

# Complete Small and Midsize Business Protection

## Intuitive Security. Simplified Management. Maximum Value.

### Executive Summary

With 43% of attacks in 2019 targeting small and midsize businesses (SMBs),<sup>1</sup> security is no longer a topic business leaders can ignore yet remains one of the most intimidating subjects for many leaders to tackle.

New technologies expose new risks, meaning effective security must be complete security. Year after year, ransomware claims the honor of being the leading tactic used by attackers by exploiting these small holes for gain. The good news is security has gotten much better. Leading security vendors like Fortinet are continually validated by third-party testing groups to effectively prevent threats across a broad range of tactics. When your technology effectively stops attacks and automatically communicates to reduce false alerts and maintenance, workloads drop and securing your business suddenly becomes much easier.

Fortinet Small and Midsize Business Security Solutions deliver a path to complete protection. Clear ROI is delivered without sacrificing security with of tight integration, automation, and visibility across your entire cybersecurity footprint to improve effectiveness, reduce cycles, and scale as your company grows. Cloud-based, centralized management simplifies ongoing operations with business-driven rules and policies so you can quickly consume new technology while keeping your business safe from attack.

### Fortinet SMB Security Solutions

#### Secure Office Networking

At the heart of any cybersecurity solution is its ability to protect the business from incoming network attacks. Next-generation firewalls (NGFWs) understand how the combination of the user, the device they're using, and the application they're interacting with *should* behave, analyzes the traffic and ultimately understand how it should be transmitted, replacing the need for traditional routers.

The NGFW is just part of the solution. For traffic to ultimately reach the user, or for the user or device to reach the internet, traffic must travel through two key devices that help scale network access around the office—switches for wired devices and wireless access points (APs) for wireless connectivity.

The combination of these three devices—NGFW, switch, and wireless AP—form the core of network connectivity. Businesses need both high performance and strong security from their network, and with Fortinet, you can have both and enable safe access to the cloud with built-in Secure SD-WAN at no additional cost.

- **FortiGate:** The most cost-effective NGFW for performance and protection<sup>3</sup> with built-in Secure SD-WAN to better control network performance to cloud-based applications and secure traffic
- **FortiAP:** High-performance, Wi-Fi 6 ready APs ensure strong connectivity even in dense, highly populated environments
- **FortiSwitch:** Stackable, Power over Ethernet (PoE) functionality delivers performance and scale to meet any need

### Fortinet SMB Security Solutions provide affordable, complete security

- **Secure Office Networking:** Protect your data across your network and enable safe access to the cloud.
- **Secure Cloud Applications and Email:** Build out the secure cloud-connected office and take full advantage of SaaS.
- **Endpoint and Remote User Protection:** Protect your users whether they are in the office or on the move.
- **Cloud-based Management and Analytics:** Streamline and simplify security, management, and on-going operations.

Two-thirds of organizations are actively consolidating the number of cybersecurity vendors with which they do business for better operational efficiency and cost savings.<sup>2</sup>

## Unified Security Across Firewalls, Switches, and Wireless Access Points

By consolidating layer 7 routing and multiple security services into a single, industry-leading NGFW, many business are able to reduce the cost of multiple licenses and the oversight needed to maintain a strong security position as multiple needs are solved by one. With Fortinet, this exercise in simplicity extends even further thanks to proprietary technology that allows administrators to extend this security to FortiSwitches and FortiAPs creating a truly secure connectivity environment for the office.

### FortiGate NGFW Consolidates Security Functions\*

- **Intrusion Prevention (IPS):** Protects against known threats
- **Anti-malware/Antivirus:** Protects against unknown and advanced threats including bots
- **Virtual Private Network (VPN):** Creates an encrypted, private communication through the public web between user and office network
- **Web and Content Filtering:** Enable SafeSearch and block explicit and malicious websites

\*For a complete list of security services available to the FortiGate, please discuss with your Fortinet representative or authorized partner.

### Simple, High-performance Connectivity with Built-in Secure SD-WAN

As your business grows and more users and devices need to connect in and around the office and to the cloud, network bottlenecks can quickly hinder productivity. Fortinet FortiGate NGFWs along with FortiAP wireless access points and FortiSwitch provide industry-leading network connectivity while maintaining enterprise-grade security. Additionally, built-in Secure SD-WAN helps improve cloud-based application performance over multiple paths while retaining strong security.

Fortinet Secure SD-WAN enables fast access to cloud-based applications and high-quality experiences in multi-cloud environments by adjusting for data loss and network speed before it affects the application. As an integrated component of the FortiGate, organizations are protected against the latest risk exposures and evolving sophisticated attacks included for no additional cost and without the headache of configuring and managing another point product.

### Secure Cloud Applications and Email

The cloud offers businesses a wealth of efficiency and simplicity while trading out control. Protecting the information stored within these services often falls unknowingly on the business rather than the application vendor. With Fortinet, administrators can build out a secure cloud-connected office by securely accessing cloud-based applications with built-in SD-WAN, protecting the data within Software-as-a-Service (SaaS) security and ensuring email is protected when using popular platforms such as Microsoft Office 365 and Google Mail.

### Adopt SaaS Safely

While built-in Secure SD-WAN provides security and network reliability, FortiCASB ensures user behavior and data stored in major SaaS applications are protected and free from risk. On-demand data scanning validates data leakage policies and scans for threats to ensure everything meets existing business policies. Out-of-the-box reporting offers predefined reports for standards including SOX, GDPR, PCI, HIPAA, NIST, and ISO/IEC 27001 and speeds up audits.



Figure 1: FortiCASB dashboard.

