

# FORTINET AND MCAFEE SECURITY SOLUTION

## BUSINESS CHALLENGE

Organizations of all sizes are at risk from nation-states, hackers, organized crime, and malicious and accidental insider threats. Security practitioners are under increasing pressure to defend their organizations. The knowledge and capabilities gap between attackers and defenders is mandating fundamental changes to cybersecurity products. To overcome the attacker advantage, security products need to collaborate with each other to quickly detect, analyze, block, and contain attacks.

The isolated and proprietary security devices and systems most organizations have deployed over the past decade are simply not designed to solve today's cybersecurity challenges. Security administrators are looking for solutions that enable them to gain visibility and control across their entire end-to-end deployment, across endpoints as well as their network infrastructure, including physical, cloud, and virtualized infrastructure.

## SOLUTION: MCAFEE ENDPOINT SECURITY AND FORTINET SECURITY FABRIC

Securing highly dynamic and distributed environments requires tightly integrated security and network technologies that share intelligence, collaborate to detect and isolate threats, and synchronize increasingly automated responses to threats in real time across endpoint and network infrastructures.

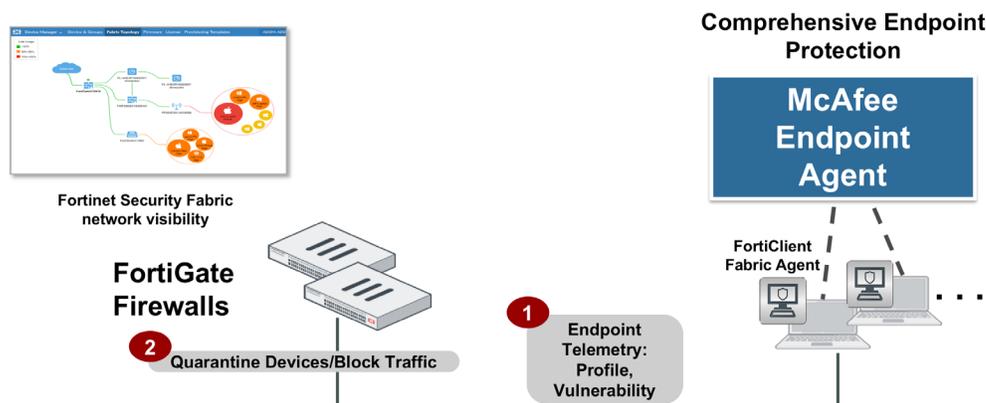
McAfee® Endpoint Security enables customers to respond to and manage the threat defense lifecycle and provides a collaborative, extensible framework to reduce the complexity of conventional multivendor endpoint security environments. It also provides administrators with visibility into advanced threats to speed detection and remediation response times.

Fortinet provides best-in-class network security through its award-winning FortiGate network security platform and the Fortinet Security Fabric. The Fabric enables security components to collect and share intelligence between devices, systems, and partners, support unified management, and synchronize and automate responses to threats. The open, end-to-end fabric of security solutions—woven together to scale and adapt as business demands change—enables organizations to address the full spectrum of challenges they currently face across the expanding attack surface.

The partnership and joint solution with Fortinet combines McAfee's endpoint security leadership with Fortinet's best-in-class network security and Fabric integration to deliver unparalleled security protection.

## HOW IT WORKS

The diagram below illustrates how McAfee and Fortinet work together to provide end-to-end security protection, across endpoints and network infrastructure.



The joint solution enables customers to use McAfee in their environment for advanced endpoint security, and also leverage the Fortinet Security Fabric to enforce network compliance via FortiClient and FortiGate firewalls and gain end-to-end visibility of their endpoints and network infrastructure.

Security compliance rules are defined by administrators into a FortiGate Security Profile, which contains the requirements the endpoint must satisfy prior to accessing the network. By enforcing these policies to ensure network security compliance, FortiGate and FortiClient help to reduce the attack surface. In addition, the FortiClient Fabric Agent module feeds FortiGate with telemetry, profile, and vulnerability data, enabling automatic updates from the endpoints to the Security Fabric, and providing comprehensive end-to-end visibility across endpoints and network infrastructure.

These actions are complemented by McAfee Endpoint Security, which blocks viruses, malware, and other threats from infecting the endpoints. McAfee Endpoint Security provides intelligent, adaptive scanning, advanced anti-malware protection, dynamic application containment, proactive web security, and actionable threat forensics. With strong and effective performance and threat-detection effectiveness that is proven in third-party tests, organizations can protect their users, increase productivity, and create peace of mind.

## **BENEFITS**

The combined McAfee Endpoint Security and Fortinet solution:

- Provides comprehensive endpoint security against advanced threats with intelligent, adaptive scanning, advanced anti-malware protection, and actionable threat forensics.
- Effectively enforces network compliance security policies end to end, reduces your attack surface, and prevents a variety of sophisticated threats.
- Provides end-to-end security visibility and delivers security without compromise across your entire deployment.

## **ABOUT MCAFEE**

McAfee is one of the world's leading independent cybersecurity companies. Inspired by the power of working together, McAfee creates business and consumer solutions that make the world a safer place. Learn more at <http://www.mcafee.com/>.



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