Lumen® SASE with Versa

Next Generation Firewall (NGFW)

Versa Next Generation Firewall includes decryption capabilities that perform macro and micro segmentation in addition to full multi-tenancy providing complete protection inside, outside, and along the border of the enterprise.

Due to the rise of cloud-based applications, remote work, and mobile devices, the expanding enterprise perimeter is becoming more of a point of concern where the growing attack surface can lend itself to a host of external threats.

Securing the data center and branch offices is complicated and backhauling all branch traffic through a centrally deployed firewall in the data center is inefficient, introduces latency, and negatively impacts application performance.

Versa enables the identification of users, flows, packets, and applications while establishing, monitoring, and automatically adjusting security and network policies based on threats, vulnerabilities, and changes in the network environment.

Intelligent NGFW security for enterprise needs.

Versa NGFW is dynamic and encompasses the contextual intelligence and awareness of users, devices, sites, circuits and clouds; enabling robust and dynamic policies to achieve a multi-layered security posture. IT teams can deploy contextual network and security policies for specific users and specific devices, such as anti-virus and URL-filtering, when utilizing particular site-to-site or internet links.

In addition, all connectivity is based on industry standard IPsec tunnel encapsulation and all traffic is encrypted and secure. IT security teams can set unique security policies, differentiated services or security service-chains for guest access, corporate access, and partner access networks at the branch. This enables the enterprise to meet business security and compliance policy requirements — all with a single unified software platform.

Versa Next Generation Firewall benefits

Multi-layered security

Threat awareness across users, devices, sites, and circuits accessing applications and data in the data center, or in the cloud.

Flexible policies

Specify security polices across individuals and the devices they use to gain access to services, applications, networks, and data.

Segment your user base

Segment access policies for guests, partners, and employees to secure highly compliant resources while meeting customer and partner requirements.

LUMEN® TECHNOLOGIES

VERSA NETWORKS

Versa's Next Generation Firewall (NGFW) offers comprehensive security.

- **Stateful Firewall**
  Zone-based Firewall, support Address Objects, Address Groups, Services, Geo-Location, Time-of-Day, Rules, Policies, Zone Protection, DDoS (TCP/UDP/ICMP Flood), Syn-cookies, Port-scans, ALG support, SIP, FTP, PPTP, TFTP, ICMP, QAT support.

- **Application visibility**
  Identifies more than 3,000 applications and protocols, Supports Application groups, Application filters, Application visibility and log.

Next Generation Firewall

- **Policy match triggers:** Applications, App Filters, App Groups, URL Categories, Geo Location, Application Identity-based (AppID) policy rules, Application Group and Filters, Packet Capture on AppID, IP Blacklisting, Whitelisting, Custom App-ID signatures, SSL Certificate-based protection, Expired certificates, Untrusted Cas, Unsupported cyphers and key lengths, Unsupported Versions, NSSLabs Recommended Rating.

- **IP filtering:** Filtering of traffic based on Geo-Location, DNS name, Reputation of Source/Destination IP Addresses – support for both IPv4 and IPv6. Automatic updates of IP Reputation database.

- **URL categorization and filtering**
  URL categories and reputation including customer-defined, Cloud-based lookups, Policy trigger based on URL category, URL profile (blacklist, whitelist, category reputation), Captive portal response including customer defined, Actions include block, inform, ask, justify, and override.

- **Anti-Virus**
  Network/Flow based protection with auto signature updates, HTTP, FTP, MTP, POP3, IMAP, MAPI support, 35+ file types supported (exe, dll, office, pdf & flash file types), Decompression support, storage profile support, auto signature updates.

- **IDS/IPS**
  Default and customer defined signatures and profiles, Versa and Snort rule formats, L7 DDoS, Layer7 anomaly detection, Support for JavaScript attacks, Security package with incremental updates, Full incremental (daily) and real-time threat (every hour), Lateral movement detection.

Lumen SASE with Versa Next Generation Firewall requires the purchase and activation of Lumen® SASE with Versa SD-WAN service at each location.

VERSA
NETWORKS

Visit us to get started today at lumen.com/sase

LUMEN®
TECHNOLOGIES