Menlo Security

Secure Office 365
Secure, Low-Latency Connection to Office 365

Office 365

Traditional hub-and-spoke network architecture is ill-equipped to handle the bandwidth and user requirements of Office 365 (O365). Poor network performance frustrates users and prevents enterprises from realizing the full benefits of this widely used SaaS application.

Menlo Security Secure O365 product suite combines the select benefits of our Cloud Proxy technology and Email Isolation to provide a powerful solution for your distributed network architecture.

Top Use Cases at a Glance

Cloud-Centered, Direct-to-Internet Architecture

- Improve the speed of access to Office 365 while maintaining security

- Saves network administrators the time and hassle required to update firewalls in branch locations, organization-wide

Email Attachment and Link Isolation

- Configure attachments to open or print in read-only mode by default

- Open links in isolation to prevent exposure to fake sites or other malicious behavior

Product Overview

SaaS services such as O365 require a growing number of persistent connections to maintain operability. In contrast, security appliances often cap the number of persistent connections at certain price points, requiring costly upgrades of physical hardware. Businesses face the decision of purchasing increasingly expensive security appliances or allowing users to connect directly to the open Internet insecurely.

With Secure O365, we enable businesses to sidestep the shortcomings of traditional network architecture by allowing direct-to-Internet connections through our Cloud Proxy and protecting email links and attachments through our Isolation Core™. The combination of these technologies allows us to provide greater email security while utilizing fewer network resources.

Secure O365 takes advantage of specific elements of our Cloud Proxy and Email Isolation capabilities to provide a set of tools designed to protect your network.

Email Link and Attachment Isolation

Menlo Security offers a powerful solution for businesses looking to overcome the limits of traditional hub-and-spoke architecture while maintaining security at one of their most vulnerable avenues for attack.

According to a Verizon study, 94 percent of malware attacks start from email attachments. Email attacks commence after a user clicks on an email attachment or follows a link to a suspicious website. The attacks are multi-layered, as criminals often disguise the attack by sending an email from a trusted source.

Secure O365 prevents email link and attachment threats by opening the attachment or link in the cloud rather than on the user's device. The attack is thus rendered ineffective, because it never enters the network to wreak havoc.

When a user clicks a link, the content is rendered in read-only mode on the device and form inputs based on the web page are disabled. Read-only mode eliminates the initial opportunity for users to fall victim to spoofed or misleading URLs that can misappropriate credentials and other information.

In the rare event that a user requires access to the original file, we also protect your network with anti-virus and sandboxing services. Files are scanned and reviewed before opening, including compressed documents such as zip files.

Email Isolation

ISOLATION PLATFORM

FETCH
EXECUTE

Secure
Email Gateway

FETCH
EXECUTE

Malicious Emails

User
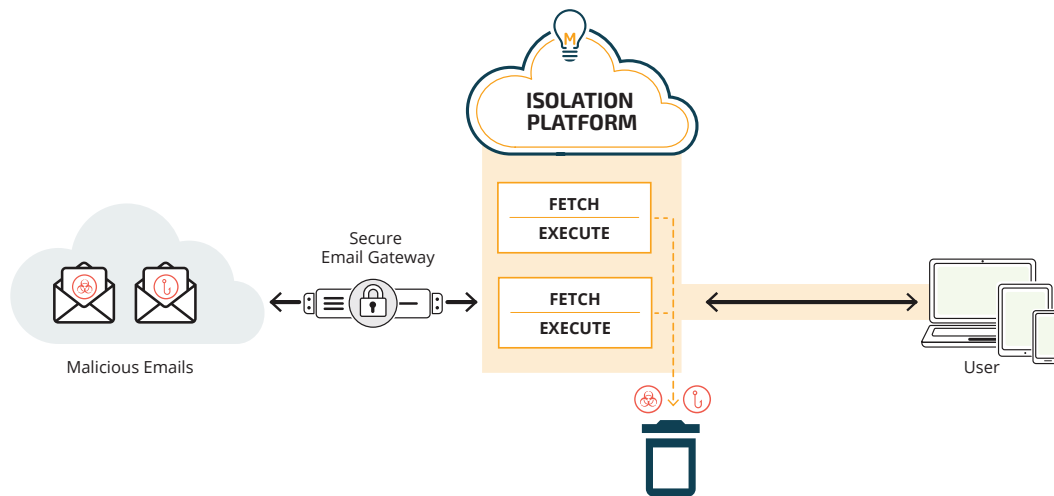
Key Differentiators

Menlo Security's Secure Office 365 solution relies on our cloud-first approach to network architecture and our Isolation Core™ technologies.

Menlo Direct Office 365 Connectivity

Menlo Security peers with Microsoft Office 365 in major data centers around the world to deliver connection times between the user and Office 365 applications in less than 10 milliseconds.

The Menlo Security Isolation Core™ for 100% Security

Isolation Core™ makes links and attachments safer. Link Isolation opens potentially harmful links in an isolation environment or blocks known bad sites. Attachment Isolation opens attachments in read-only mode in the cloud, allowing for safe viewing without the risk of direct downloads.

The Isolation Core™ technology works by rewriting all incoming HTTP and HTTPS web code into our cloud space, a process that neutralizes harmful code.

