Cloud Data Loss Prevention

Global Control and Visibility of Enterprise Data

Whether by accident or malicious intent, people may release Social Security numbers, credit card numbers, and other sensitive data that should not be publicly available. The highly distributed and cloud-centric nature of business adds an extra layer of challenge for security professionals. Businesses need a solution to prevent sensitive data from leaving the company that can be adopted into a larger data security framework.

Menlo Security's Cloud Data Loss Prevention (Cloud DLP) Suite offers a solution that organizations of any size can use to stop data leaks.

Top Use Cases at a Glance

Data Privacy and Compliance

- Prevents data exfiltration for improved HIPAA and PCI compliance, as well as general data privacy
- Menlo Security Isolation Core™ provides 100% reliable data inspection

Robust Libraries for Data Inspection

- More than 300 out-of-the-box data types for quick implementation
- Customizable data types for flexibility

Improve Your Architecture

- Works within a hybrid or cloud environment
- Full SSL Inspection of traffic

Product Overview

Companies are run by people and people often make mistakes. When an employee accidentally uploads Social Security numbers (SSNs) or other sensitive data, businesses may be liable for damages from the error of a single person.

Menlo Security's Cloud Data Loss Prevention (DLP) product suite identifies and prevents sensitive data from leaving your company. We provide 100 percent reliable inspection of all file uploads and user input because our Isolation Core™ controls the channel between the user and the isolated browser, allowing the system to inspect everything.

Combined with our Isolation and Cloud Proxy technologies, the Menlo Security Cloud DLP solution helps organizations monitor every device in the ecosystem with 100 percent reliable data inspection.

Menlo Security's Cloud DLP works by first identifying and tagging specific data types deemed sensitive by file type, regular expressions, or set data-type libraries. The data can be either within a file (such as an Excel spreadsheet) or a browser web form with user input.

Because our platform has control over the channel on which data travels, we can reliably observe all data egress regardless of JavaScript manipulation or obfuscation. This means our Cloud DLP can observe potential data leaks that arise from email, email attachments, browser submission forms, and nonbrowser traffic.

Cloud DLP Is an Add-on to Other Menlo Security Products

Cloud DLP is a SaaS service that can be added to any of Menlo Security's products. User traffic is organized using our Global Cloud Proxy to ensure safe Internet access and is analyzed with SSL Inspection. Then Cloud DLP policies are enforced globally and consistently for every user and device with our cloud-managed dashboard.

By combining our cloud proxy and isolation technologies, Cloud DLP with Menlo Security expertly handles data-loss exfiltration in large, distributed organizations with cloud-centric (SaaS-based) work environments.

Key Differentiators

Isolation Core™

Isolation is critical for full data inspection. For web pages viewed without isolation, JavaScript may ultimately control how submission forms or files are uploaded to the network. Often, web pages may obscure the upload process, which prevents traditional DLP solutions from decoding the submissions. The result is data loss prevention that works "some of the time," but not reliably.

Customers with on-premises legacy DLP solutions have limited visibility into data that is uploaded or stored in the cloud. The advantage of our Isolation Core™ is the ability to provide unparalleled control and visibility across the entire ecosystem of devices while maintaining the benefits of a cloud-based architecture, such as direct-to-Internet connections. Customers who expect a robust solution that works for 100 percent of use cases should adopt Menlo Security's Cloud DLP with Isolation.

Internationally Inclusive Dictionaries

Menlo Security maintains a library of more than 300 data categories from all over the world, which positions us as a global leader in the number of sensitive data types covered.

Data such as SSNs or FICO scores are U.S.-specific and have little relevance in Singapore or Brazil. Our Cloud DLP solution is globally inclusive, however, and we continually add new libraries of data types as our clients' needs grow.

Menlo Insights for Logging and User Education

Menlo Security Cloud DLP 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. Admins can then encourage policy violators

to reform their risky behavior through the use of banners that educate them on proper data-handling practices.

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

The Bottom Line

Menlo Security Cloud DLP identifies and prevents sensitive data from leaving your company, reducing the risk of costly and embarrassing data loss incidents. Our Isolation Core™ uniquely controls how information enters and exits the network, which allows us to provide 100 percent reliable data inspection and user input.

## Menlo Security—Internet Isolation Key Features and Benefits

Feature	Benefits
Cloud DLP with Isolation	• Our platform discovers and stops sensitive data as it is leaving an organization • 100% reliable data inspection with Isolation • Full SSL traffic inspection
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
User/Group Policy and Authentication	• Apply policies quickly across the entire organization • Reporting tools to help admins keep track of their environment • Locate risky users in the organization
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
Robust and Custom Libraries	• 300+ out-of-the-box libraries • Create custom data types to monitor unique data types • Inclusion of most common U.S., Latin American, and East Asian data types
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

Menlo Security's Product Suite

The Menlo Security Cloud DLP 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, as well as optionally adding data protection capabilities in the form of Cloud DLP and/or CASB services.

2. **Menlo Security Secure Internet**—The Menlo Security Global Cloud Proxy suite with the additional focus of eliminating web threats with an Isolation Core™, and optionally adding 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 data protection capabilities in the form of Cloud DLP for email.

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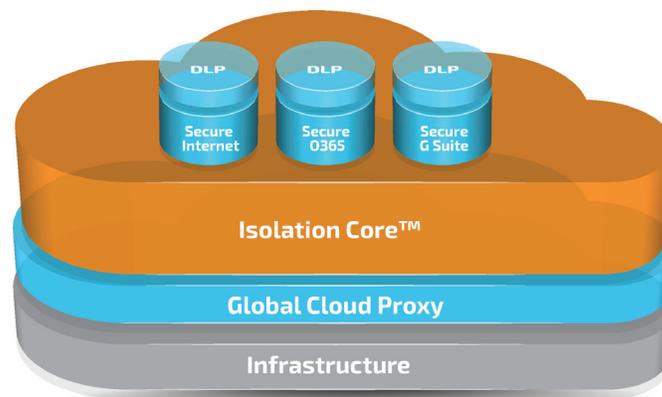
To learn more about how to prevent data loss and ensure secure cloud access for your employees without posing a risk to the organization, visit menlosecurity.com or email us at ask@menlosecurity.com.

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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