

# How To Guide

## Fortinet Product Guide

**FORTINET**®



EXCLUSIVE  
NETWORKS

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**FORTIGATE****Next Generation Firewall (NGFW) with SOC acceleration and industry leading secure SD-WAN**

FortiGate is the flagship NGFW product family from Fortinet that delivers best-in-class security, high-speed networking, hardware-accelerated performance features for NGFW/NGIPS, and built-in market-leading SD-WAN. FortiGate comes in different form factors and sizes, including ruggedized appliances to withstand the harsh environmental conditions and support industrial applications.

[Click here for the FortiGate datasheet](#)

**FORTIGUARD****Threat Intelligence powered by FortiGuard Labs**

FortiGuard provides security services that keep the FortiGate products up-to-date with the latest security updates and threat intelligence. The FortiGuard security services are offered through subscription bundles and includes several advanced threat protection services for enterprise networks, web, cloud, OT, etc. The Industrial Security Service and IoT Detection Service are part of FortiGuard subscription offering.

[Click here for the FortiGuard datasheet](#)

**FORTISWITCH****Deliver security, performance and manageable access to data**

FortiSwitch is a secure access switch family that delivers outstanding performance, scalability, and manageability. FortiSwitch allows OT customers to extend networking and security across their network infrastructure. FortiSwitch seamlessly integrates with the Security Fabric via FortiLink and can be managed by FortiCloud or FortiGate. The unified management of FortiSwitch via FortiGate offers complete visibility and control of users and devices in the network.

[Click here for the FortiSwitch datasheet](#)

## FORTIAP

### Protected LAN Edge deployments with wireless connectivity



FortiAP is a series of Wi-Fi access points that can be managed by FortiCloud or FortiGate. FortiAPs offer high throughput, optimal coverage, and enterprise class 802.11ax services. FortiAPs can seamlessly integrate with the Security Fabric and enables security and access control policy enforcement for the end users as devices try to access the network.

[Click here for the FortiAP datasheet](#)

## FORTIEXTENDER

### Extend scalable and resilient LTE and LAN Connectivity



FortiExtender provides a bridge between local Ethernet LANs and wireless LTE/5G WAN connections. FortiExtender can support diverse wireless applications with a high-level of backhaul redundancy using a single LTE/5G modem platform over redundant SIM cards attaching to different mobile networks. FortiExtender can be used as the LTE/5G backhaul of an on-premise FortiGate with maximum wireless LTE/5G signal strength. FortiExtender can be centrally managed by FortiGate.

[Click here for the FortiExtender datasheet](#)

## FORTIMANAGER

### Centralized management of your Fortinet security infrastructure



FortiManager provides automation-driven centralized management. FortiManager allows the end-users to centrally manage FortiGate, FortiSwitch, and FortiAP devices in their network with a single-console centralized management platform.

[Click here for the FortiManager datasheet](#)

**FORTIANALYZER** Correlation, reporting and log management in Security Fabric

FortiAnalyzer offers centralized log management, analytics, and reporting platform, providing customers with single-pane orchestration, automation, and response for simplified security operations, proactive identification, remediation of risks, and complete visibility of the entire attack surface. FortiAnalyzer can collect different types of logs and events from Fortinet products via Security Fabric integration.

[Click here for the FortiAnalyzer datasheet](#)

**FORTISIEM** Integrated security, performance and availability monitoring

FortiSIEM provides unified event correlation and risk management for multivendor implementations. It enables analytics from diverse information sources including logs, performance metrics, SNMP traps, security alerts, and configuration changes. It feeds all the information into an event-based analytics engine and supports real-time searches, rules, dashboards, and ad-hoc queries

[Click here for the FortiSIEM datasheet](#)

**FORTISOAR** Automated security operations, analytics and response

offers a holistic security orchestration, automation, and response workbench designed for SOC teams to efficiently respond to the ever-increasing influx of alerts, repetitive manual processes, and shortage of resources. Its patented and customizable security operations platform provides, automated playbooks and incident triaging, and real-time remediation for enterprises to identify, defend, and counter attacks. FortiSOAR optimizes SOC team productivity by seamlessly integrating with over 300+ security platforms and 3000+ actions. This results in faster responses, streamlined containment, and reduces mitigation times from hours to seconds.

