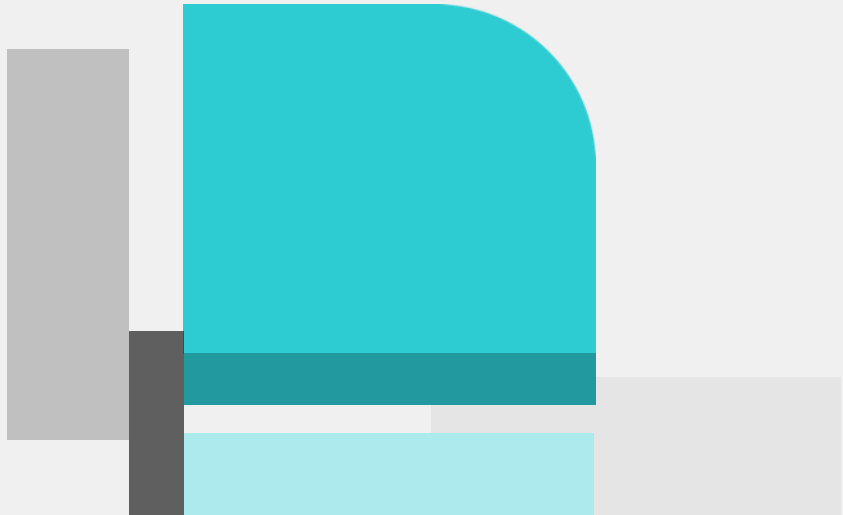
Network Security

Convergence of networking and security



Network Security – Business Challenges

Management complexity

Different configurations and managements of point products leading to human errors

Hight Total Cost of Ownership

Additional licenses for nonintegrated solutions

Scalability

Complex deployments and lack of available skilled staff

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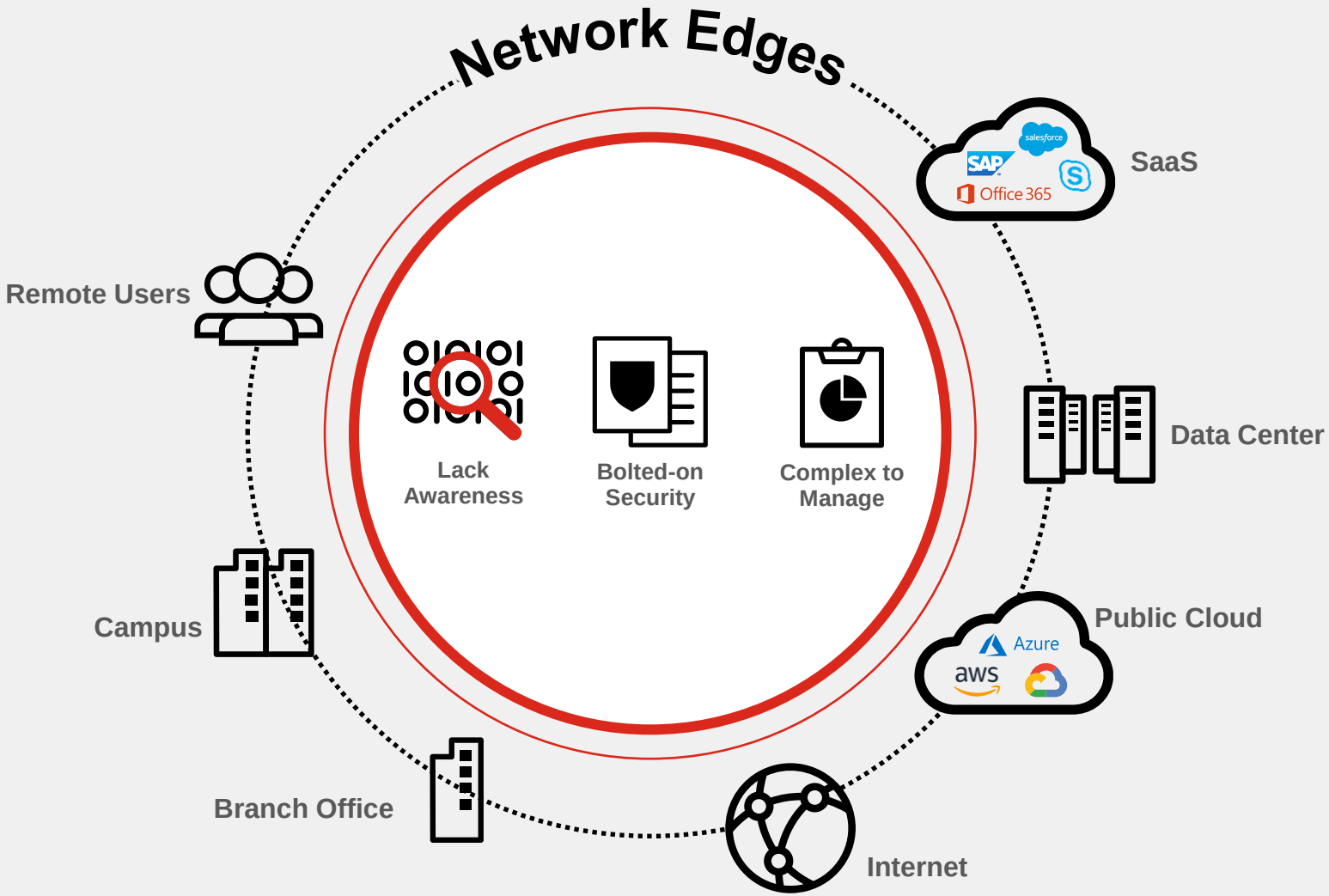
Disjointed Products Cause Complexity and Inefficiency

