

# Securing the Borderless Enterprise

## Checklist: Enterprise Firewall Technology Requirements

In the borderless enterprises of today, organizations must understand where their critical assets are and shore up defenses to be able to respond quickly with continuous security and monitoring across the entire network infrastructure. To gain insight into network security preparedness against modern cyber threats, in March 2016 Frost & Sullivan surveyed 764 enterprise IT decision-makers and influencers around the world. Based on the primary market data, the requirements for the next evolutionary stage of firewall technology are clear.

**The New Era.** Enterprise firewalls represent a new era in firewall technology. They are deployed based on the functions required at their specific location in a network. Each firewall focuses on the specific tasks needed at its location but communicates with other firewalls via network security interface that stretches across the entire enterprise. This consolidation closes gaps in security and simplifies management.

The following data is based on the survey findings. Check the lists to see where your requirements stand against those of your peers.



ENTERPRISE FIREWALL CORE CAPABILITIES	PRIORITIES	CHECK
Consolidation and simplification of security technologies and processes	√	<input type="checkbox"/>
Unified single policy engine to coordinate, identify, and manage threats	√	<input type="checkbox"/>
Central management interface / single pane of glass	√	<input type="checkbox"/>
Advanced security capabilities / protection from evolving threats	√	<input type="checkbox"/>
Flexibility to standardize security capabilities across borderless enterprise	√	<input type="checkbox"/>
Performance, reliability, and security efficiency that enable enterprise objectives	√	<input type="checkbox"/>
Inspection into network traffic to identify applications, users, devices, and threats	√	<input type="checkbox"/>
High throughput speed with reliable core and next-generation firewall capabilities	√	<input type="checkbox"/>
Fulfills regulatory requirements	√	<input type="checkbox"/>
Web filtering, network AV, device ID	√	<input type="checkbox"/>
Threat intelligence updates	√	<input type="checkbox"/>
Advanced threat detection	√	<input type="checkbox"/>
Networking capabilities (e.g., load balancing, VPN, NAT)	√	<input type="checkbox"/>
API-level integration and coordination within the enterprise security architecture	√	<input type="checkbox"/>
Agility to support future needs without a massive upgrade	√	<input type="checkbox"/>
Location: Protects internal network segments	√	<input type="checkbox"/>
Location: Includes virtual and public cloud systems	√	<input type="checkbox"/>
Location: Replaces dedicated security tools to reduce cost	√	<input type="checkbox"/>
Location: Integrates with SDN deployment	√	<input type="checkbox"/>

<sup>1</sup> Evolving Expectations for Enterprise Security, Key Insights on Security Networks Against Modern Cyber Threats, Frost & Sullivan analysis by Chris Rodriguez, March 2016

## Fortinet Can Help You Secure Your Borderless Enterprise

The Fortinet Enterprise Firewall Solution increases network security and reduces complexity while delivering highly reliable network performance. The Fortinet Security Fabric consolidates firewalls and security technology across the entire threat surface. And visibility and control of the borderless enterprise network is managed centrally through a single pane of glass.

ENTERPRISE FIREWALL IDENTIFYING FEATURES	FORTINET	CHECK
Application control	√	<input type="checkbox"/>
SSL inspection	√	<input type="checkbox"/>
User ID and device aware controls	√	<input type="checkbox"/>
Network segmentation	√	<input type="checkbox"/>
Threat intelligence updates	√	<input type="checkbox"/>
Advanced threat detection	√	<input type="checkbox"/>
Integrated intrusion inspection and prevention	√	<input type="checkbox"/>
Advanced malware sandboxing	√	<input type="checkbox"/>
Intrusion prevention system (IPS)	√	<input type="checkbox"/>
Antivirus	√	<input type="checkbox"/>
Stateful packet filtering	√	<input type="checkbox"/>
Virtual private networking (VPN)	√	<input type="checkbox"/>
Web filtering	√	<input type="checkbox"/>
Network availability	√	<input type="checkbox"/>
Device ID	√	<input type="checkbox"/>

ENTERPRISE FIREWALL KEY BENEFITS	FORTINET	CHECK
Reduces complexity by integrating security functions	√	<input type="checkbox"/>
Extends network visibility and control across network environments	√	<input type="checkbox"/>
Provides centralized management and simplifies policy enforcement	√	<input type="checkbox"/>
Replaces dedicated security tools to reduce costs	√	<input type="checkbox"/>
Fulfills regulatory requirements	√	<input type="checkbox"/>

PARTNER WITH FORTINET FOR ENTERPRISE FIREWALL SECURITY	FORTINET	CHECK
Performance and reliability: enabling technology that boosts performance	√	<input type="checkbox"/>
Integrated security functions for efficiency and simplicity	√	<input type="checkbox"/>
Centralized management for network visibility and policy control	√	<input type="checkbox"/>
Consolidation across network security environments	√	<input type="checkbox"/>
Automatic threat intelligence / global updates	√	<input type="checkbox"/>
Advanced threat detection	√	<input type="checkbox"/>

**Enter the new era of network security. Partner with Fortinet.**