

CHECKLIST

7 Ways Fortinet Helps CISOs Navigate the Rapidly Evolving Threat Landscape

Breach protection is now a board-level issue, and the CISO's job of delivering it is highstakes and very visible. Security events resulting from inadequate protection can have direct and severe impacts on the bottom line. Fortinet helps CISOs stay a step ahead of emerging threats with an integrated security architecture powered by consolidated, comprehensive threat intelligence. Integration enables transparent visibility, centralized control, and automation of security processes across the entire infrastructure.

✓ End-to-end, integrated security

The Fortinet Security Fabric integrates a broad portfolio of solutions across the entire security infrastructure to reduce complexity and provide protection against advanced and emerging threats. Full integration enables centralized visibility and control for the entire network.

✓ Broad, comprehensive security protection

Fortinet solutions help organizations fight against every element of the Cyber Kill Chain (and other similar frameworks) with multiple layers of protection. It enables artificial intelligence (AI)-based user and entity behavior analytics (UEBA) and sandbox analysis, AI-based static analysis, web-based application isolation, and deception technology to lure attackers into identifying themselves.

✓ Open ecosystem

Fighting advanced threats requires a variety of tools—and a platform that enables flexibility to integrate those tools. The Fortinet open ecosystem enables Fortinet Fabric-Ready Partners to develop integrations for their tools with the Security Fabric. For other security solutions, Fortinet provides developer scripts and tools—plus a robust representational state transfer application programming interface (REST API)—for customized integration with an organization's unique infrastructure.

✓ Automated security workflows

Advanced threats move at machine speed, meaning that manual processes cannot catch them in a timely manner. Deep integration in the Security Fabric unlocks automation across the spectrum of security processes—including security information and event management (SIEM), zero-touch deployment, network access control (NAC), and compliance tracking. Elements of the Security Fabric can also be integrated with IT management platforms like ServiceNow. As a result, manual processes can be eliminated across the team so that scarce cybersecurity talent is focused on strategic initiatives and timely response can be made to threats that move at machine speed.

✓ AI-enabled threat detection at machine speed

Timely threat intelligence is the key to thwarting attacks—especially when so many threats are zero day. FortiGuard Labs analyzes millions of files every day using AI and machine learning (ML) techniques, resulting in extremely accurate analysis of new files. As an additional layer of protection, sandbox analysis uses AI to examine unknown files before they enter the network to determine whether they are malicious, including detecting of unknown malware.

☑ Comprehensive reporting and analysis

The volume, velocity, and sophistication of threats means that CISOs need actionable information based on a full view of the organization's threat posture. The Fortinet Security Rating Service provides a snapshot of an organization's security posture, generating a score that compares it with peer organizations and industry benchmarks—in a format that can be shared with executive management and the board of directors. Reporting from FortiManager and trends analysis from FortiAnalyzer help streamline compliance reporting and assist with strategic planning.

☑ Proactive risk management

Intrusions will inevitably occur in the current advanced threat landscape. As a result, CISOs need to take a proactive, risk management-based approach to assess where to expend resources. Fortinet real-time detection and threat response shrinks the window of risk exposure, and its dynamic dashboards show how each vulnerability translates into risk

Strengthen Protection with a Comprehensive, Integrated Approach

The Fortinet Security Fabric provides comprehensive protection by integrating a broad suite of security tools and leveraging a robust threat-intelligence network that helps them stay ahead of bad actors and the malicious threats they instigate. For more information on the Fortinet Security Fabric, download a copy of the white paper, "[Fortinet Security Fabric Powers Digital Transformation: Broad, Integrated, and Automated.](#)"

