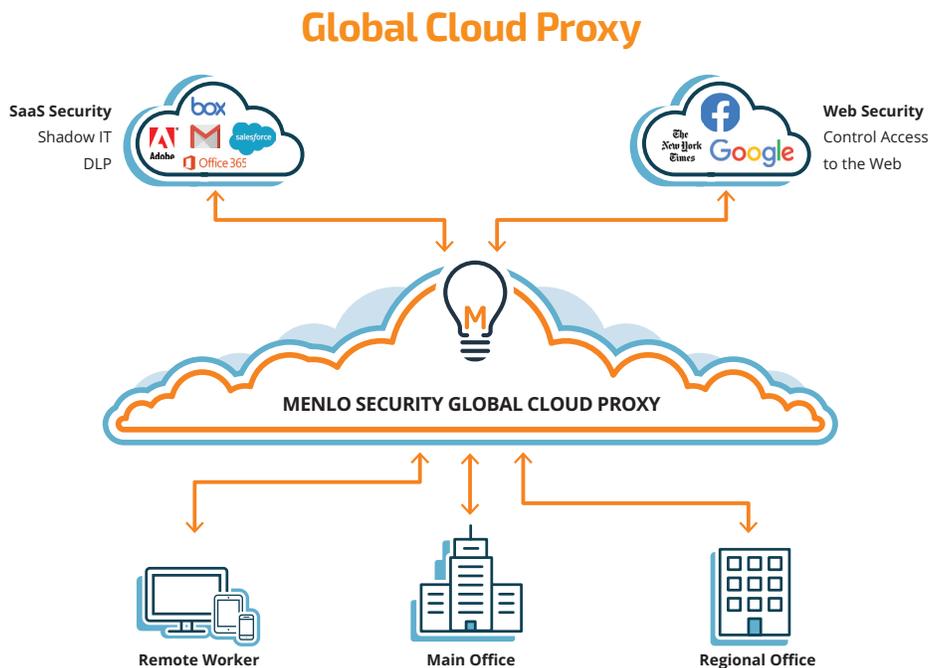
The Menlo Security Global Cloud Proxy is delivered as a resilient cloud proxy service that provides fast Internet access and an optimal user experience. Users access the Internet by sending all web traffic to the Menlo Security Global Cloud Proxy, which is sitting between your employees, wherever they are located, and the Internet. The Menlo Security Global Cloud Proxy protects enterprises from known cyberthreats, controlling and protecting corporate use of the



cloud and the web to ensure compliance with all of the company's web/cloud access policies. Optionally, customers can maintain data security by adding on Cloud DLP to prevent data leaks.

A key aspect of the Menlo Security Global Cloud Proxy is the capability to allow administrators to define protection policies once and distribute them to all web traffic that is forwarded from their configured devices, whether users are connecting directing from a coffee shop or on premises. This same capability enables unique visibility into user web browsing behaviors as well as deep insights into malicious web activity. Enterprises are provided with consistent protection and a core proxy features set, combined with powerful integrated solution options.

Global protection enables customers to rethink their network architecture and implement a local Internet breakout strategy. With Menlo Security's supported redirection methods, customers can seamlessly forward their web traffic from any branch device. The same connectivity fabric enables seamless integration with SD-WAN providers, making the Menlo Security Global Cloud Proxy the smart choice for companies looking to take their first step in deploying enterprise-class proxy capabilities in a cloud-delivered service for a fast, local Internet breakout service.



Key Differentiators

The Menlo Security Global Cloud Proxy suite is built on the Global Elastic Cloud to ensure direct-to-cloud Internet access while providing core proxy capabilities. Being a web proxy, the gateway terminates and proxies Internet traffic, and addresses that traffic through security checks including URL filtering, sandboxing, data loss prevention, anti-virus scanning, cloud access security brokers, and other consolidated technologies.



The Menlo Security approach uses three core differentiators to provide fast Internet access:

Menlo Insights (Reporting Platform)

The Menlo Security Global Cloud Proxy helps enterprises achieve Secure Cloud Transformation and offers dedicated monitoring and forensics capabilities that can analyze users' web browsing and email activity, allowing security teams to quickly identify, respond to, and mitigate risks. Rather than rely on traditional general-purpose log management platforms or SIEM solutions, security and forensics teams are able to use the Menlo Security reporting platform to deliver deep insights into both user activity and protection delivered to customers.

