FortiSP5: Securing the Distributed Network Edge

- **Industry-Leading**
  Performance Per Watt

- **Secure Boot**

- **88%**
  Less Power Consumption Compared to Leading Industry-Standard CPUs

- **5th Gen Security**
  7nm technology

- **2.5Gbps**
  SSL Deep Inspection

- **Interfaces**
  1G/2.5G/5G/10G/40G

- **VXLAN / GRE / QoS**
  Hardware-Accelerated Encapsulation and Traffic Shaping

- **32X Encryption**
  Hardware-Accelerated Encryption

- **NP7 lite + CP 10**
  Security Processing Unit

- **Dual Cluster CPU**
  Octa Core

- **17X**
  NGFW Performance Gains Over Leading Industry-Standard CPUs

- **Volumetric DDoS Protection**
Strong Growth in Annual Billings and Profitability

Source: Fortinet estimates based on recent analyst research.

Technological Leadership

Nearly 3X more patents than comparable network security companies

A Large and Growing Total Available Market

Total addressable market of $180B growing to $249B by 2026

The Most Deployed Network Security Solution

~50% of All Next-Gen Firewall Shipments

Source: Fortinet estimates based on recent analyst research.
Fortinet: Making Possible a Digital World You Can Always Trust

For over 20 years, Fortinet has been a driving force in the evolution of cybersecurity and networking and security convergence. Our network security solutions are the most deployed, most patented, and among the most validated in the industry. Our broad, complementary portfolio of cybersecurity solutions is built from the ground up with integration and automation in mind, enabling more efficient, self-healing operations and a rapid response to known and unknown threats.

Investing in Global Scale

- With over 2M square feet of real estate owned, we are investing in long-term economic growth.
- Commitment to carbon neutral by 2030.
- New state-of-the-art LEED-Gold Certified 172,000 sqft HQ building.

Mission: to secure people, devices, and data everywhere

**Founded:** October 2000  
**Headquarters:** Sunnyvale, CA  
**Fortinet IPO (FTNT):** November 2009

Investing in the future $10B billings by 2025

Corporate Social Responsibility

A digital world you can always trust is essential to achieving just and sustainable societies. At Fortinet, we believe it is our corporate social responsibility to deliver on that vision by innovating sustainable security technologies, diversifying cybersecurity talent, and promoting responsible business across our value chain.

**Innovative for a Safe Internet**

**Growing an Inclusive Cybersecurity Workforce**

**Respecting the Environment**

**Promoting Responsible Business**

Learn more at fortinet.com/CSR

Key Fortinet Advantages

<table>
<thead>
<tr>
<th>Security Fabric</th>
<th>Security Processors</th>
<th>Value &amp; Performance</th>
</tr>
</thead>
</table>
| Organically developed, highly integrated and automated cybersecurity platform | Superior NGFW and SD-WAN performance and efficiency | <5 Integration  
<50 Prevention  
100s+ Detection  
# of companies |

The only company to excel at all key stages of network security
Expanding Attack Surface Increases Cyber Risk

Today, CIO and CISO teams are being asked to achieve the near-impossible as the infrastructure evolution continues. They are saddled with business-critical initiatives, such as securing and connecting work from anywhere, enabling digital acceleration, managing applications moving to the edge or cloud, and securing OT environments converging with IT. Meanwhile, the threat landscape continues to evolve as cyber risks escalate. As cybercriminals adopt advanced persistent threat methods, they are finding ways to weaponize new technologies at scale to enable more disruption and destruction. At the same time, they are spending more time on reconnaissance to attempt to evade detection, intelligence, and controls.

