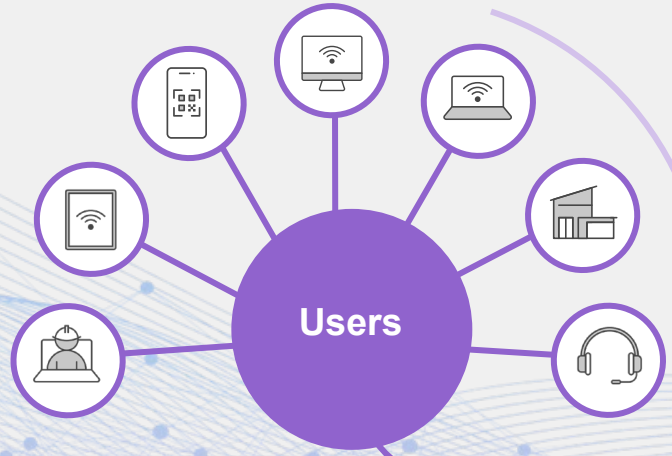
Construire des fondations de cybersécurité solides, tout en simplifiant vos opérations de Sécurité avec Fortinet.

Bechtle IT Forum | 11.06.2024 | SwissTech Convention Center

Sébastien Beal, Manager System Engineering, CISSP – Fortinet
Yoan Cousin, Advanced Team & Network Operation Team Leader, Bechtle Suisse

Traditional Networking is Built on Trusting Everyone and Connecting Everything



84%

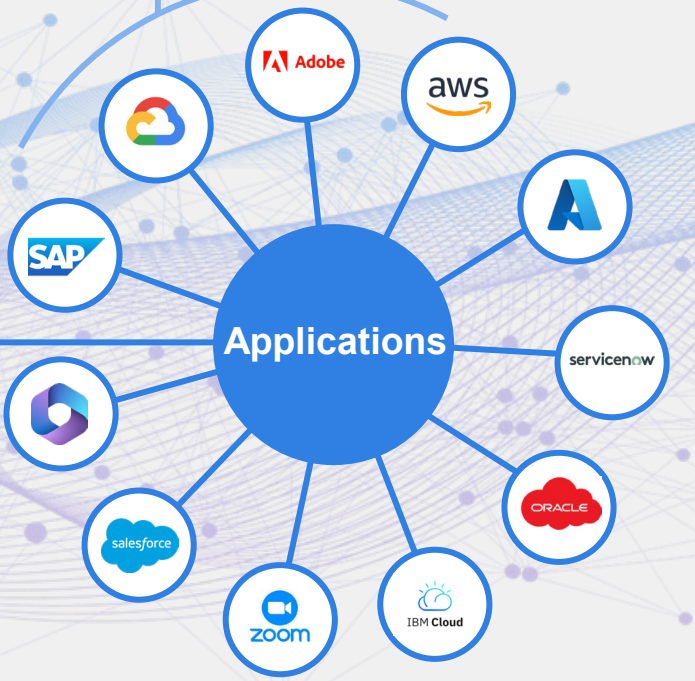
Companies are hybrid

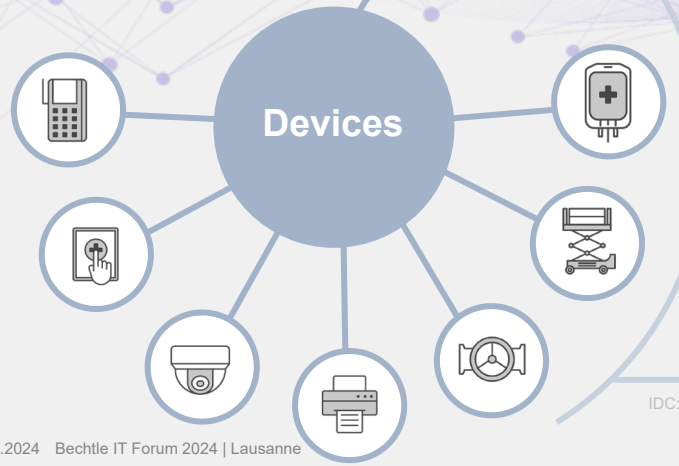
Forbes: Remote Work Statistics and Trends