Network edges lack awareness, sufficient security & cohesive management



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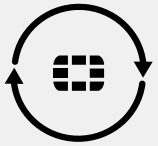
Why FortiGate NGFW for SMB?



Peace of Mind
with enterprise-class security

FortiGate with AI-powered FortiGuard services provides unified protection to stop known/unknown cyberthreats from all attack surfaces.

Risk Reduction
with centralized visibility

Intuitive FortiGate Cloud gives SMBs a real-time view of their network traffic, and how applications, users, and threats may impact the network.

Simplified Management
for better user experience

FortiGate enables SMBs to manage connected Fortinet products seamlessly from a single platform without complicated and time-consuming configurations.

Cost Savings
from integrated and automated solution

Converged security and networking with included ZTNA and SD-WAN features help SMBs save more while optimizing secure access and network performance.

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Network Security

Components:

FortiGate *NGFW*

FortiSwitch *Switch*

FortiAP *AP*

FortiExtender *Network Extender*

Powered by the same OS

FortiLink

Fortinet's Network security solution offers:

Convergence

One Console, One Config

Reduced costs

Fewer Licenses
Simplified Operations

Flexibility

Easy Deployment,
Plug-and play

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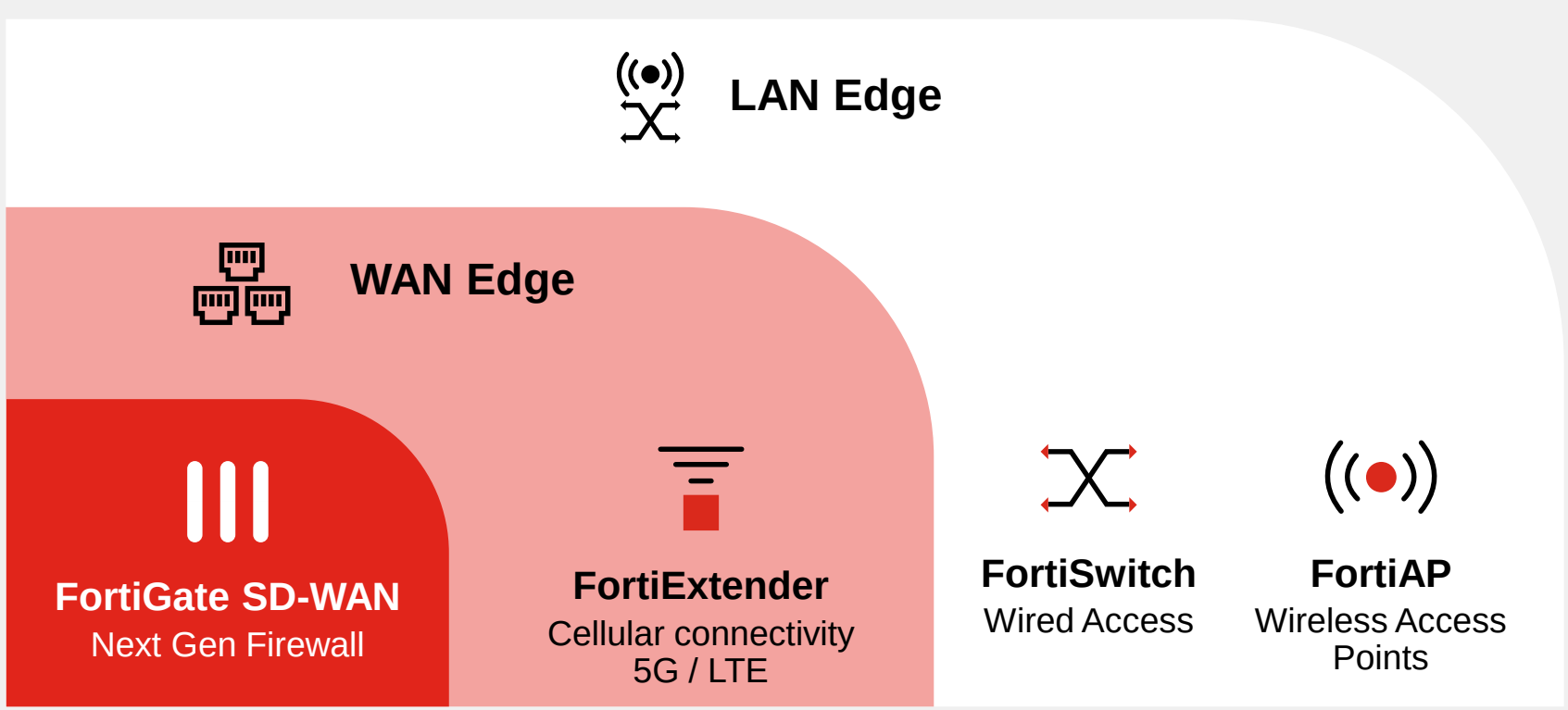
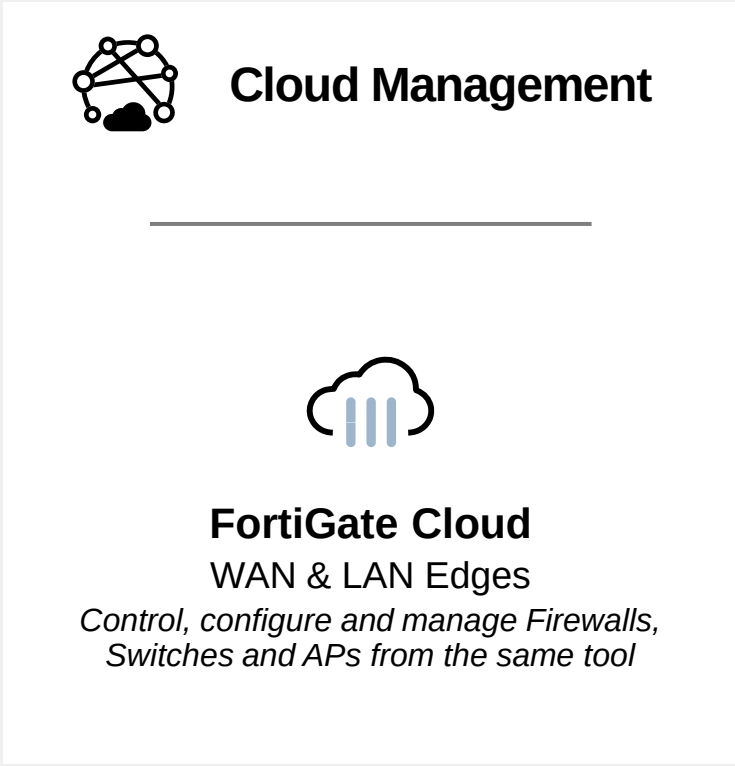
How Fortinet Secures the Network and Wireless