<table>
<thead>
<tr>
<th>Driving Infrastructure Evolution</th>
<th>Evolving Threat Landscape</th>
</tr>
</thead>
<tbody>
<tr>
<td>How we interact with customers, suppliers, infrastructure, and employees is changing</td>
<td>Cybercriminals are adopting APT-like tactics to develop and scale attacks faster than ever</td>
</tr>
<tr>
<td>Work from Anywhere</td>
<td>Cloud</td>
</tr>
<tr>
<td>Digital Acceleration</td>
<td>Nation Sponsored</td>
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<tr>
<td>Application Journey</td>
<td>Ransomware-as-a-Service</td>
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<tr>
<td>Operational Technology Connectivity</td>
<td>Growing Attack Surface</td>
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<tr>
<td></td>
<td>AI-enabled</td>
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<tr>
<td></td>
<td>OT</td>
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</tbody>
</table>

Consolidation Reduces Complexity and Accelerates Outcomes

By consolidating vendors and point products—across both security and networking—organizations can reduce complexity to close security gaps, improve operational efficiency, optimize user experience, and accelerate outcomes.

<table>
<thead>
<tr>
<th>Convergence: Secure Networking</th>
<th>Cybersecurity Platform</th>
<th>Threat Intelligence and Security Services</th>
</tr>
</thead>
<tbody>
<tr>
<td>Convergence of networking and security across WLAN, LAN, SD-WAN, ZTNA, SASE, and network firewall</td>
<td>Broad, integrated, and automated platform connecting users and devices, networks, cloud and data center applications, and NOC/SOC</td>
<td>Real-time threat intelligence, AI-powered security services, and expert services</td>
</tr>
</tbody>
</table>

| ASIC Appliance | Virtual | Cloud Native | As-a-Service | Container |
The Fortinet Security Fabric

The Fortinet Security Fabric is at the heart of the Fortinet security strategy. It is a platform organically built around a common operating system and management framework to enable broad visibility, seamless integration and interoperability between critical security elements, and granular control and automation.

**Broad**
Visibility and protection of the entire digital attack surface to better manage risk.

**Integrated**
Solution that reduces management complexity and shares threat intelligence.

**Automated**
Self-healing networks with AI-driven security for fast and efficient operations.

Learn more at fortinet.com/securityfabric

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**Broad Portfolio of Solutions to Protect Your Digital Attack Surface**

**User & Device Security**
- Universal ZTNA
- SASE
- CASB
- Identity Authentication
- Network Access Control
- Endpoint (EPP/EDR)

**Secure Networking**
- Next-Generation Firewall
- Secure SD-WAN
- Ethernet
- Wireless
- 5G/LTE WAN Gateway
- And more

**Cloud Security**
- Cloud-Native Protection
- DevSecOps
- Cloud Firewall
- SD-WAN for Multi-Cloud
- WAF
- Email Security
- ADC/GSLB
- Anti-DDOS

**Network Operations**
- Centralized Management
- Cloud-Based Management
- AIOps for Networking
- Digital Experience Monitoring (DEM)

**Security Operations**
- EDR/XDR
- SIEM/SOAR/XDR
- NDR
- Deception
- DRPS/EASM
- Managed SOC & MDR
- Incident Response
- SOC Readiness Training

**Open Ecosystem**
- Fabric Connectors
- Fabric API
- Fabric DevOps
- Extended Ecosystem
- 500+ Open Ecosystem Integrations
FortiGuard Labs: Industry-Leading Threat Intelligence

Founded in 2002, FortiGuard Labs is Fortinet’s elite cybersecurity threat intelligence and research organization. Partnering with law enforcement agencies, government organizations, and security vendor alliances worldwide to fight emerging global security risks, FortiGuard Labs maintains real-time threat intelligence and innovative prevention tactics and tools across the Fortinet Security Fabric in three key categories:

- **Trusted ML and AI**
  Stop unknown threats faster with a powerful combination of actionable local learning and AI and ML models on large-scale, cloud-driven data lakes.

- **Real-Time Threat Intelligence**
  Achieve a proactive security posture through continuous security updates based on in-house research and collaboration.

- **Threat Hunting and Outbreak Alerts**
  Achieve faster remediation with alerts, analysis and detection, prevention and remediation tools, including outbreaks.