Isolated Access to the Internet
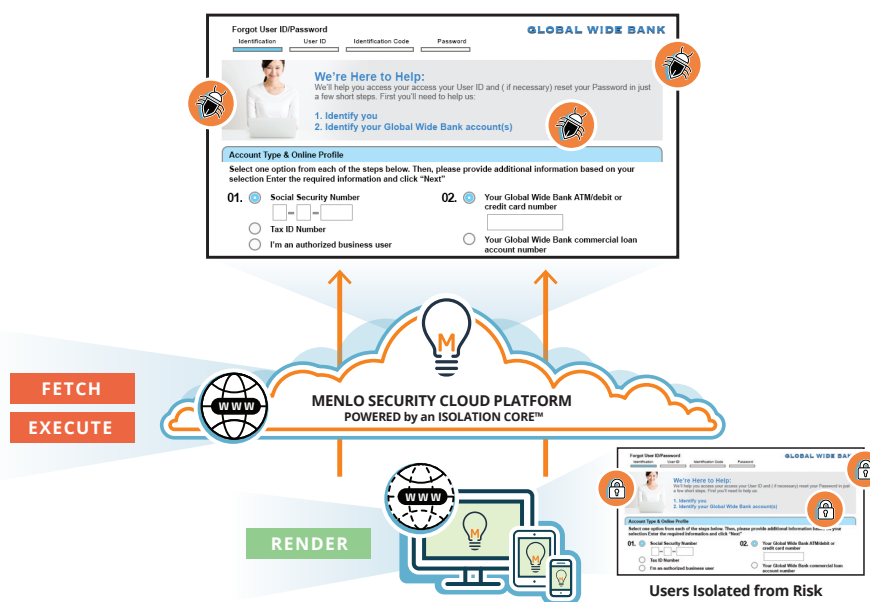
Global Elastic Cloud with Low Latency

Menlo Security has created a Global Elastic Cloud to deliver widely available local Internet breakout service to overcome the limits of security appliances and the costs of expensive MPLS connections. Users can connect to the Internet safely from any location in the world, without the need to backhaul their web traffic through our global Points of Presence cloud that can dynamically scale to match surges in traffic patterns.

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 data center failover—we make full protection with reliable connectivity possible no matter the location.

Menlo Insights

The Menlo Security Secure Office 365 solution utilizes the Menlo Security Global Cloud Proxy to deliver world-class analytics and reporting to assist administrators in managing their network. We help admins track past user activity and locate potential problem users in the network with frequent security alerts. When combined with our

full suite of capabilities—including Cloud DLP—we help transform your security operations to promote Secure Cloud Transformation.

Cloud DLP

Cloud DLP with Menlo Security is an add-on product that enhances data security for networks by identifying and stopping sensitive data from leaving the organization. Cloud DLP features 300+ globally focused libraries to cover the most common data types in the U.S., Latin America, and East Asia.

- Create custom libraries to match proprietary data types and formats.

- Manage an entire organization granularly with our intuitive dashboard that allows admins to pinpoint specific risky users.

The Bottom Line

Secure Office 365 from Menlo Security improves user experience and reduces costs associated with leased lines by providing network users with a safe, direct-to-Internet connection. To protect against malware attacks, Menlo Security provides Email Link and Attachment Isolation. Email Link Isolation safeguards against dangerous link-based URLs, and Attachment Isolation opens documents safely in the cloud in read-only mode. Networks are further secured with anti-virus scanning and sandboxing capabilities. What if you could ensure secure cloud access for your employees without posing a risk to the organization?

Menlo Security—Internet Isolation Key Features and Benefits

| Feature	Benefits
Email Link Isolation	• Read-Only Mode, Safeguards against users entering critical user credentials into web forms on isolated websites • Visibility into User Behavior, Allows administrators to determine which users are clicking on potentially risky links, causing the most risk to the organization • Teachable Moments, Provides configurable, real-time warning messages for users that offer additional corporate phishing-awareness training
Email Attachment Isolation	• Safe viewing of documents by executing all active or risky active content in the cloud, away from the endpoint • Option to download safe cleaned or original versions of documents • Granular policies to limit document access based on file type and user

Feature	Benefits
Analytics and Reporting	• 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
Encrypted Traffic Management	• 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)	• Restrict document upload to the Internet • Integration with third-party DLP (both on-premises and cloud-based DLP) • Isolation Core™ provides increased visibility for on-premises solutions
Ease of Administration	• 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	• 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	• 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 Secure Office 365 product 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.
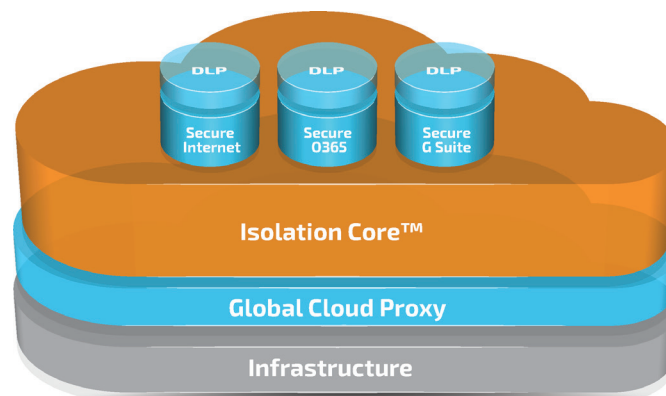
To learn more about how to secure Office 365 access for your employees without posing a risk to the organization, visit menlosecurity.com or email us at ask@menlosecurity.com.

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.
© 2020 Menlo Security, All Rights Reserved.

Contact us
menlosecurity.com
(650) 614-1705
ask@menlosecurity.com