[Click here for the FortiSOAR datasheet](#)

**FORTISANDBOX** Secure virtual runtime environment to expose unknown threats

FortiSandbox provides a top-rated AI-powered breach protection that integrates with the Security Fabric platform to address the rapidly evolving and targeted threats, including ransomware, cryptomalware, and others across a broad digital attack surface. Specifically for OT, it delivers real-time actionable intelligence through automating zero-day advanced malware detection and response for detecting threats targeting OT systems and protocols.

[Click here for the FortiSandbox datasheet](#)

**FORTIDECEPTOR** Discover active attackers inside with decoy assets

FortiDeceptor offers honeypot and deception technology to deceive, expose, and eliminate external and internal threats early in the attack kill chain and it proactively blocks these threats before any significant damage occurs. It automates blocking of the attackers targeting IT and OT systems and devices by laying out a layer of decoys and lures that helps with redirecting attackers focus while revealing their presence on the network.

[Click here for the FortiDeceptor datasheet](#)

**FORTIEDR** Automated protection and orchestrated incident response

FortiEDR delivers real-time automated endpoint protection with orchestrated incident response across IT and OT endpoints. All in a single integrated platform, with flexible deployment options, and a predictable operating cost, FortiEDR provides real-time proactive risk mitigation, endpoint security, preinfection protection via a kernel-level Next Generation AntiVirus (NGAV) engine, postinfection protection, and forensics.

[Click here for the FortiEDR datasheet](#)

## FORTICLIENT

### IPSec and SSL VPN Tunnel, endpoint telemetry and more

FortiClient includes the ZTNA, SASE, and EPP capabilities:

#### ZTNA

enables remote users to access their corporate applications while ensuring strict authentication and verifiable endpoint security posture before any access is granted.



#### SASE

ensures remote users can securely connect to the corporate following the same corporate security policies regardless of their location. SASE integrates seamlessly with ZTNA to deliver a transparent user experience while offering security protection for all endpoints from advanced threats.

#### EPP

offers vulnerability detection and protection, auto-patching Antivirus, application firewall, anti ransomware, and endpoint management.

[Click here for the FortiClient datasheet](#)

## FORTINAC

### Visibility, access control and automated responses for all networked devices

FortiNAC offers network access control that enhances the Security Fabric with visibility, control, and automated response for everything that connects to the network. FortiNAC provides protection against malicious access, extends access control to 3rd party devices, offers greater visibility for devices, supports dynamic network access control, and orchestrates automatic responses to a wide range of networking events.



[Click here for the FortiNAC datasheet](#)

**FORTIAUTHENTICATOR Identify users wherever they are and enforce strong authentication**

FortiAuthenticator offers single sign-on and user authorization into the Fortinet secured enterprise network identifying users, querying access permissions from 3rd party systems, and communicating the access requests to FortiGate to implement identity-based security policies. FortiAuthenticator supports wide array of methods and tools for authentication and authorization, such as Active Directory, RADIUS, LDAP, SAML SP/IdP, PKI, and multi-factor authentication.

[Click here for the FortiAuthenticator datasheet](#)

**FORTITOKEN One time password application with push notification**

FortiToken enables two-factor authentication with One-Time Password (OTP) Application with Push Notifications or a Hardware Time-Based OTP Token. FortiToken Mobile (FTM) and hardware OTP Tokens are fully integrated with FortiClient, secured by FortiGuard, and leverage direct management and use within the FortiGate and FortiAuthenticator security solutions. FortiGate, FortiToken, and FortiAuthenticator integrated solution is easy to implement, use, and manage for multi-factor authentication use case.

[Click here for the FortiToken datasheet](#)

**FORTIWEB Prevent web application attacks against critical web assets**

FortiWeb offers security protection for business-critical web applications and APIs from attacks that target known and unknown vulnerabilities. Using an advanced multi-layered approach backed by a sophisticated machine learning engine, FortiWeb protects against the OWASP Top 10 and more. The FortiWeb product line offers solutions and deployment options across SaaS, VMs, and hardware appliances.

[Click here for the FortiWeb datasheet](#)



**FORTINDR****Accelerate mitigation of evolving threats and threat investigation**

FortiNDR offers next-generation AI-driven breach protection technology to defend against various cyber-threats, including advanced persistent threats through a trained Virtual Security Analyst™. The virtual analyst helps with identifying, classifying, and responding to threats including those well camouflaged. Employing – patent-pending – Deep Neural Networks based on Advanced AI and Artificial Neural Network, it provides sub-second security investigation by harnessing deep learning technologies that assist in an automated response to remediate different types of attacks

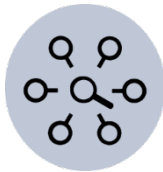
[Click here for the FortiNDR datasheet](#)

# The Fortinet Security Fabric

## The industry's highest-performing cybersecurity mesh platform, powered by FortiOS

- Spans the extended digital attack surface and cycle, enabling self-healing security and networking to protect devices, data, and applications.
- Brings together the concepts of convergence and consolidation to provide comprehensive real-time cybersecurity protection from users to applications.