Global Leadership and Collaboration

FortiGuard AI-Powered Security

This rich set of industry-leading security capabilities has been unified into one security framework to deliver coordinated, context-aware policy for hybrid deployments across networks, endpoints, and clouds. These services continually assess risk and automatically adjust prevention to counter known and unknown threats in real time.

- **Market-Leading Security-as-a-Service**
  ML-enabled security, deployed close to the protected assets powered by FortiGuard Labs

- **Consistent Context-Aware Policy**
  Centralized detection and prevention delivered from the cloud built for hybrid environments

- **Coordinated Real-Time Prevention**
  Continuously assess the risks and automatically respond and counter known and unknown threats

FortiGuard Security Integration Across the Security Fabric

<table>
<thead>
<tr>
<th>Content Security</th>
<th>FortiGate (HW/VM/SASE)</th>
<th>Proxy</th>
<th>FortiTrust</th>
<th>XDR</th>
<th>FortiWeb</th>
<th>FortiMail</th>
<th>FortiADC</th>
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More FortiGuard subscription services are available across our broad Security Fabric portfolio of solutions. Learn more at fortinet.com/fortiguard
FortiOS: The Foundation of Security

FortiOS is the foundation of the Fortinet Security Fabric, converging and consolidating many security and networking technologies and use cases into a simplified, single policy and management framework.

What’s New in FortiOS

- **FortiGate SD-WAN**: Automated overlay orchestration and large-scale zero-touch provisioning
- **FortiGate Firewall**: FortiGate is the first next-generation firewall to support HTTP/3.0
- **SD-Branch**: Automation, simplified deployment and orchestration for global-scale management
- **FortiToken / FortiToken Cloud**: Fido-based passwordless authentication
- **SASE**: Automated provisioning of ZTNA agents & apps from FortiSASE
- **Identity**: Cloud-based authentication services
- **LAN Edge**: Zero-touch provisioning, campus, and large-scale SD-Branch
- **ZTNA**: Unified policy configuration in a single GUI

FortiTrust: Redefining the Future of Security Services

FortiTrust provides user-based licensing across all networks, endpoints, and clouds

- **Access**: Add ZTNA to your FortiGate-based network.
- **Identity**: Cloud-based subscription across enterprise hybrid environments.

FortiCare: Expertise at Your Service

FortiCare Services helps thousands of organizations every year to get the most out of their Fortinet Security Fabric solutions. We have over 1,400 experts providing accelerated implementation, reliable assistance, and proactive care through advanced support and professional services to maximize your security and performance.

Adopting new technologies is not a project with a start and a finish. Instead, it is a journey from design and implementation to optimization, operations, and ongoing management of the solution. Fortinet has you covered every step of the way, freeing up your resources to focus on your business needs.

- **Design**
  - Business Alignment
    - High-level design
    - Low-level design
    - Product-agnostic workshops
  - Deployed Accelerated Implementation
    - Migration
    - Configuration
    - Implementation
    - Validation
    - Knowledge Transfer
  - Operate Reliable Assistance
    - 24×7 support
    - Premium hardware replacement
    - Technical account management
    - Proactive incident avoidance
    - Dedicated resources
  - Optimize Performance Excellence
    - Healthchecks
    - Software upgrade recommendation
    - Incident readiness
    - Penetration testing
  - Evolve Personalized Care
    - Product upgrade assistance
    - Transformation readiness
    - Migration & replacement
    - Software upgrade
Accelerate the Convergence of Networking and Security Across Every Network Edge

Introducing the FortiSP5, the latest breakthrough in ASIC technology from Fortinet to propel major leaps forward in securing distributed network edges. Building on over 20 years of ASIC investment and innovation from Fortinet, FortiSP5 delivers significant secure computing power advantages over traditional CPU and network ASICs, lower cost and power consumption, and the ability to enable new, secure infrastructure across branch, campus, 5G, edge compute, operational technologies, and more.