125+

Distributed applications used by enterprise

2022 Gartner: Market Guide for SaaS Management Platforms





42B

IoT devices

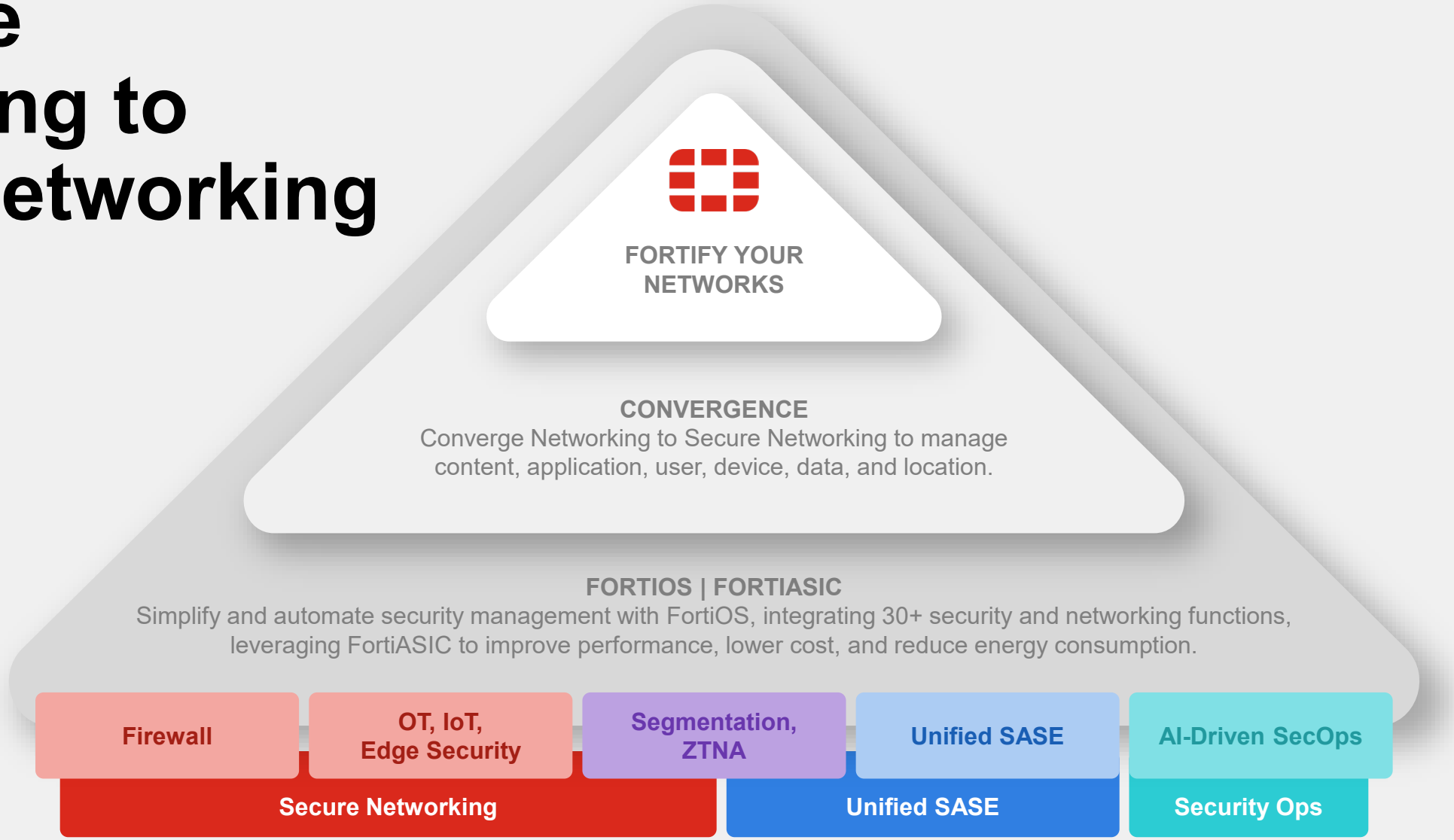
IDC: World-Wide IDC Forecast

90%

Of enterprises will have experienced a security incident related to the edge network by 2026

