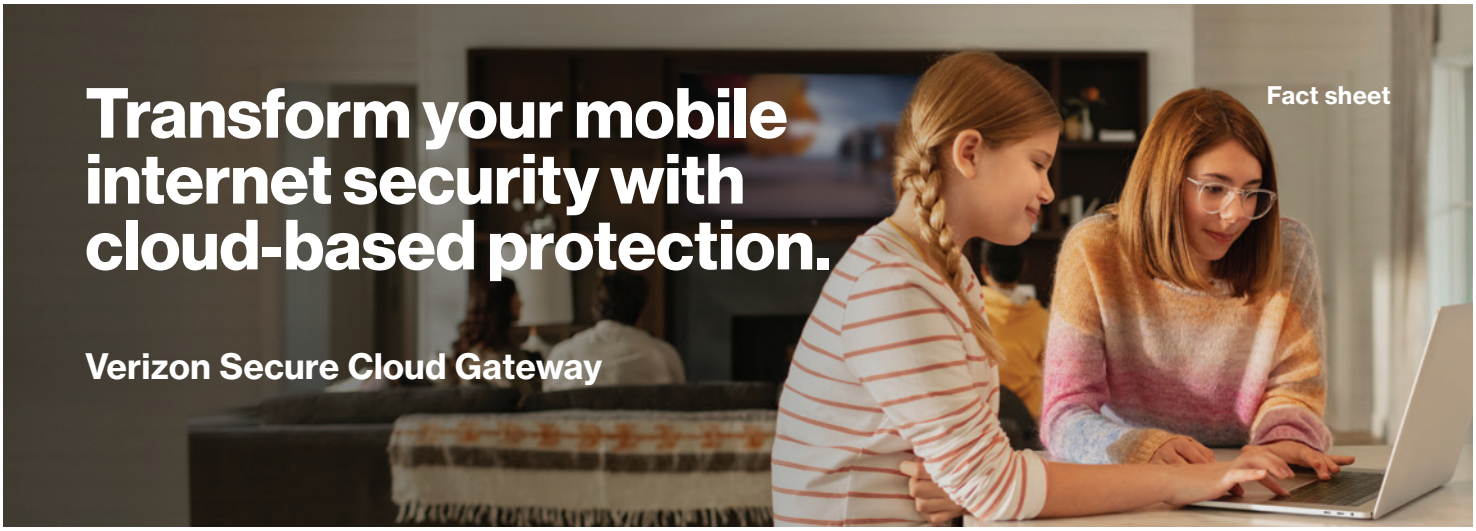

Fact sheet

Transform your mobile internet security with cloud-based protection.

Verizon Secure Cloud Gateway

Today's distributed, 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 organizations.

Verizon Secure Cloud Gateway helps protect users from online threats that are connected to LTE-enabled devices or internet access devices, such as Jetpack® mobile hotspot devices and routers. It also allows organizations to seamlessly extend internet access policies to help meet government regulatory compliances, such as the Children's Internet Protection Act (CIPA). Secure Cloud Gateway lets you use consistent filtering policies regardless of device type or operating system to help keep users protected, whether they're connected to our LTE network or a third-party Wi-Fi or other network. Plus, it gives you a single-pane-of-glass view into internet access policy enforcement and reporting across all users and locations. That results in stronger security and greater network visibility with fewer resources to manage.

Enforce policy and compliance.

Secure Cloud Gateway provides educational institutions with secure internet connectivity on Verizon Wireless networks through a mobile private network that routes internet traffic from Verizon Wireless devices to Secure Cloud Gateway. This provides secure, end-to-end transit for network-certified Jetpack Wi-Fi hotspots, routers and other devices connected to our wireless network to help keep devices and data safe from cyberthreats on the public internet, as well as to help prevent users from accessing inappropriate or harmful web content. Additionally, its user risk dashboard provides near-instant alerts to help identify high-risk user network activity.

Control social media and cloud applications.

Cloud application and social media controls help administrators enforce security policies for specific features of cloud-based apps and social media sites. This includes advanced application scanning, deep packet inspection (DPI) and content-aware management of social media applications like Facebook,® Twitter,® LinkedIn® and Pinterest.® Administrators can get granular control over evasive cloud applications like TOR, BitTorrent,® Snapchat,® 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.

Protect your devices from advanced threats.

With signature-based malware prevention and breach protection, the solution identifies and mitigates malware based on threat intelligence from best-of-breed databases and proprietary malware registries. Intrusion detection and prevention capabilities enable quick viewing of event details, including source and destination IP addresses. Command-and-control 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—increasing threat visibility and reducing noise and resource requirements. It sends user-downloaded files that have been identified as suspicious to an isolated environment for further inspection and safe processing.

An elastic, distributed, web gateway architecture

Secure Cloud Gateway leverages the iboss Distributed Gateway Platform's unique architecture, which uses containerized nodes dedicated to processing data for a single customer. This provides an advantage over traditional public gateway approaches that process data for multiple customers in a nondedicated manner. While the containerized nodes coexist with nodes from other customers on the iboss multitenant platform, the containerized nodes keep customer data isolated from other customers' data.

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Secure Cloud Gateway specifications

Compliance

- Supports an organization's compliance with CIPA
- Internet access policy enforcement helps to ensure only approved websites and cloud apps can be accessed
- Provides detailed user- and device-based near real-time reporting on all internet access to support organizational and regulatory compliance

Platform

- "Always-on" cybersecurity helps secure all users and devices against online threats, regardless of how or where they access the internet
- Secures LTE devices in seconds, including already-deployed and nonaccessible devices
- User-group policy management helps maximize user productivity with granular policies
- "Set it and forget it" design helps eliminate the need for network infrastructure changes
- Automatic upgrades keep the platform up to date
- Verizon can seamlessly extend policies and reporting across networks and devices for existing Secure Cloud Gateway customers

Threat intelligence

- Industry-leading malware engines and threat feeds
- Identification and mitigation of new threats
- Auto updating (continuous threat learning

Devices

- Protection across all devices and operating systems, including Chrome,® Mac® iOS, Windows® and others

Management

- 100% cloud-based administration and reporting console for simplified management
- Single-pane-of-glass reporting across all user access whether they connect through an LTE device or third-party Wi-Fi or other network

Policy

- "Follow the user" policy and reporting enforces policies across all devices for single-user accesses almost anywhere globally
- User- and device-based policy enforcement creation can apply to groups, users, organizational units, IP and more
- Access policies go into effect immediately for all users to prevent impacts on user productivity
- Apply policies in over 80 web categories to thousands of domains
- View and manage access to cloud apps to ensure that even remote users can only use approved apps
- Apply customizable block pages globally or to groups

Reporting

- View activity across any user or device regardless of how they access the internet
- Username-based reports enhance visibility across the organization
- Near real-time event dashboards provide instant feedback on network health, including remote users on LTE devices
- High-risk/at-risk user dashboards provide near real-time notifications to alert admins when they detect an at-risk or high-risk user
- Create ad hoc and customized reports with default and user-defined templates for automatic email distribution

Why Verizon

Verizon Secure Cloud Gateway is uniquely designed to solve the challenges of providing advanced security for today's distributed organizations, providing internet threat protection and policy enforcement across all devices and locations.

Learn more:

Find out how Verizon Secure Cloud Gateway can help secure internet access and enforce compliance across your organization. Contact your Verizon Account Manager or visit verizon.com/business/products/security/network-cloud-security/secure-cloud-gateway/

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