

Todyl's Secure Global Network

Todyl's Secure Global Network connects all of a business's devices to an isolated, enterprise-grade, global cloud network with unmatched protection, privacy, and security built-in. Businesses leveraging Todyl can reduce their operating costs by eliminating expensive hardware, improve productivity by removing low performance VPNs, empower employees with mobility, and reduce the risk of business interruption from a cyberattack, or financial hardship and reputation damage from a breach.



High-Performance, Seamless Experience

The SGN is a distributed, high-performance secure network with Points of Presence (PoPs), or datacenters, across the globe. These PoPs create a closed-loop, global network for the devices in your business, providing your organization with secure connectivity as your employees connect from the office, satellite offices, home, while traveling, and from public Wi-Fi.

The SGN features multiple layers of enterprise-grade protection to identify and block threats, along with a ZeroTrust network design to secure internal traffic and prevent the spread of malware and other attacks. Additionally, each connection is anonymized and encrypted, helping to prevent prying eyes from collecting browsing information.

Todyl's PoPs are strategically connected to top tier Internet Service Providers and exchange points shared with other cloud service providers to reduce latency and improve the performance of remote connections.

Prevent the Spread of Threats

Traditional networks lack device-level VPN control and are unable to inspect internal network traffic. This combination of security gaps allow modern threats such as Ransomware to easily spread internally. The SGN utilizes a ZeroTrust architecture, meaning all traffic - even between computers on the same network - has policy enforced and is inspected for threats, helping to identify and stop the spread of attacks.



Secure DNS

DNS is the first line of defense against phishing and malware. DNS is the 'phone book' of the internet, translating domain names to the IP addresses they represent. Todyl's Secure DNS ensures that the domains you are visiting do not contain malicious material, and aren't being used to phish credentials from your employees.



Global Firewall

Most networks lack device-level policy, treating all remote access devices the same when employees are connecting from home or while traveling. Todyl's SGN enforces policy at the device level, limiting access to sensitive data and networks, reducing the risk of a breach, along with preventing threats and bad actors from moving across the network.



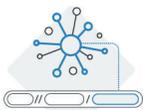
Intrusion Prevention and Detection

Our Intrusion Detection & Prevention layer analyzes traffic for threats, malicious activity, and abnormal behavior. The SGN leverages intelligence-driven IDS/IPS to deliver virtual patching when possible, reducing the announcement-to-patch deployment gap of widespread threats.



SSL Inspection

SSL connections (For example, HTTPS websites) were designed to strengthen security, however, 70% of attackers are using the same technology to hide from security solutions. The SGN inspects SSL traffic for threats, blocking threats and threat actors hiding within encrypted communications.



Malicious URL Defense

Attack methods are evolving. Threat actors are now leveraging trusted domains to host malicious files and sites, which many security products cannot block. The SGN inspects the entire URL for threats, catching malicious sites, content, and files missed by other security products.



Malware Scanning

The SGN utilizes a Web Proxy to inspect downloads for threats such as malware before it can hit your network. You can also enable Todyl's Advanced Threat Detection technology, which utilizes over 30 of the world's leading anti-virus and anti-malware engines to scan and block malicious files being downloaded.



Content Filtering

Companies that don't restrict internet activity lose almost 1 month, per year, per employee to non-work-related browsing. Todyl includes 72 categories of content filtering with granular controls to minimize non-work-related activity.



Security Information and Event Management

Also known as SIEM, these powerful systems are generally reserved for companies with large security budgets. Todyl makes SIEM cost-effective for all businesses, aggregating events and alerts from the SGN into a centralized portal. Perform forensics, understand browsing behaviors, and identify trends with ease.