Clearly understand the risks to your organization:

- Access detailed and granular logs of user web transaction and email activity so you can take steps to mitigate vulnerabilities.

Explore and filter data:

- Easily read, analyze, and share raw data through visual charts, CSV format exports, and seamless integration with existing solutions.

Gain insights to keep the organization safe:

- Includes more than 60 predefined, commonly used queries, in addition to the ability to customize with Menlo Query Language (MQL).

Better understand user behavior and how it contributes to risk:

- Seamlessly query event logs and display threats detected by existing AV tools (VirusTotal, Sophos AV, Sophos Sandbox, and ReversingLabs) and threats found in URLs that contain risky, badly formed, or phishing references.

Keep stakeholders informed:

- Rich reporting includes daily, weekly, or monthly automatic reports, or you can create custom reports by selecting multiple queries.

Global Elastic Cloud with Low Latency

Menlo Security has created a Global Elastic Cloud to deliver widely available local Internet breakout service. Businesses rely on local Internet breakout to give their branch and remote workforce faster access to Internet-based services. With Menlo Security, users can connect to the Internet safely from any location in the world without the need to backhaul their web traffic over expensive MPLS connections, which typically impacts user experience negatively. To ensure a seamless user experience, Menlo Security provides globally available Cloud Points of Presence that have a global footprint and can dynamically scale to match surges in traffic patterns while allowing for direct-to-Internet connectivity from anywhere in the world. The Menlo Security Cloud Platform is delivered with high availability, autoscaling, and bandwidth management that is completely transparent to the user. With more than 30 ISO 27001 and SOC 2–certified data centers worldwide, Menlo achieves 99.999 percent



global availability with transparent and automatic failover between data centers—making it possible to fully protect your users no matter where they do business around the world.

Cloud DLP

Menlo Security Cloud DLP discovers and stops sensitive data as it is leaving an organization. Global Custom Libraries allow administrators to create custom data types to monitor unique data types, including most common U.S., Latin American, and East Asian data types. Granular Policy Management enables information protection policies to be quickly enforced across the entire organization and provide instant visibility into risky users in the organization who might be leaking sensitive data.

The Bottom Line

Unfortunately, traditional cybersecurity solutions were not designed for cloud adoption. They were designed for on-prem infrastructures that saw traffic flow into and out of the enterprise through a central gateway, where it could be monitored and blocked if necessary. Now that cloud transformation is happening, users need secure and reliable access to SaaS platforms, web apps, and rich-media websites—wherever business takes them. The Menlo Security Global Cloud Proxy provides fast web access, and at the same time, enables IT departments to scale security services in the cloud to meet the natural ebb and flow of today’s demand while reducing operational costs. By securing traffic flowing into and out of the organization, Menlo enables Secure Cloud Transformation.

The Menlo Security Global Cloud Proxy:

- Provides a direct-to-Internet proxy architecture designed for SaaS.
- Autoscales security and bandwidth to meet growth in the number of users, devices, and applications.
- Centralizes security controls and visibility for data protection.

Menlo Security—Internet Isolation Key Features and Benefits

Feature	Benefits
URL Filtering and Acceptable Use Policy (AUP)	<ul style="list-style-type: none">• Limit user interaction for specific categories of websites (75+ categories)• Control employee web browsing via granular policies (user, group, IP)• Enable User/Group Policy to predictably control bandwidth
Content and Malware Analysis	<ul style="list-style-type: none">• Integrated file analysis using file hash check, anti-virus, and sandboxing• Integration with existing third-party AV and sandboxing solutions• Inspect risky content and detect malicious behavior of all original documents downloaded