5th Gen Security Processing Unit
7nm technology

Secure Boot

Industry-Leading Performance Per Watt

88%
Less Power Consumption Compared to Leading Industry-Standard CPUs

32X Encryption
Hardware-Accelerated Encryption

VXLAN / GRE / QoS
Hardware-Accelerated Encapsulation and Traffic Shaping

Volumetric DDoS Protection

FortiSP5
T6WYOSBG-0001

Interfaces
1G/2.5G/5G/10G/40G

NP7 lite + CP 10
Security Processing Unit

2.5Gbps SSL Deep Inspection
Dual Cluster CPU Octa Core

17X NGFW Performance Gains Over Leading Industry-Standard CPUs

Forrester Total Economic Impact™ of Fortinet Secure SD-WAN

300% ROI

8 Months Payback

65% Reduction in the number of network disruptions

50% Increase in productivity of security and network teams

RETAIL
MANUFACTURING
FINANCIAL SERVICES
HEALTHCARE

LOCATION
Asia HQ, global
North America HQ, global
Europe
North America

REVENUE
$13 billion
$17 billion
$18 billion
$1.7 billion

EMPLOYEES
16,000
133,000
86,000
3,500

SITES
8,500
1,000
2,500
750
Training and Certifications

Fortinet NSE Certification Program
The Fortinet Network Security Expert (NSE) Certification Program is an 8-level training and assessment program designed for customers, partners, and employees to help close the cybersecurity skills gap. With over 1 million security certifications to date, Fortinet delivers expert-level training in local languages in 148 countries and territories worldwide through our ecosystem of Authorized Training Centers, academic partners, and a variety of online options (many of them free of charge).

Fortinet Training & Education Partner Programs
The Fortinet Training Institute’s ecosystem of public and private partnerships helps Fortinet address the skills gap by increasing the access and reach of our cybersecurity certifications and training. The Academic Partner program works with academic institutions including K–12 and higher education in 97 countries and territories. The Education Outreach program partners with industry, academia, government, and nonprofits to reach a broad population, while also focusing on recruiting women, minorities, veterans, and other underrepresented groups.

New Fortinet Security Awareness and Training Service
The Security Awareness and Training service offers every organization the ability to further protect their critical digital assets from cyber threats by building employee cybersecurity awareness and creating a cyber-aware culture.

Free Cybersecurity Awareness and Training for All U.S. School Districts
As part of the 2022 White House National Workforce and Education Summit, Fortinet is offering its Security Awareness and Training service, with customized content for the education sector, to all 8 million staff and faculty in U.S. school districts and systems. This offering is part of Fortinet’s mission to help close the cybersecurity skills gap.

Our Pledge to Train 1 Million People by 2026
Fortinet has pledged to train 1 million people globally over five years through its Training Advancement Agenda (TAA) and Fortinet Training Institute programs to help close the cybersecurity skills gap. January 2022 marked the start of this five-year pledge that will use Fortinet’s award-winning certification program content as the basis for meeting this goal. The Fortinet Training Institute has been recognized by various organizations for our contribution to excellence in cybersecurity training and certification as well as our many programs that help close the cybersecurity skills gap.
Our Global Partner Commitment

Fortinet is a channel-centric company that has created a large, global network of trusted advisors that customers can rely on to secure their digital acceleration and strategically drive their business growth.

**Engage Partner Program**

Fortinet’s global partner program is driven by three basic concepts:

**Growth Through Technology Differentiation**

Fortinet’s breadth of products is tightly integrated into one highly automated, high-performing platform that spans endpoints, networks, and clouds, and includes tools to easily connect with adjacent technologies.

**Business Success with Proven Credibility**

Fortinet’s superior technology innovation and industry-leading threat intelligence, alongside our customer ratings and independent analyst reports leadership validate and differentiate our partners’ offerings.

**Long-Term, Sustained Growth**

The Engage Partner Program offers sustained sales, marketing, and executive support so you can grow productive, predictable, and successful relationships. With drivers of growth built into the program, like our Specializations, we provide paths to expertise for solutions that are driving demand in the market, ensuring you are positioned for success.