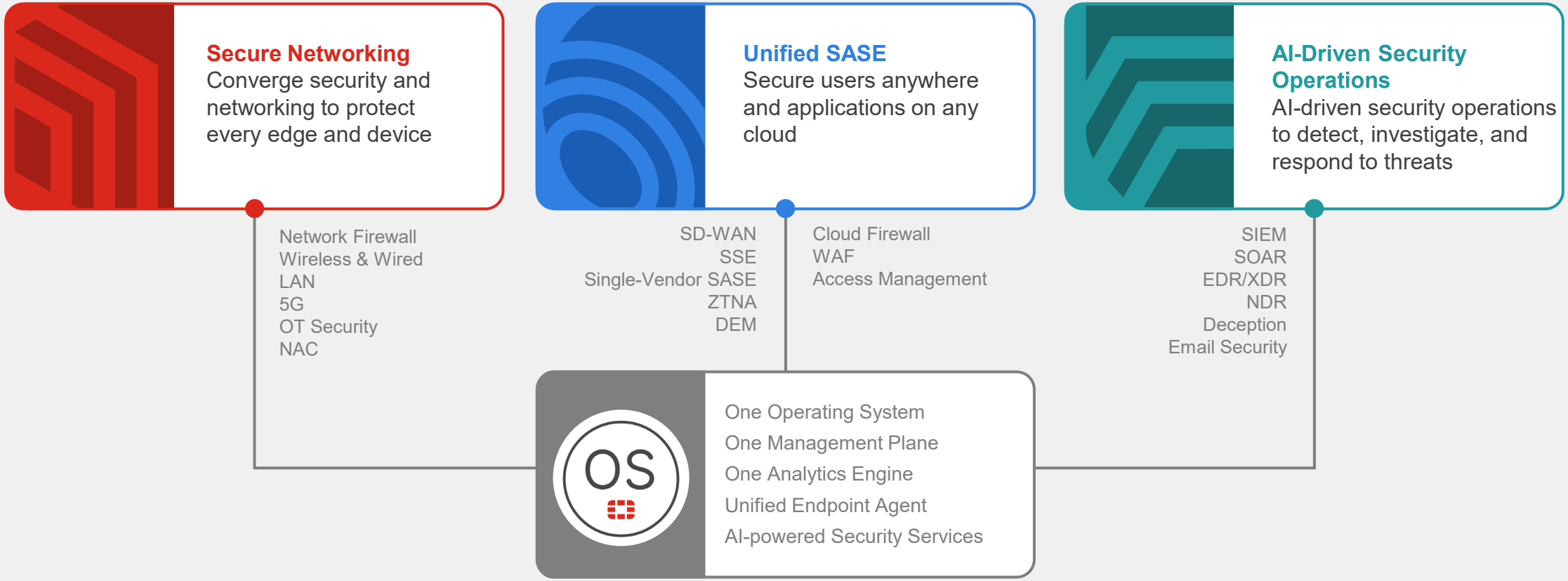
2022 Gartner: 2022 Strategic Roadmap for Edge (IoT) Networking

Converge Networking to Secure Networking



The Fortinet Security Fabric Platform

The Only Cybersecurity Platform Delivering Unprecedented Integration and Automation



The Only Cybersecurity Platform Delivering Unprecedented Integration and Automation

ONE OPERATING SYSTEM	ONE MANAGEMENT PLANE	ONE ANALYTICS ENGINE	UNIFIED ENDPOINT AGENT
FortiOS Network and Cloud Firewall, SD-WAN, Secure WLAN/LAN, Single-Vendor SASE, and SSE	**FortiManager** Unified policies for hybrid environments	**FortiAnalyzer** Data lake for security operations	**FortiClient** EPP, EDR, SASE, ZTNA