### The Fabric is built on three key attributes



#### BROAD

Detect threats and enforce security everywhere

Our broad portfolio includes converged networking and security offerings across endpoints, networks, and clouds. It enables high-performing connectivity and coordinated real-time threat detection and policy enforcement across the entire digital attack surface and lifecycle.



#### INTEGRATED

Close security gaps and reduce complexity

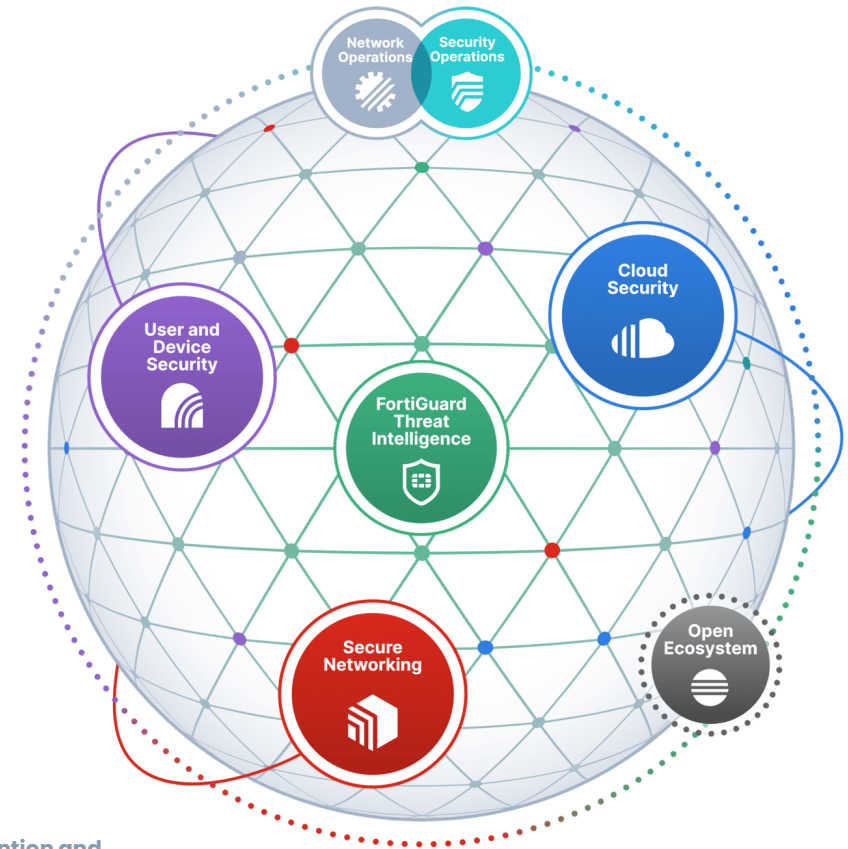
Best-of-breed technologies are integrated with AI-powered centralized analysis and automated prevention. This delivers cohesive and consistent security, simplified operations across different technologies, locations, and deployments.



#### AUTOMATED

Enable faster time-to-prevention and efficient operations

A context aware, self-healing network and security posture leverages cloud-scale and advanced AI to automatically deliver near-real-time, user-to-application coordinated protection across the Fabric. Process automation simplifies operations for large scale deployments and frees up IT teams, to focus on innovation.