Convergence of Network and Security





Native integration between products with FortiLink

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Fortinet Secure LAN Edge via FortiLink

Direct control, configuration, and management through FortiOS

Configuration

- Agile deployment auto discovery

Control

- Extends the next-generation firewall (NGFW) features and inspection to the LAN

Management

- A significant step beyond centralized management
- Included with FortiOS, no additional licenses

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Network Security Components

FortiGate

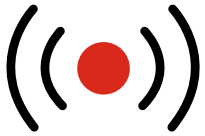
17+ models

Next Generation Firewall

WLAN Controller

Switch Controller

FortiAP



20+ models

- 802.11ac & Wi-Fi 6
- Internal or external antenna

Indoor/Outdoor/Wall jack

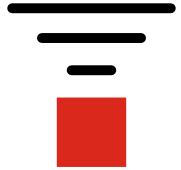
FortiSwitch

40+ models

- 1 GE, Multi-GE, 10GE, 100GE
- Edge Switches
- Data Center and Top of Rack
- Rugged Options

L2/L3 & Advanced Services

FortiExtender



- Up to Two radios
- Ethernet WAN port
- Routing capabilities
- Multiple LAN ports

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FortiGate NGFW Differences

ASIC-based Firewalls

Accelerating application performance and user experience with low TCO

FortiOS

Enabling integrated and automated security across all attack surfaces

AI-powered FortiGuard

Delivering consistent and real-time security detection and response

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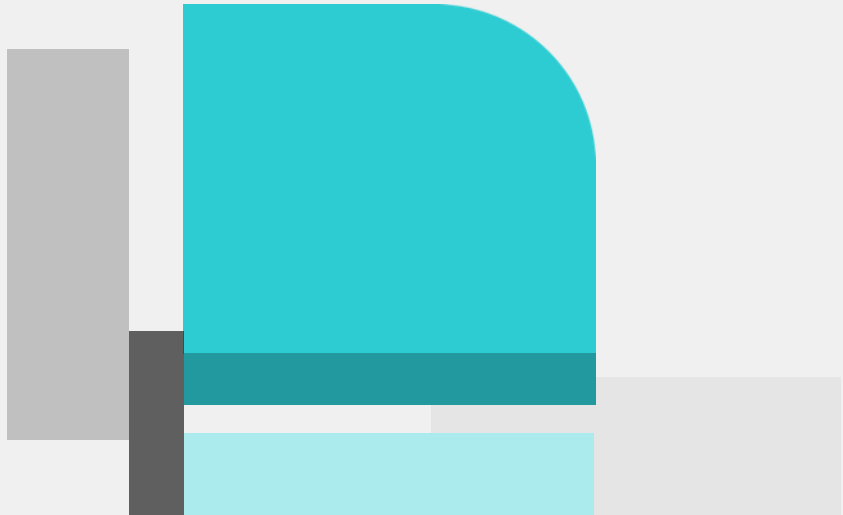
Solution Validation



Recognized As a Leader in both the 2022 Gartner® Magic Quadrant™ for SD-WAN and Network Firewalls and as a Visionary in the 2022 Magic Quadrant™ for Enterprise Wired and Wireless LAN Infrastructure