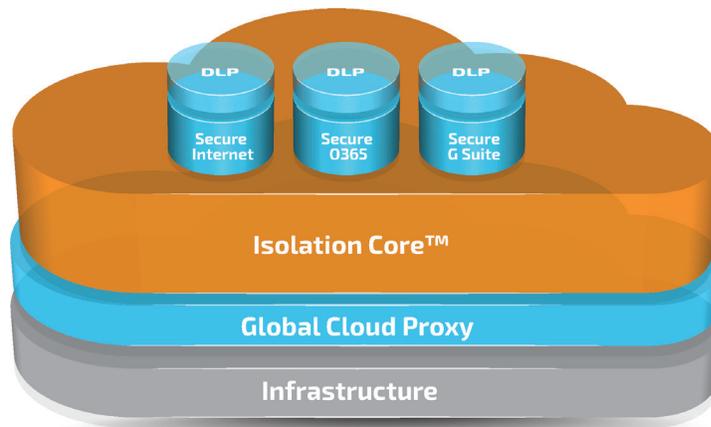
Feature	Benefits
Analytics and Reporting	<ul style="list-style-type: none"> • Built-in and custom reports and alerts with detailed event logs and built-in traffic analysis • Built-in and custom queries for flexible exploration and analysis of data • Export log data using API to third-party SIEM and BI tools
User/Group Policy and Authentication	<ul style="list-style-type: none"> • Fine-tune policies for specific users or groups • Integrates with SSO and IAM solutions with SAML support for authentication of users
Encrypted Traffic Management	<ul style="list-style-type: none"> • Intercept and inspect TLS/SSL-encrypted web browsing traffic • Provisionable SSL inspection exemptions ensure privacy for certain categories of websites • Expose hidden threats in encrypted sessions
Data Loss Prevention (DLP)	<ul style="list-style-type: none"> • Restrict document upload to the Internet • Integration with third-party DLP (both on-premises and cloud-based DLP)
Cloud Access Security Broker (CASB)	<ul style="list-style-type: none"> • Deep visibility of SaaS application traffic to ensure compliance • Integration with third-party CASB solutions • Granular policy control for SaaS applications
Ease of Administration	<ul style="list-style-type: none"> • Centrally configure web security and access policies that are instantly applied to any user on any device • Hybrid deployment support with no differences in a policy • Works with native browsers with broad browser support
Connection Methods and Endpoint Support	<ul style="list-style-type: none"> • Proxy Automatic Configuration (PAC)/Agent-based traffic redirection • IPSEC/GRE network traffic redirection support • Seamless integration with top SD-WAN providers
Cloud Delivery with Fast Access	<ul style="list-style-type: none"> • Global Elastic Cloud with autoscaling and least-latency-based routing allows connectivity from any location • ISO 27001 and SOC 2–certified data centers • Secure and optimal web access for remote sites and mobile users



Menlo Security's Product Suite

The Menlo Security Global Cloud Proxy suite is part of the company's global product suites that have been intentionally crafted to help customers with moving security to the cloud. The four product suites offered by Menlo Security are:

1. **Menlo Security Global Cloud Proxy**—Designed to enable a seamless transition for moving traditional web security to the cloud while enabling a local Internet breakout strategy with or without SD-WAN integration.
2. **Menlo Security Secure Internet Access**—Delivered on top of the Menlo Security Global Cloud Proxy to provide core proxy capabilities, as well as the ability to eliminate web threats via Menlo Security's Isolation Core™ and data protection capabilities in the form of Cloud DLP and/or CASB services.
3. **Menlo Security Secure Office 365**—Ensure that Office 365 deployments remain secure without user performance degradation when accessing Office 365 applications via the Menlo Security Global Cloud Proxy. Menlo Security's Isolation Core™ uniquely protects against malicious email links and attachments as part of this suite. Optionally, the suite allows customers to add on data protection capabilities in the form of Cloud DLP.
4. **Menlo Security Secure G Suite**—Customers are adopting G Suite email, and with the Menlo Security Isolation Core™, they are protected from malicious email links and attachments. Optionally, the suite allows customers to add data protection capabilities in the form of Cloud DLP.



To learn more about how to ensure secure cloud access for your employees without posing a risk to the organization, visit menlosecurity.com or email us at ask@menlosecurity.com.

About Menlo Security

Menlo Security protects organizations from cyberattacks by seeking to eliminate the threat of malware from the web, documents, and email. Our cloud-based Isolation Platform scales to provide comprehensive protection across enterprises of any size, without requiring endpoint software or impacting the end-user experience. Menlo Security is trusted by major global businesses, including Fortune 500 companies and financial services institutions.

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