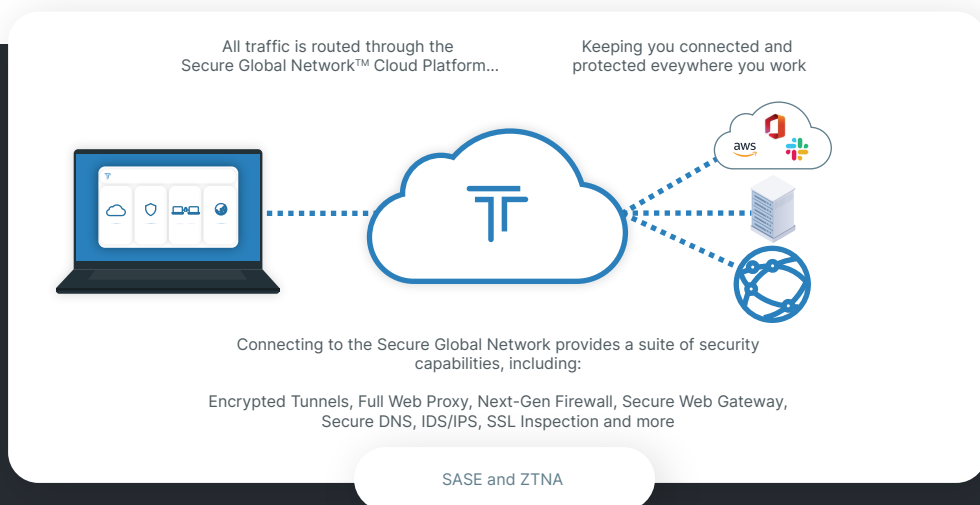# Todyl

SASE Secure Access Service Edge

Empower your business with always-on security & frictionless connectivity

Over the last few decades, the way businesses operate has fundamentally changed. Applications live in the cloud and employees work from everywhere. Unfortunately, traditional network security solutions such as hardware firewalls and VPNs can't meet the security and connectivity needs of today, leaving businesses vulnerable, unproductive, and employees frustrated.

Todyl's purpose-built SASE module provides low latency, secure connections to any resource, regardless of where users connect. It unifies several different networking and security technologies into a single platform, eliminating the cost, complexity, and blind spots from stitching together dozens of network security solutions.

Todyl's SASE delivers Zero Trust Network Access (ZTNA) where user identities determine which applications or services they can access, preventing access from unverified devices and stopping lateral movement across the network. ZTNA leverages a deny-by-default design to protect users, devices, and business resources.

All traffic is routed through the Secure Global Network™ Cloud Platform...

Keeping you connected and protected eveywhere you work

Connecting to the Secure Global Network provides a suite of security capabilities, including:

Encrypted Tunnels, Full Web Proxy, Next-Gen Firewall, Secure Web Gateway, Secure DNS, IDS/IPS, SSL Inspection and more

SASE and ZTNA

Benefits

Defense in Depth
Integrated layers of security delivered at the edge for consistent defenses to significantly reduce risk

Complete Visibility and Control
Gain comprehensive visibility across environments regardless of where people work while Zero Trust Network Access (ZTNA) delivers granular access control

Global, Low Latency Connections
Users connect to Todyl's closest Point of Presence (PoP) via encrypted tunnels and traffic is intelligently routed to reduce latency without the need to provision gateways

Highlights

Converged Networking and Security
Always-on, encrypted connections to any resource support dynamic access needs while eliminating clunky VPNs and expensive hardware firewalls.

Reduces Attack Surface Area
A Software Defined Perimeter (SDP) hides Internet-connected infrastructure from non-verified users, virtually eliminating attack surface area.

Built-in Privacy VPN
Encrypted connections and masked IP addresses prevent IP-based tracking for security and privacy.

Superior User Experience
Users have a seamless experience in and out of the office, with automatic encrypted connections and the option to MFA to access sensitive resources.

Easy to Customize
The built-in security and networking features are highly customizable, allowing you to configure based on your unique needs or existing technology investments.

The Backbone of Todyl's SASE: The Secure Global Network™ (SGN) Cloud Platform

Todyl purpose-built the SGN Cloud Platform from the ground-up based on Zero Trust principles. Each element provides another layer of security and works together seamlessly, empowering businesses with highly effective security, frictionless connectivity, and granular control everywhere they operate.

Key Capabilities

Cloud-Native Architecture

The Todyl SASE architecture unifies a full suite of networking and security capabilities in the cloud. With Points of Presence (PoPs) around the globe, a private fiber backbone that intelligently routes between PoPs, and connections to every tier 1 provider and major ISP in the world, Todyl reduces latency and improves resiliency while delivering connectivity, security, and access control policies that work everywhere.

Next-Gen Firewall

Todyl's Next-Gen Firewall secures traffic and helps businesses enforce granular access control policies down to a user and device level. As a cloud-based firewall, it eliminates the need for expensive hardware and ongoing firewall updates while making it easy to scale without complex set-ups.

Wi-Fi Security and Privacy VPN

Wi-Fi Security and a built-in Privacy VPN secures traffic on public and untrusted networks automatically. All traffic on public and untrusted networks is secured automatically. If traffic is destined for the Internet, the IP address is masked, hiding users from IP-based tracking.

Identity Integration

Todyl integrates with Identity providers, allowing businesses to deploy conditional access policies and multi-factor authentication (MFA).

Secure Remote Access

With Todyl's SASE, it's easy to enable encrypted, device-to-device communications with granular access control based on Zero Trust, leveraging either point-to-point internal IPs or restricting access via public IPs for flexibility.

Zero Trust Network Access

Todyl's ZTNA provides secure, encrypted connections to resources that users are authorized to access, eliminating the need for VPNs. ZTNA leverages deny-by-default policy control to prevent access from unverified devices and stop lateral movement.

Software Defined Perimeter

Todyl's SASE features a Software-Defined Perimeter to control access to applications and services in the cloud or on-premise. This helps prevent attacks by hiding infrastructure from non-verified users.

Secure Web Gateway

Todyl unified several security features in the cloud that work together in concert to enforce policy, filter out unsafe content, safeguard data, and prevent risky behavior while providing complete visibility of network traffic.

URL and Content Filtering

Performed in the Web Proxy, Todyl's content filtering considers the entire URL to provide more granular classifications, enabling you to allow or deny access to a specific page rather than the website as a whole.

Full SSL Inspection

Todyl leverages transparent inspection to examine traffic between client and server, providing effective threat protection at scale.

Secure DNS

Todyl's built-in Secure DNS proactively identifies and redirects malicious hostnames.