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SOLUTION BRIEF

Fortinet and Google Cloud Deliver Fast, Complete Protection for Small and Midsize Businesses

Get complete visibility and seamless, integrated management

Executive Summary

Small and midsize businesses (SMBs) choose Google Cloud because it offers the ideal platform to build cloud-native applications, deploy them in modern container-based environments, and scale them to meet shifting global customer needs.

Google Cloud and Fortinet help businesses grow and innovate securely in the cloud. Fortinet Cloud Security for Google Cloud delivers consistent security and reduced complexity for any cloud environment. It builds security into the continuous integration and delivery (CI/CD) DevOps lifecycle, protects networks against attacks, and defends web applications without degrading customer experience. The Fortinet Security Fabric—a cybersecurity mesh platform that layers broad, integrated, and automated cybersecurity capabilities—extends to the Google Cloud infrastructure.

Same Threats, Fewer Security Resources

SMBs are at risk from the same threats that plague enterprise organizations but often lack the budgets, talent, and workforce to combat them successfully. Recent research shows that almost half of breaches impact businesses with fewer than 1,000 employees, indicating that SMBs are attractive targets for bad actors.[1] What's more, 78% of organizations are worried that a serious attack could put them out of business.[2]

These concerns are valid. Organizations of all sizes need a way to secure their resources without impacting their business growth.

Why SMBs Choose Fortinet on Google Cloud

Google Cloud helps SMBs drive growth while saving money, simplifying operations, and mitigating risk. Fortinet's cloud security offerings natively integrate with Google Cloud, offering a comprehensive solution that enables streamlined management and automates security operations. Fortinet for Google Cloud adds a critical layer of security that helps SMBs accelerate innovation, scale operations, and confidently deliver cloud-native applications.

Scale securely

Protect business growth while innovating. Fortinet Cloud Security for Google Cloud automates scalability and offers centralized visibility and policy reinforcement across cloud networks and dynamically changing environments. Help teams secure the organization using an intuitive, user-friendly interface. Gain multi-layered security for Google Cloud, Anthos, hybrid, and multi-cloud environments to protect against threats.

Google Cloud
TECHNOLOGY
Partner of the Year
Security — Application
2024

Google Cloud
TECHNOLOGY
Partner of the Year
Security — Infrastructure
2024

Google Cloud
TECHNOLOGY
Partner of the Year
Security — Identity & Endpoint Protection
2023

Accelerate time to market

Google Cloud and Fortinet make security a seamless part of continuous application delivery. Automated continuous application security testing is natively integrated with Google Cloud. This capability allows developers to test, detect, and remediate security vulnerabilities within the CI/CD lifecycle. Teams get things done faster to reduce lead time, improve workflow, and bring applications to market sooner.

capital energy

"The only way to sustainably achieve the scaling and flexibility required to support our ongoing innovation was to move to an increasingly cloud-based architecture through our strategic partnership with Google Cloud Platform and secured with Fortinet Security Fabric solutions."

Víctor Gimeno Granda
Chief Sustainability and Digital Officer, Capital Energy Company

Integrated Tools for a Complete Solution

Fortinet for Google Cloud comprises powerful tools, including FortiDevSec, FortiGate VM, FortiWeb Cloud Web Application Firewall (WAF), and Lacework Cloud-Native Application Protection Platform (CNAPP). These tools help organizations secure the entire application development lifecycle from code to cloud.

FortiDevSec makes it easier to keep pace with the accelerated software build cadences that modern application development requires. It orchestrates and automates continuous application security testing directly into the application CI/CD DevOps lifecycle with detailed insights into vulnerabilities.

FortiDevSec enables developers to move the latest code into production faster. It leverages AI and machine learning (ML) to automatically model normal application usage and detect potentially malicious anomalies. DevSecOps teams can focus on building the applications, knowing security is integrated throughout the software development lifecycle.

FortiGate VM on Google Cloud delivers next-generation firewall (NGFW) and software-defined wide area network (SD-WAN) capabilities. It can be deployed as an NGFW or a virtual private network (VPN) gateway. This enables broad protection and automated management for consistent enforcement and visibility across a hybrid cloud infrastructure.

FortiGate VM identifies applications inside network traffic for deep inspection and granular policy enforcement. It also protects against malware, exploits, malicious websites, and attacks. It uses a powerful Intrusion Prevention Service and continuous AI-driven threat intelligence from FortiGuard Labs.

FortiGate VM's native integration with Google Cloud Network Connectivity Center simplifies connecting and securing applications and workloads across environments. This integration streamlines network traffic and security policy management to provide consistent enforcement and visibility.

In addition, FortiGate VM simplifies cloud on-ramp for applications and workloads by providing a secure and efficient way to connect to Google Cloud. It offers SD-WAN capabilities that optimize network performance and provide secure connectivity to Google Cloud-based workloads. Easily and securely migrate applications and workloads to the cloud while enforcing consistent security policies across hybrid and multi-cloud environments.

Lacework CNAPP provides unified risk and threat contextualization and actionable intelligence. Powered by advanced ML and AI, it offers comprehensive code security, full-stack protection, and a flexible agent and agentless architecture.

Lacework CNAPP helps busy teams respond and remediate faster with features such as automated threat detection and remediation, risk prioritization, and automated compliance checks.

Following Fortinet's acquisition of Lacework, SMBs can expect comprehensive integration of Lacework CNAPP with Fortinet web application and API protection (WAAP) products in the future.

FortiWeb Cloud Web Application Firewall (WAF) delivers a complete solution to defend against sophisticated cyberattacks targeting web applications without disrupting legitimate customer traffic. Spend less time managing false positives and manually tuning web application firewall rules. Gain Open Source Foundation for Application Security (OWASP) Top 10 threat protection, bot mitigation, API security, and threat intelligence from FortiGuard Labs.

FortiWeb Cloud WAF secures applications from vulnerability exploits, bots, malware uploads, denial-of-service (DoS) attacks, advanced persistent threats, and zero-day attacks. It uses advanced analytics, specialized heuristic detection engines, and automated response capabilities to identify and mitigate threats in real time. FortiWeb Cloud WAF automatically evolves with applications, using innovative AI and ML techniques to detect anomalies and block threats without blocking legitimate users.

Fortinet and Google Cloud Protect SMBs

Cyber attacks are an existential threat to SMBs, and the risk continues to rise. The only way to grow and innovate confidently is to ensure that applications, data, and customers are secure.

Fortinet and Google Cloud leverage decades of experience in network, application, and data security. SMBs can rest easy knowing they have the latest protection. Fortinet and Google Cloud offer a defense-in-depth solution founded on seamless integration to secure multi-cloud environments. Gain centralized visibility, policy enforcement, and threat detection across Google Cloud and beyond with an intuitive, user-friendly interface to deploy security quickly and easily.

To learn more about Fortinet security solutions for Google Cloud, visit

cloud.google.com/fortinet

[1] StrongDM.com, 35 Alarming Small Business Cybersecurity Statistics for 2024, Feb. 1, 2024.

[2] Connectwise, The State of SMB Cybersecurity in 2024, accessed September 9, 2024..

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