AI-POWERED SECURITY SERVICES AND TOOLS

FortiAI
Generative AI across the platform

FortiGuard Labs
AI-Driven Security Services

FortiAIOps
Self-healing networks end-to-end

Extend Protection Across the Entire Network with Unified Security

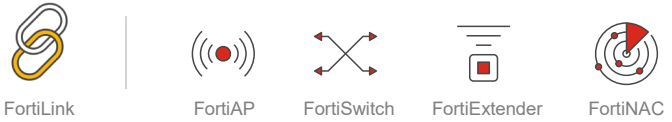
Secure Networking

Hybrid Mesh Firewall

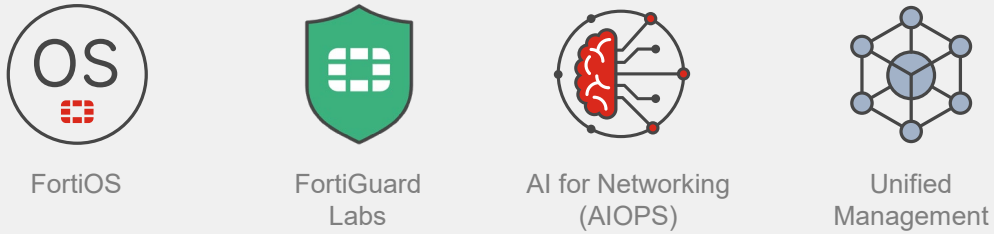
Evolution of NGFW to Hybrid Mesh Firewall for unified management that simplifies operations, reduces risk, and ensures compliance at scale

Secure Connectivity

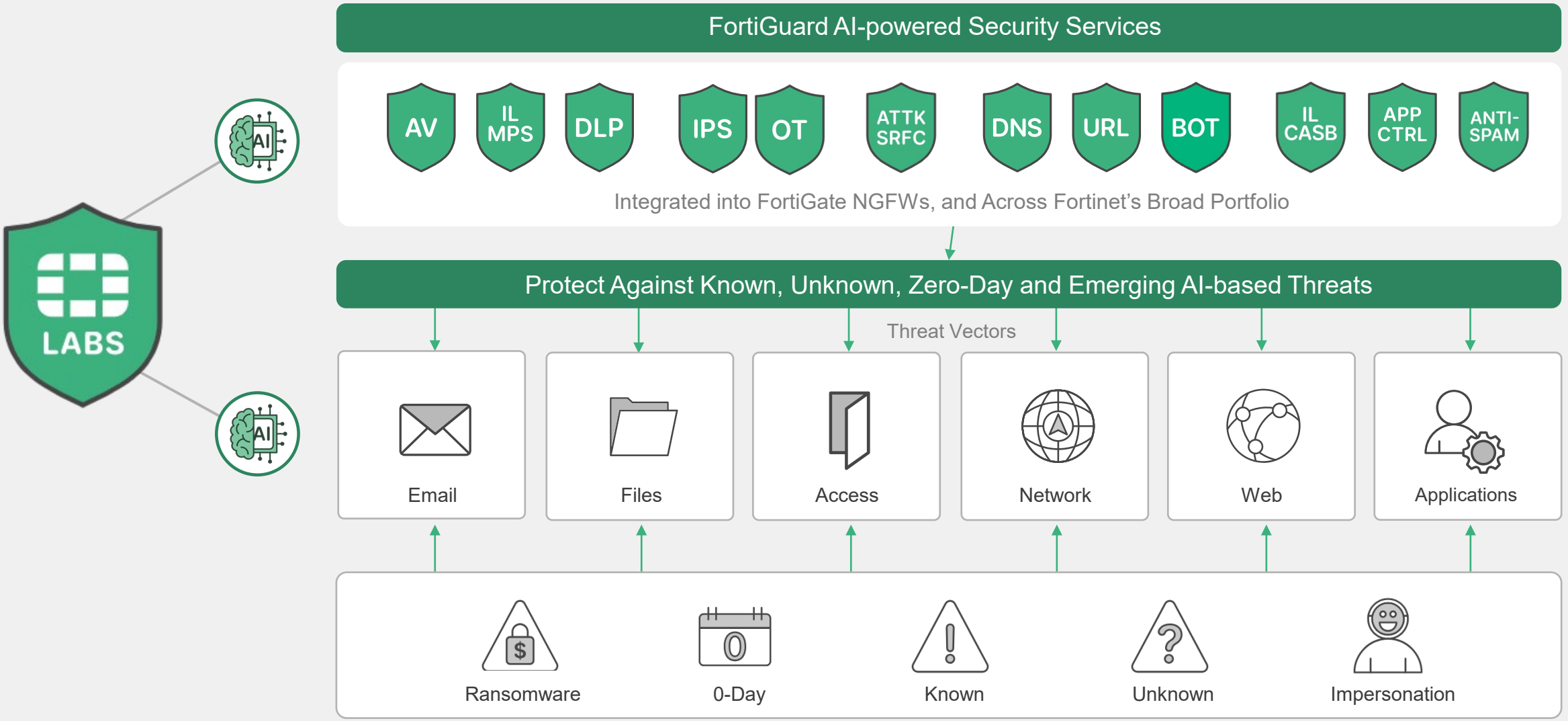
FortiLink converges networking and security for secure WLAN/LAN equipment to provide security and automation, improve visibility and control, and reduce TCO.