# Fortinet Security Fabric

The industry's highest performing integrated cybersecurity mesh platform



**FortiOS**

The heart of the Fortinet Security Fabric

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|--|--|---|--|---|---|
| <p><b>Secure Networking</b></p> <ul style="list-style-type: none"> <li><b>FortiGate</b><br/>NGFW w/ SOC acceleration and industry-leading secure SD-WAN</li> <li><b>FortiGate SD-WAN</b><br/>Application-centric, scalable, and Secure SD-WAN with NGFW</li> <li><b>FortiExtender</b><br/>Extend scalable and resilient LTE and LAN connectivity</li> <li><b>FortiAP</b><br/>Protected LAN Edge deployments with wireless connectivity</li> <li><b>FortiSwitch</b><br/>Deliver security, performance, and manageable access to data</li> <li><b>FortiNAC</b><br/>Visibility, access control and automated responses for all networked devices</li> </ul> | <p><b>Cloud Security</b></p> <ul style="list-style-type: none"> <li><b>FortiGate VM</b><br/>NGFW w/ SOC acceleration and industry-leading secure SD-WAN</li> <li><b>FortiDDOS</b><br/>Machine-learning quickly inspects traffic at layers 3, 4, and 7</li> <li><b>FortiWeb</b><br/>Prevent web application attacks against critical web assets</li> <li><b>FortiADC</b><br/>Application-aware intelligence for distribution of application traffic</li> <li><b>FortiMail</b><br/>Secure mail gateway to protect against SPAM and virus attacks</li> <li><b>FortiCASB</b><br/>Prevent misconfigurations of SaaS applications and meet compliance</li> </ul> | <p><b>Zero Trust Access</b></p> <ul style="list-style-type: none"> <li><b>FortiSASE</b><br/>Enforce dynamic network access control and network segmentation</li> <li><b>ZTNA Agent</b><br/>Remote access, application access, and risk reduction</li> <li><b>FortiAuthenticator</b><br/>Identify users wherever they are and enforce strong authentication</li> <li><b>FortiToken</b><br/>One-time password application with push notification</li> <li><b>FortiClient Fabric Agent</b><br/>IPSec and SSL VPN tunnel, endpoint telemetry and more</li> <li><b>FortiConnect</b><br/>Simplified guest access, BYOD, and policy management</li> </ul> <p><b>FortiGuard Threat Intelligence</b></p> <p>Powered by FortiGuard Labs</p> | <p><b>Fabric Management Center: NOC</b></p> <ul style="list-style-type: none"> <li><b>FortiManager</b><br/>Centralized management of your Fortinet security infrastructure</li> <li><b>FortiGate Cloud</b><br/>SaaS w/ zero touch deployment, configuration, and management</li> <li><b>FortiMonitor</b><br/>Analysis tool to provide NOC and SOC monitoring capabilities</li> <li><b>FortiAIOps</b><br/>Network inspection to rapidly analyze, enable, and correlate</li> <li><b>FortiExtender Cloud</b><br/>Deploy, manage and customize LTE internet access</li> <li><b>FNDN</b><br/>Exclusive developer community for access to advanced tools &amp; scripts</li> </ul> <p><b>Open Ecosystem</b><br/>The industry's most extensive ecosystem of integrated solutions</p> <ul style="list-style-type: none"> <li><b>Fabric Connectors</b><br/>Fortinet-developed</li> <li><b>DevOp Tools &amp; Script</b><br/>Fortinet &amp; community-driven</li> <li><b>Fabric API Integration</b><br/>Partner-led</li> <li><b>Extended Ecosystem</b><br/>Threat sharing w/ tech vendors</li> </ul> | <p><b>Fabric Management Center: SOC</b></p> <ul style="list-style-type: none"> <li><b>FortiDeceptor</b><br/>Discover active attackers inside with decoy assets</li> <li><b>FortiNDR</b><br/>Accelerate mitigation of evolving threats and threat investigation</li> <li><b>FortiEDR</b><br/>Automated protection and orchestrated incident response</li> <li><b>FortiSandbox / FortiAI</b><br/>Secure virtual runtime environment to expose unknown threats</li> <li><b>FortiAnalyzer</b><br/>Correlation, reporting, and log management in Security Fabric</li> <li><b>FortiSIEM</b><br/>Integrated security, performance, and availability monitoring</li> <li><b>FortiSOAR</b><br/>Automated security operations, analytics, and response</li> </ul> | <p><b>Support &amp; Mitigation Services</b></p> <ul style="list-style-type: none"> <li><b>FortiCare Essentials*</b><br/>15% of hardware, FG-80 &amp; below</li> <li><b>FortiCare Premium*</b><br/>20% of hardware</li> <li><b>FortiCare Elite**</b><br/>25% of hardware</li> <li><b>FortiConverter</b><br/>25% of hardware</li> </ul> <p><small>* FortiCare Premium is formerly 24x7 Support. Lower support price for Switches and APs</small></p> <p><small>** Response time for High Priority tickets. Available for FortiGate, FortiManager, FortiAnalyzer, FortiSwitch, and FortiAP</small></p> |
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