Today’s distributed global and mobile workforce has created the need to effectively secure internet access and enforce compliance across many users, locations, and devices. With more mobile and remote office workers now using cloud-based applications, security concerns have become just one of many growing challenges for modern enterprises due to the permeable network perimeter and fragmented network traffic. Remote traffic is typically forced to be backhauled to primary data centers, increasing the volume of data and bandwidth usage, latency, and associated costs considerably.

Due to these challenges, enterprises have begun to abandon the legacy appliance-based approach to securing their network, moving toward a more modern approach that utilizes cloud-based Secure Web Gateways (SWG) for protection from internet threats. By migrating to the cloud, businesses are able to recognize the additional advantages of flexibility, management, reporting, and scalable performance. Traditional appliances-based solutions are no longer an effective solution for organizations who need flexibility and strong security.

Verizon Secure Cloud Gateway can act as the first and last line of defense for your users, apps, and data on any supported device, virtually anywhere.

Enforce Policy and Compliance.
Verizon Secure Cloud Gateway provides essential web gateway features for both on and off-network devices. Granular category and user-based filtering can provide protection across all ports and protocols by blocking access to harmful or objectionable online content. It also helps support your security compliance requirements.

Control social media and cloud applications.
Cloud application and social media controls help enterprise administrators enforce security policies for specific features of cloud-based apps and social media sites. This includes advanced application scanning and deep packet inspection (DPI) and content-aware management of social media applications like Facebook, Twitter, LinkedIn, and Pinterest. Administrators can also get control over evasive cloud applications like Tor, BitTorrent, Snapchat, Microsoft Skype and more. Secure Cloud Gateway also includes Safe Search enforcement for a variety of search engines, clean image search, and translation filtering for Google services.

Secure enterprise-wide internet use with a consolidated, cloud-based solution.
Verizon Secure Cloud Gateway delivers a secure and distributed web gateway service from the cloud, and helps to defend complex and decentralized networks, branch offices, and the remote and mobile users that depend on them. Acting as both a first and last line of defense, the service protects users, apps, and data on any supported device, virtually anywhere, while maintaining performance and eliminating the need to backhaul traffic. Verizon Secure Cloud Gateway can also provide the flexibility required to drop-in and replace existing appliance-based systems, allowing organizations to transition to the cloud smoothly and at their own pace, without the need to re-architect existing networks.
Protect your network from advanced threats.

With signature-based malware prevention and breach protection, malware is identified and mitigated based on threat intelligence from databases and proprietary malware registries. Intrusion detection and prevention capabilities enable quick viewing of event detail, including source and destination IP addresses. Command and Control (CnC) callback monitoring helps to further identify known malicious or high-risk connections and sites flagged for botnet activity. Secure Cloud Gateway also includes behavioral malware sandboxing defense to intercept and contain files— helping reduce noise and resource requirements. User downloaded files identified as suspicious are sent for further inspection in an isolated environment for secure processing.

Drive data loss prevention.

Verizon Secure Cloud Gateway not only inspects Internet data as it enters an organization, helping stop malware on the way in, but it can also inspect Internet data as it leaves an organization. This deep file-based data loss prevention service helps detect and block the transfer of sensitive data from your enterprise. It protects against unauthorized cloud use and sensitive data loss. By screening content such as credit card numbers, personal data, email addresses and phone numbers, businesses can be notified when sensitive information is shared using automated alerts sent directly to security teams.

Verizon Secure Cloud Gateway also includes:

- Customized, near real-time reporting.
- Centralized management and administration portal.
- Protection of all supported devices across multiple operating systems (includes Microsoft Windows, Apple Mac and iOS, Google Android and Linux devices).
- 12 hour live support with premium support available.

Innovative container-based cloud architecture.

Through an innovative container-based cloud design, Secure Cloud Gateway protects users, devices, and locations without requiring data backhaul or the purchase of expensive appliances. Secure Cloud Gateway is delivered through a network cloud where the customer admin portal, policy infrastructure, and dashboards are multi-tenant, but the data plane consisting of the proxy gateway nodes where data traffic is routed is non-shared and dedicated for each customer.

This container-based approach enables a smooth transition from a private cloud (hosted or on-premises) to a public cloud or hybrid implementation, including the ability to drop-in replacements of legacy appliances to secure data in primary data centers without restructuring the network. All features and functions are offered regardless of the preferred deployment model.

Secure Cloud Gateway utilizes the advanced architecture of the iboss Distributed Gateway Platform. This non-shared cloud architecture combines non-physical cloud nodes and optional physical nodes to help organizations deploy effective security across all locations and devices.

Why Verizon?

Verizon can also help your business manage the Secure Cloud Gateway Service. With MSS SaaS Policy Management, our seasoned security professionals implement, review and validate customer-initiated security policy change requests against your organization’s existing policies to ensure compatibility with existing infrastructure.

Businesses receive expert management of security policy rule sets and access to a dedicated Verizon Security Services Advisor (SSA) who will provide trend reporting analysis, freeing your internal staff to focus on strategic business initiatives.

Learn more:

Find out how Verizon Secure Cloud Gateway can help meet the security needs of your distributed organization.

Contact your account manager or visit https://www.verizon.com/business/products/security/network-cloud-security/secure-cloud-gateway/.