AI-Driven Technologies



FortiGuard AI-Powered Security Services



Firewall	OT, IoT, Edge Security	Segmentation, ZTNA	Unified SASE	AI-Driven SecOps

FORTIOS | FORTIASIC

Simplify and automate security management with FortiOS, integrating 30+ security and networking functions, leveraging FortiASIC to improve performance, lower cost, and reduce energy consumption.

CONVERGENCE

Converge Networking to Secure Networking to manage content, application, user, device, data, and location.

FORTIFY YOUR NETWORKS

Integrated Solutions that Solve Customer Problems

Technology Advancements Enable Refresh and Replace Opportunities

Better Performance

Security Compute Rating

7x *better than the competition*

201G Security Compute Rating

Better Efficiency

Security Compute Rating - Energy

29x *better than the competition*

90G Security Compute Rating

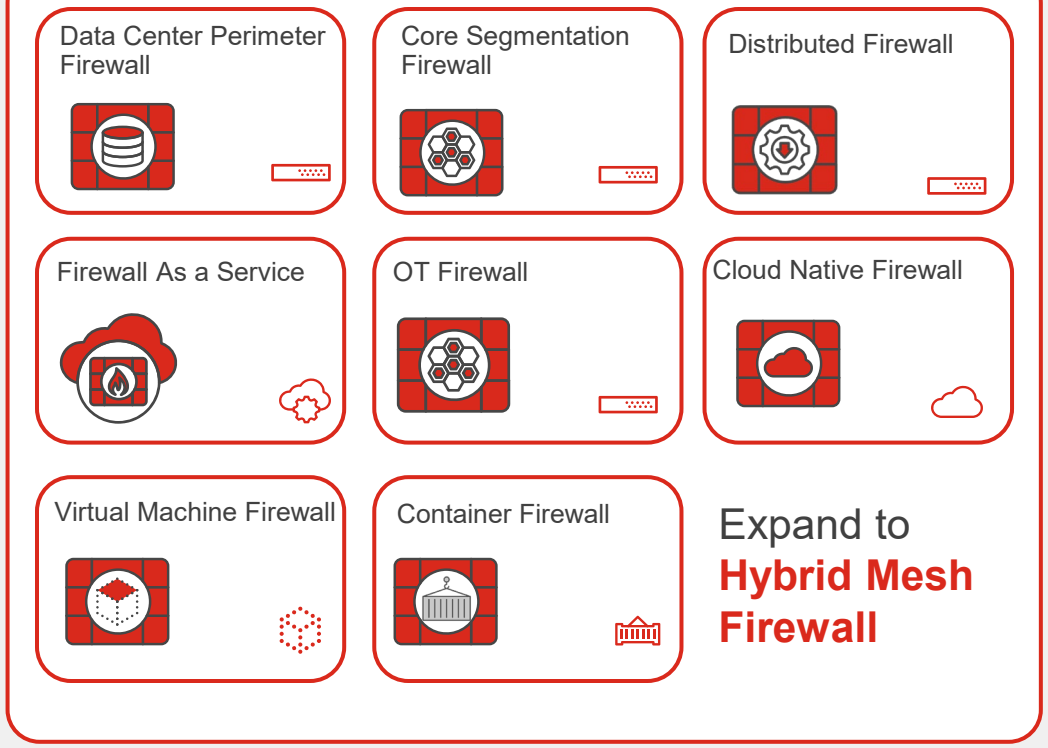
Better Security

FortiGuard Labs

99.88% *security effectiveness*