### Enhanced Email Security

Email continues to be the top method of attack used by attackers to dupe unsuspecting users into running malicious files and clicking on malicious links through phishing and other business email compromise (BEC) schemes. FortiMail Cloud offers unparalleled protection to remove these risks from your workforce and provide additional protection to popular email platforms such as Microsoft Office 365 and Google Mail.

### Endpoint and Remote User Protection

The workforce is more mobile than ever and employees need flexibility to work in locations that may not be within a traditional office environment. With Fortinet, users are protected whether they are in the office or on the move

#### Endpoint Protection

When users leave the office and the safety of the network, best practices recommend having a last line of defense at the endpoint in case they aren't using VPN. FortiClient Cloud provides basic and advanced threat protection at the endpoint and enables administrators to remotely deploy and perform updates as necessary with a single click. Centralized management also allows insight into specific user and device information, status, and an understanding of potential risks before they turn problematic.

#### Remote Users and VPNs

Teleworking continues to gain widespread adoption but can be difficult to implement if your NGFW wasn't designed to support it. To secure remote workers, you have to run a VPN, which requires your NGFW to excel at decrypting encrypted traffic. The Fortinet FortiGate is the leading NGFW on the market when it comes to decrypting traffic, 10x the speed of our closest competitor without impacting performance.<sup>4</sup>

### Cloud-based Management and Analytics

Security works on the premise of understanding what is good, what is not, and responding accordingly. When different vendor products perceive a threat differently, conflicts arise, leaving the burden of analysis on the administrator. With Fortinet, automated information sharing across the solution and the ability to manage it from a single pane of glass help streamline and simplify security, management, and ongoing operations.

#### Cloud-based Management

FortiGate Cloud gives administrators a single pane of glass to manage their entire core networking infrastructure (NGFW, AP, switch) from anywhere internet is available. From here, administrators can simplify deployments, management, and troubleshooting with actionable insights and visual reports.

#### Consume Security-as-a-Service

Just like Software-as-a-Service has removed countless hours of burden and oversight from busy administrators, security too can be consumed in this way. FortiCloud is a platform of cloud-based security and management offerings from Fortinet spanning network, endpoint, and cloud security. To further ease and manage deployments, administrators can oversee entitlements and support tickets across all their cloud-based Fortinet solutions from within the platform.

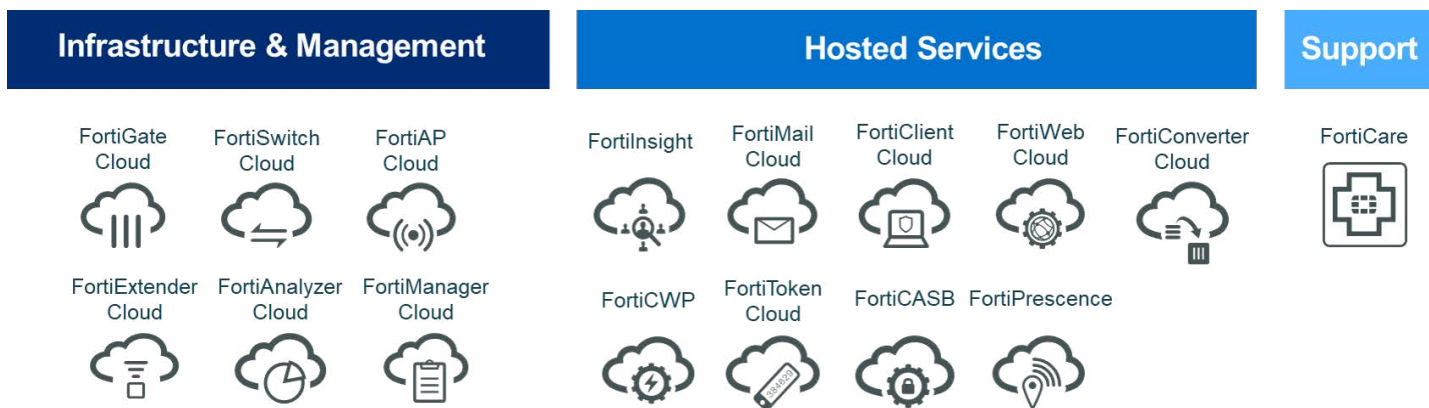


Figure 2: FortiCloud platform.

## A Solid Security Foundation on Which to Build Your Business

Technology both enables productivity and increases the risk of a breach as the attack surface grows. Looking across the security landscape, there are many options and closer inspection regularly finds critical holes in a vendor's offerings such as:

- Limited solutions forcing you to purchase from multiple vendors to protect everything and stitch them together yourself
- Confusing implementation and management that result in ineffective protection
- Expensive solutions that claim to protect everything and leave no budget for anything else

Fortinet SMB Security Solutions are engineered to scale as your business grows and give you the confidence of investing in a market-leading security platform designed to reduce workloads while maintaining security. Only Fortinet offers this breadth of small business offerings validated by security experts.

Curious where to start? Reach out for a quick 30-minute chat to better understand your goals and unique challenges and ask about our free Cyber Threat Assessment Program (CTAP) to help identify where your risks are and where to focus first.

<sup>1</sup> ["2019 Data Breach Investigations Report,"](#) Verizon, April 2019.

<sup>2</sup> Jon Oltsik, ["The cybersecurity technology consolidation conundrum,"](#) CSO, March 26, 2019.

<sup>3</sup> <https://www.fortinet.com/products/next-generation-firewall.html#certifications>.

<sup>4</sup> ["Fortinet Disrupts the Network Firewall Marketplace with Unprecedented Scale and Performance,"](#) Fortinet, May 6, 2020.



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