

SOLUTION BRIEF

Get Complete Protection with Fortinet Small and Midsize Business Security Solutions

Executive Summary

Small and midsize businesses (SMBs) continue to incur extremely high data breach costs. Recent research shows organizations with fewer than 500 employees reported the average impact of a data breach has risen to \$3.31 million, a 13.4% increase.¹ Clearly, cybersecurity is no longer a topic that SMB proprietors can ignore.

Because adopting new technologies and working models increases risks and creates new vulnerabilities, SMBs must have complete protection. Fortunately, cybersecurity from industry-leading security vendors like Fortinet effectively prevents threats across various tactics. Third-party testing groups have continuously validated the efficacy of Fortinet solutions.

Fortinet SMB Security Solutions

Using our single-vendor approach to cybersecurity, Fortinet Small and Midsize Business Security Solutions provides SMBs complete protection while maximizing simplicity. Our security delivers a clear return on investment (ROI) without sacrificing security. Also, Fortinet SMB Security enables tight integration, automation, and visibility across your entire cybersecurity footprint to improve effectiveness, reduce cycles, and scale as your company grows.

Fortinet security solutions offer SMBs cloud-based, centralized management that simplifies ongoing operations with business-driven rules and policies. And it allows you to quickly employ new technology while keeping your business safely on track and free from attack.

Our solutions are integrated with the Fortinet Security Fabric platform, which is built with the same underlying code and takes advantage of custom-built hardware. The Security Fabric effectively stops attacks and automatically communicates to reduce false alerts and maintenance. By taking advantage of a single-vendor approach, workloads drop, operational efficiency increases, and securing your organization suddenly becomes much easier.

Secure Offices

Next-generation firewalls

At the heart of any cybersecurity solution is its ability to protect organizations from incoming network attacks. Next-generation firewalls (NGFWs) understand how the combination of the user, the user's device, and the application the user interacts with should behave. Also, they analyze the traffic and, ultimately, figure out how it should be transmitted. NGFWs replace the need for traditional routers.



Fortinet SMB Security Solutions provides affordable, complete security

- **Secure offices**
Converge firewalls, switches, and wireless to secure the office network efficiently and easily.
- **Secure users**
Protect your users located anywhere and the resources they access (internet, SaaS, or corporate).
- **Secure applications**
Ensure secure application access across private and public clouds to proactively uncover risks, protect against threats, and prevent compliance violations.

Switches and wireless access points

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 NGFW, switch, and wireless AP forms the core of network connectivity. Businesses need both high performance and strong security from their network. Fortinet provides you with both and enables safe access to the cloud with built-in Secure SD-WAN at no additional cost.

The following components are in Fortinet Small and Midsize Business Security Solutions:

- **FortiGate:** The most deployed firewall worldwide with industry-first security and networking convergence, FortiGate NGFWs work seamlessly with FortiGuard AI-Powered Security Services to deliver accelerated protection and network efficiency from the investment.
- **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.
- **FortiGuard AI-Powered Security Services:** FortiGuard AI-Powered Security Services delivers a powerful combination of AI-driven threat intelligence integrated with critical security capabilities to protect organizations against known, unknown, zero-day, and emerging AI-based threats. Our FortiGate NGFW solutions offer these services.

For small and medium businesses, we offer the Unified Threat Protection (UTP) Bundle that includes an intrusion prevention system (IPS); advanced malware protection; application control; URL, DNS, and video filtering; antispam service; and FortiCare Premium.

Unified Security Across Firewalls, Switches, and Wireless Access Points

By consolidating Layer 7 routing and multiple security services into our single, industry-leading FortiGate, many businesses can 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 our 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

The following are a few of the key security services:

- **Anti-malware and antivirus:** Prevents basic malware, threats, and bot activity
- **IPS:** Uncovers advanced threats hidden deep within packets missed by basic antivirus
- **SSL deep inspection:** Decrypts and inspects traffic to find potential threats and block them
- **Virtual private network (VPN):** Creates encrypted, private communication through the public web between user and office network
- **Web and content filtering:** Enables SafeSearch and blocks traffic to explicit and malicious websites

For a complete list of security services available to FortiGate, contact your Fortinet representative or authorized partner.

Simple, High-Performance Connectivity with Built-in Secure SD-WAN

Network bottlenecks can quickly hinder productivity as your business grows and more users and devices need to connect in and around the workplace and to the cloud. FortiGate NGFWs, FortiAP wireless access points, and FortiSwitches 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 self-healing for data loss and network speed before it affects the application. As an integrated component of FortiGate, Secure SD-WAN protects organizations against the latest risk exposures and evolving sophisticated attacks. Secure SD-WAN is included at no additional cost and without the headache of configuring and managing another point product.



Secure Users

The hybrid workforce is a reality for many SMBs, yet it creates new headaches by expanding the organization's attack surface. This challenges security and IT teams as they work to secure these WFA users. One struggle is ensuring that security policies are applied and enforced consistently for users on and off the corporate network. Secure access service edge (SASE) architecture helps extend secure access and high-performance connectivity to users regardless of geographic location.

Remote user security enforced with FortiSASE

FortiSASE is a simple, intuitive, and scalable cloud-delivered security solution that expands on-site security to remote workers in a seamless way. It offers simple cloud-based management with self-service design, easy user onboarding, and a flexible, tiered, and user-based licensing model.

Unified endpoint agent

FortiSASE uses a single client agent called FortiClient to provide all security services. FortiClient integrates the user devices into Fortinet Security Fabric for early detection and prevention of advanced threats. This integration delivers native endpoint visibility, compliance control, vulnerability management, and automation. FortiClient provides best-in-class security services, such as antivirus, ransomware protection, and malware prevention.

Secure Applications

Cloud computing can level the playing field, allowing small businesses to offer state-of-the-art services without requiring them to manage their data centers. However, cloud computing does bring security challenges. While cloud vendors secure their data centers, it is a mistake to assume that your data and your applications are as secure as they should be.

With Fortinet, administrators can build out a secure, cloud-connected workplace that:

- Securely accesses cloud-based applications with SD-WAN
- Employs virtual firewalls with FortiGuard AI-Powered Security Services to scan for threats
- Enforces access control policies
- Protects data both within and across clouds and offices

Public and private cloud security

As more applications and data move from traditional on-premises implementations to private and public cloud deployments, it is critical to ensure that security policies are consistently enforced wherever the compute occurs.

Built for the cloud, FortiGate virtual machines (VMs) deliver protection across public, private, and multi-cloud environments. These are their key functions:

- Safely leverage cloud benefits of scalability, metering, and time to market with cloud-native security.
- Seamlessly scale without increasing operational burdens.
- Optimize your budget with flexible consumption models, including licensing and on-demand usage models.

Increase Operational Efficiency and Reduce Cyber Risk with Single-Pane-of-Glass Management

Security is built on understanding what is good and 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 and analytics

FortiGate Cloud is a cloud-based service offering simplified management, security analytics, and reporting for FortiGates to help you more efficiently manage your devices and reduce cyber risk across your branches and sites. This SaaS service is available with FortiGate NGFW devices and VMs.



A Solid Security Foundation to Build Your Business On

Technology 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 force you to purchase from multiple vendors to protect everything and stitch them together yourself.
- Confusing implementation and management result in insufficient protection.
- Expensive solutions claim to protect everything and leave no budget for anything else.

Conclusion

Fortinet SMB Security Solutions is engineered to scale as your business grows and give you the confidence to invest 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.

¹ [Cost of a Data Breach Report](#), IBM, 2023.