***Competitors**: <80% security effectiveness*

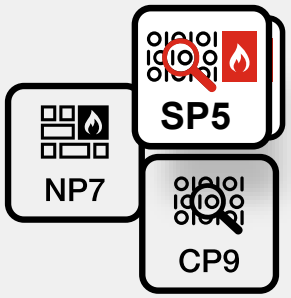
CyberRatings.org Security Effectiveness Report

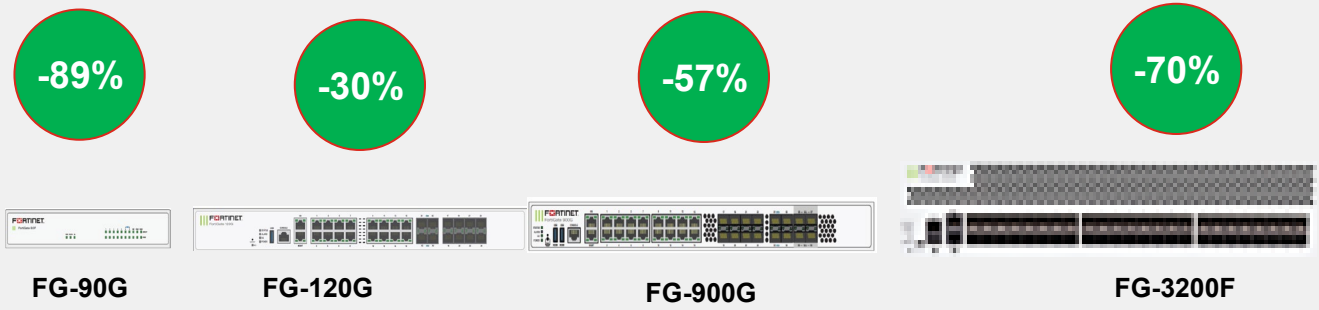


2023 Reduced 62% Power Consumption for a Cleaner Future

Continuous Improvement on Energy Consumption Across FortiGate Series Generations

Advanced Threat Protection with Energy Saving





Key Benefits

Environment Friendly

Cleaner future with most efficient energy consumption

FG Models (Series F vs E) 2022	% saving Power Consumption	% saving Heat Dissipation
FortiGate-90G	-89%	-87%
FortiGate-120G	-30%	-29%
FortiGate-900G	-57%	-57%
FortiGate-3200F	-70%	-70%
Average	-62%	-61%

- *Improvements in maximum power consumption use in top 4 products sold (FortiGate G/F Series versus FortiGate E/D Series) in 2023.*

FortiAnalyzer Benefits

Centralized, Automated & Augmented

Quick Start Your SecOps

Keep pace with attackers by simplifying & amplifying security operations without adding complexity