2022 Gartner® Magic Quadrant™ for SD-WAN

2022 Gartner® Magic Quadrant™ for Network Firewalls

2022 Gartner® Magic Quadrant™ for Enterprise Wired and Wireless LAN Infrastructure

Gartner, Magic Quadrant for SD-WAN, By Jonathan Forrest, Naresh Singh, Andrew Lerner, Karen Brown, 12 September 2022.
Gartner, Magic Quadrant for Network Firewalls, By Rajpreet Kaur, Adam Hils, Tom Lintemuth,19 December 2022.
Gartner, Magic Quadrant for Enterprise Wired and Wireless LAN Infrastructure, By Mike Toussiant, 22 December 2022.

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Reviewed by Customers in Multiple Categories and Markets

A Customer's Choice for

- Wired and Wireless
- Network Firewall
- SD-WAN

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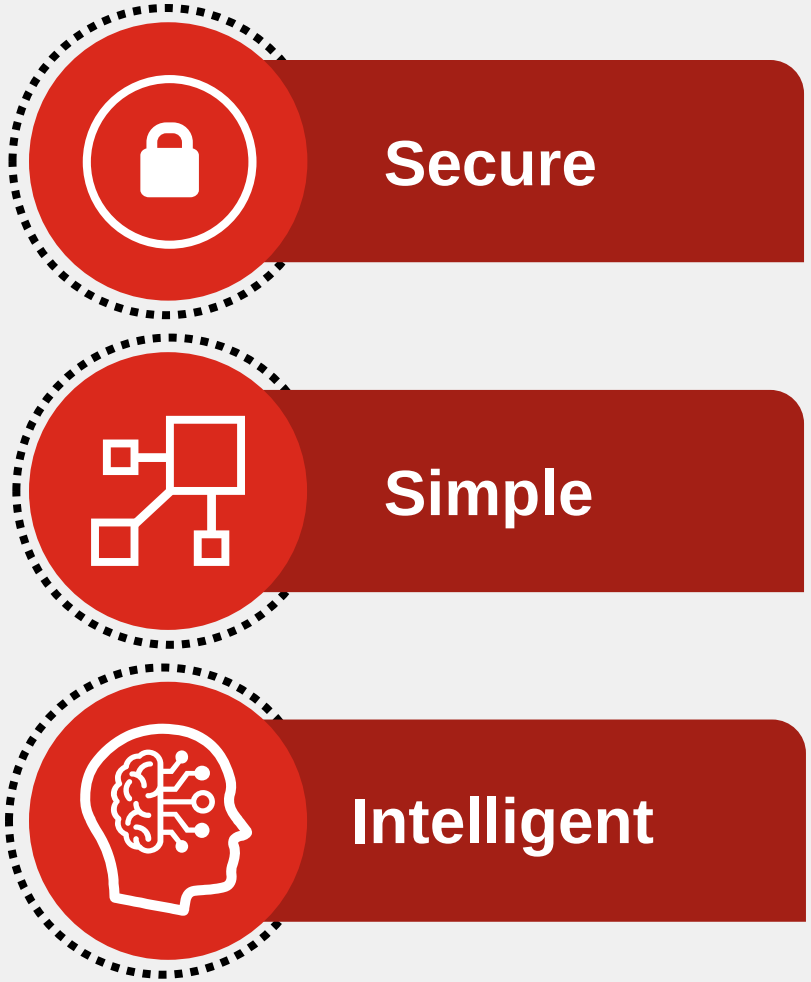
Delivering on Fortinet's Network Security Vision

A security-driven approach to networking through convergence



No other vendor offers tighter security integration

Single pane of glass to manage, automate, and orchestrate, SD-WAN, security, wired, wireless, NAC and 5G Gateway

Native insights and recommendations for performance and resiliency. A rich data set for AI/ML to drive better outcomes and user experiences.

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