

Global Cloud Proxy Enables VPN Split Tunneling

Ensuring Remote Workers Are Secure and Productive

Benefits:

- No additional IT overhead
- Reduce VPN traffic by more than 70 percent through split tunneling
- Secure Internet access and email

The way we work will never be the same. The COVID-19 global pandemic has forced millions of people to work from home. However, the explosion in the number of remote workers is putting unbelievable pressure on companies' virtual private network (VPN) infrastructure capacity, slowing user experience to a crawl and impacting productivity at an already difficult time.

Split tunneling alleviates these concerns by routing Internet traffic directly to the Internet and ensuring that internal traffic destined for the corporate network goes through the VPN. This configuration can reduce VPN traffic by more than 70 percent—giving remote users secure access to internal applications without overburdening infrastructure with traffic that is just going to and from the Internet.

VPN Split Tunneling Exposes Users to Malicious Threats

The problem with VPN split tunneling is that traffic connecting directly to the Internet is unsecured, putting the user at risk from malware, ransomware, credential theft, and other web-based threats. It could also result in the loss of data visibility and control, rendering security for data loss protection (DLP)—which is critical for compliance—ineffective.

In times of crisis, operational agility is essential. The number of employees required to work from home could rise or fall drastically overnight, and many organizations need global coverage to protect an increasingly mobile and distributed workforce. A new cybersecurity approach is needed—one that is globally distributed, is built on a multi-tenant architecture, and has the elastic scale to add users without the deployment of new hardware.

Security without Compromise

The only way to secure Internet traffic that bypasses the VPN is to deliver security services through the cloud. Cloud security ensures that policies follow users wherever they log in—whether it's from corporate headquarters, a remote office,



Employees forced to work from home in times of emergency can access the Internet, the corporate network, and on-premises business systems without posing a security risk to the organization.

a customer site, or public Wi-Fi. The Menlo Security Global Cloud Proxy acts as the central security control point for all traffic, providing a ubiquitous and separate security layer in the cloud through which all web traffic flows. This layer is where security policies can be applied, ensuring policy enforcement regardless of whether the user is behind a firewall or logging in from public Wi-Fi.

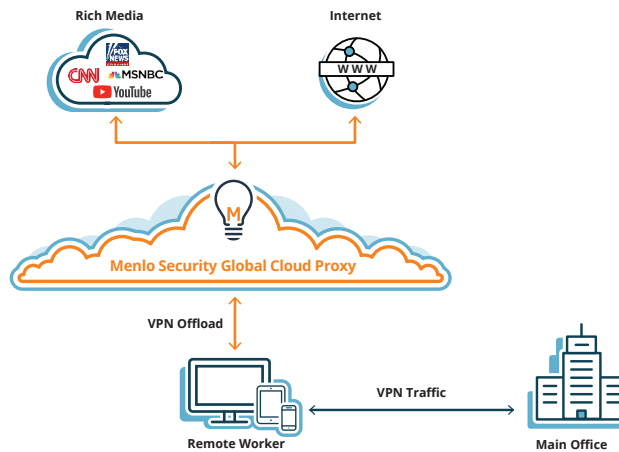


Fig. 1: Spilt Tunnel Traffic Flow—Relieve your VPN the with Menlo Security Global Cloud Proxy

The Menlo Security Global Cloud Proxy platform is also where malicious traffic is blocked, while all other traffic is isolated far from the end-user device. It doesn't matter if there's a known or unknown vulnerability on the endpoint, because no content—whether it is malicious or not—is executed on the user's endpoint. Menlo Security updates its browsing engine as soon as possible—providing protection for endpoint devices even before they are patched individually.

Enable Business Continuity and New Work-from-Home Realities

Coupled with VPN split tunneling, the Menlo Security Global Cloud Proxy with an Isolation Core™ ensures that security policies are applied to all traffic without overwhelming bandwidth and capacity. Employees who need to work from home can access the Internet and the corporate network without posing a security risk to the organization. Users can click with impunity, knowing that they are always protected and that they can get work done, whatever natural calamity or geopolitical event gets thrown their way. Business continues as normal.

To find out how [Menlo Security](#) can help you empower remote workers with secure Internet access, contact us at ask@menlosecurity.

About Menlo Security

Menlo Security protects organizations from cyberattacks by eliminating the threat of malware from the web, documents, and email. Menlo Security has helped hundreds of Global 2000 companies and major government agencies achieve Secure Cloud Transformation. The Menlo Security Cloud Platform scales to provide comprehensive protection across enterprises of any size, without requiring endpoint software or impacting the end-user experience. The company was named a Visionary in the Gartner Magic Quadrant for the Secure Web Gateway.
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Contact us
menlosecurity.com
(650) 614-1705
ask@menlosecurity.com