**Analyst Recognition**

**33**

**Enterprise Analyst Reports Validate Fortinet Across Networking and Security**

Fortinet is one of the most validated enterprise cybersecurity companies in the world. We continually rank in leadership positions across dozens of analyst reports, highlighting the broad application of the Fortinet Security Fabric.
Fortinet is recognized as a Leader in two Gartner® Magic Quadrant™ Reports:

- Network Firewalls
- SD-WAN Infrastructure

Fortinet is also recognized in four additional Gartner Magic Quadrant Reports, including a wide range of technologies:

- Wired and WLAN
- Web Application and API Protection
- Endpoint Protection Platforms
- SIEM
- Secure Web Gateway
- Indoor Location Services
- Access Management

And Fortinet is an Honorable Mention in three additional Gartner 2020/2022 Magic Quadrant Reports:

Learn more at fortinet.com/solutions/gartner-magic-quadrants

Third-Party Testing and Certifications

Fortinet submits its products for impartial, third-party performance and effectiveness testing with the most prominent organizations in the industry, with consistent positive results.

- Antiphishing Approved
- 100% Protection, two years in a row
- All Test Cases
- All Signature-Independent
- Top Analytical Detection
- Only vendor with all three VB100, VBSpam, and VBWeb certifications
- Highest "VBSpam+" rating
- Web Application Firewall security efficacy testing
- Near perfect score at 96%

See our Gartner Peer Insights reviews and distinctions at www.gartner.com/reviews

Gartner Peer Insights Customers’ Choice distinctions are based on the ratings of vendors by verified end-user professionals across a variety of industries and from locations around the world. These distinctions take into account both the number of end-user reviews a vendor receives, along with the overall ratings score a vendor receives from those end-users.

Fortinet is proud to be named a Gartner Peer Insights Customers’ Choice in several critical areas:

Network Firewalls
Wired and Wireless LAN Access Infrastructure
Email Security
WAN Edge Infrastructure

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Fortinet secures over half a million enterprises, service providers, and government organizations around the world.

<table>
<thead>
<tr>
<th>Company</th>
<th>Description</th>
<th>HQ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lexmark</td>
<td>Global leader in imaging, output technology solutions and managed print services.</td>
<td>United States</td>
</tr>
<tr>
<td>QIAGEN</td>
<td>Serves more than 500,000 customers around the globe, all seeking answers from the building blocks of life – DNA, RNA and proteins.</td>
<td>Germany</td>
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<tr>
<td>Sidel</td>
<td>Leading global provider of equipment and services solutions for packaging products in PET, can, glass and other materials.</td>
<td>Italy</td>
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<tr>
<td>Dole</td>
<td>One of the world’s largest producers of high-quality fresh fruits and vegetables.</td>
<td>United States</td>
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<td>GRUPO COUTINHO</td>
<td>Largest top Brazilian supermarket chain, serving over 2 million customers a month.</td>
<td>Brazil</td>
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<td>Maratá</td>
<td>For more than 50 years, Maratá has been one of the largest food manufacturers in Brazil.</td>
<td>Brazil</td>
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<td>Dole</td>
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<td>smart fit</td>
<td>Largest Latin American network of fitness centers, with over 1,000 branches and over 3 million customers in 13 different countries.</td>
<td>Brazil</td>
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<tr>
<td>Orange</td>
<td>Orange is one of the world’s leading telecommunications operators and global provider of IT and telecommunications services.</td>
<td>France</td>
</tr>
<tr>
<td>UNIVERSITY OF BIRMINGHAM</td>
<td>One of the U.K.’s largest universities, the University of Birmingham is over 100 years old with over 30,000 students across the world.</td>
<td>United Kingdom</td>
</tr>
</tbody>
</table>

Visit fortinet.com/customers to see how many of our customers benefit from Fortinet solutions and the Fortinet Security Fabric.