

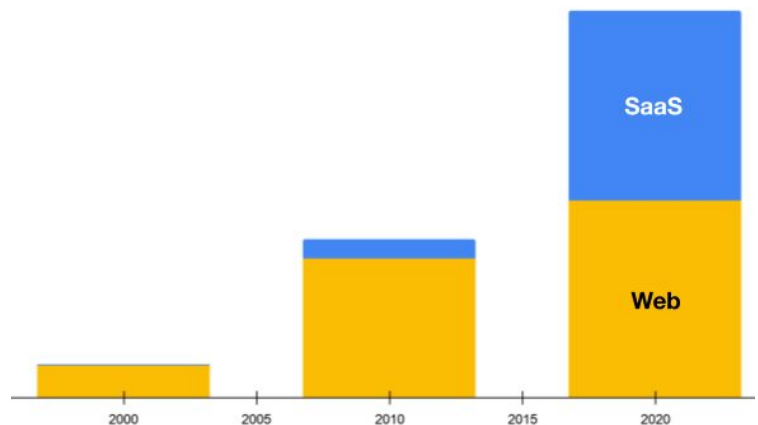
Securing the Modern Enterprise with SASE: Integrated SWG+CASB

The Need for SASE: Integrated SWG + CASB

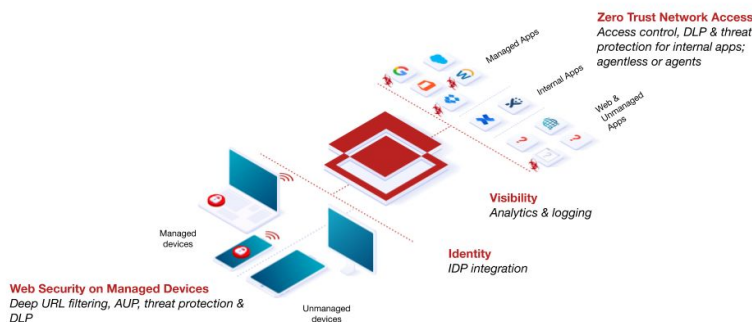
With growing SaaS adoption, SaaS traffic is a significant portion of HTTP(S) traffic at the modern enterprise. Whether users are on-site or working remotely, they need direct access to SaaS apps and the Web from both managed and unmanaged devices. At the same time, external threats via Web traffic have become intertwined with data breach risks via SaaS traffic through exfiltration, phishing and account takeover.

While CASB technology secures SaaS traffic, and SWG technology secures Web traffic, the evolving and intertwined threat landscape demands an integrated SASE solution comprising CASB+SWG technologies.

Enterprise HTTP(S) Traffic



SWG Requirements for Securing Web Traffic



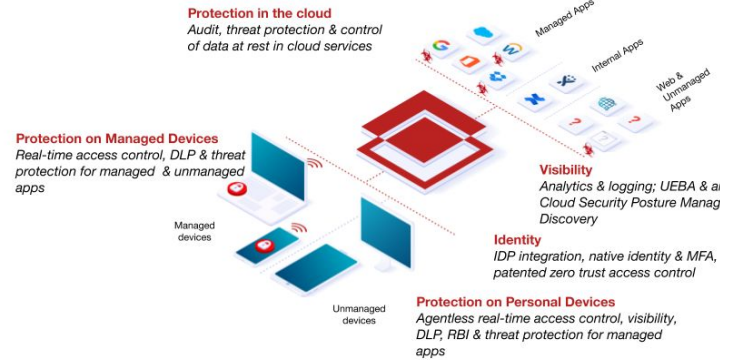
A SWG must inspect Web traffic on managed devices to enforce the following:

- URL filtering & Acceptable Use Policies
- Threat protection
- Upload DLP to the Web
- IdP integration for user identification
- Visibility & logging
- Zero Trust Network Access for private applications

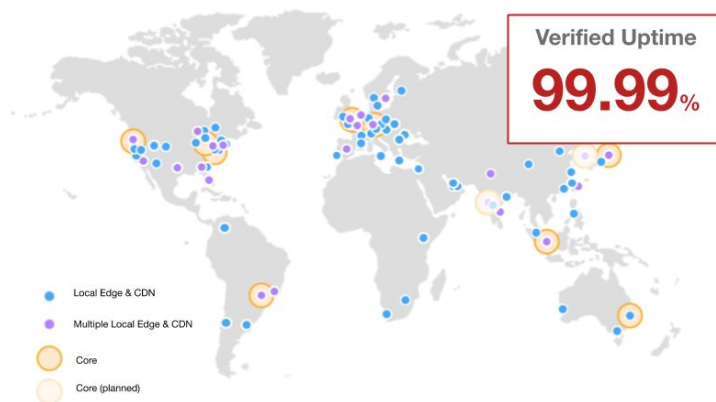
CASB Requirements for Securing SaaS Traffic

A CASB must inspect SaaS traffic in the cloud, and on both managed and unmanaged devices to enforce the following:

- In the cloud: Audit, threat protection & control of data at rest in cloud services
- On managed devices: Instance-aware, real-time access control, DLP & threat protection for managed & unmanaged apps
- On unmanaged devices: Agentless real-time access control, visibility, DLP, & threat protection for managed apps
- Zero Trust Access Control
- Visibility & logging of all SaaS transactions
- Discovery of Cloud Usage Risk



Business Continuity with Integrated SWG+CASB



An integrated SWG +CASB solution must ensure business continuity via the following:

- Verified & published uptime
- Scalability: Solutions based on the public cloud are scalable & resilient
- Low latency: Intelligent policy enforcement on end-user devices avoids backhaul to choke points.
- Verifiable performance metrics

Summary

With the growth of SaaS, HTTP traffic in the enterprise is a mix of both SaaS application traffic and Web traffic. Securing both is beyond the reach of legacy SWG, and requires an integrated SWG + CASB solution.