Increase Operational Effectiveness

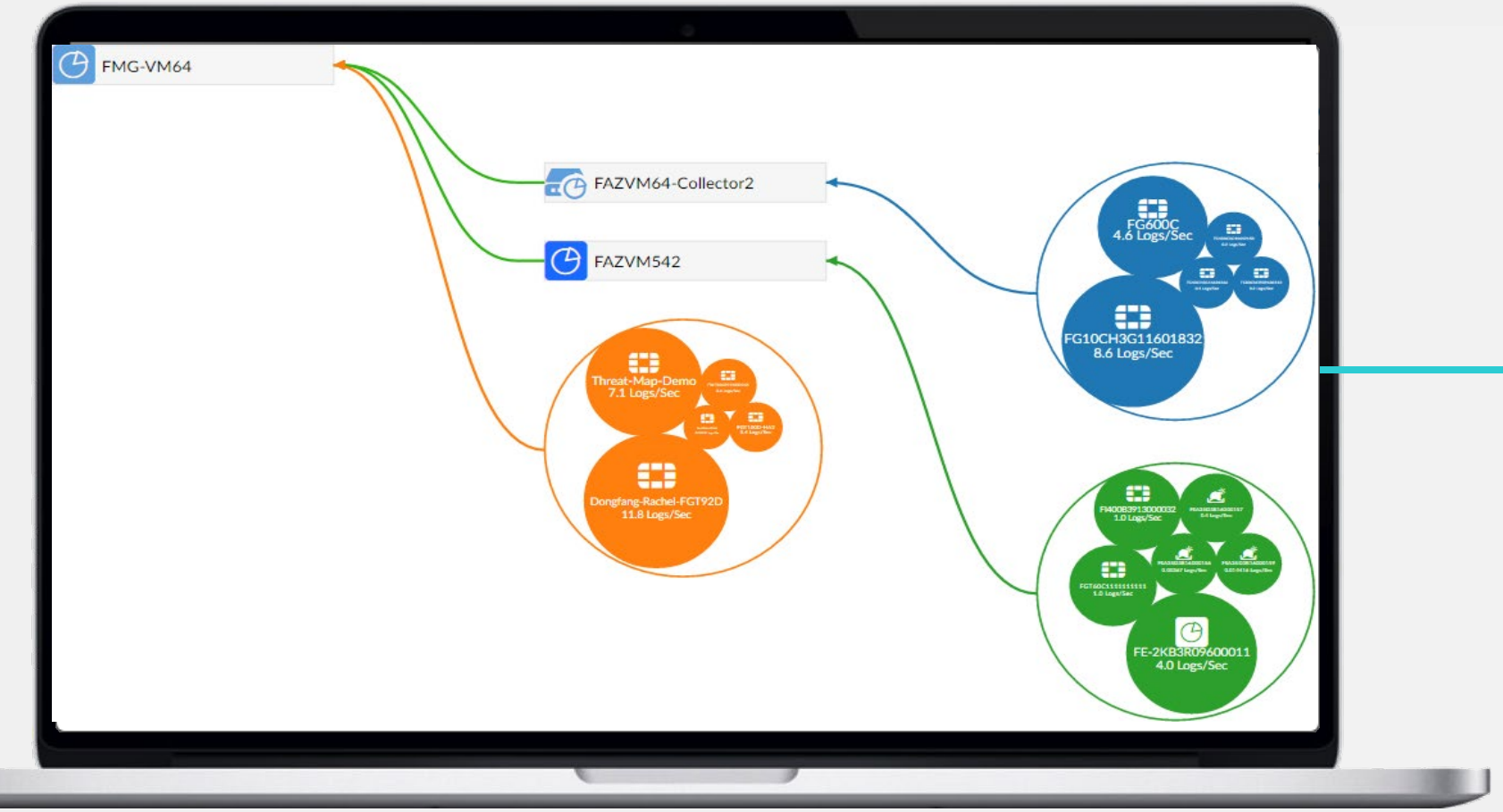
Manage risks efficiently while maintaining agility and responsiveness

Strengthen Security Posture

Constrict the threat actors window of opportunities with layers of centralized Automation & Augmentation

What Centralized Analytics, Automation, & AI looks like

Single Pane for Visibility

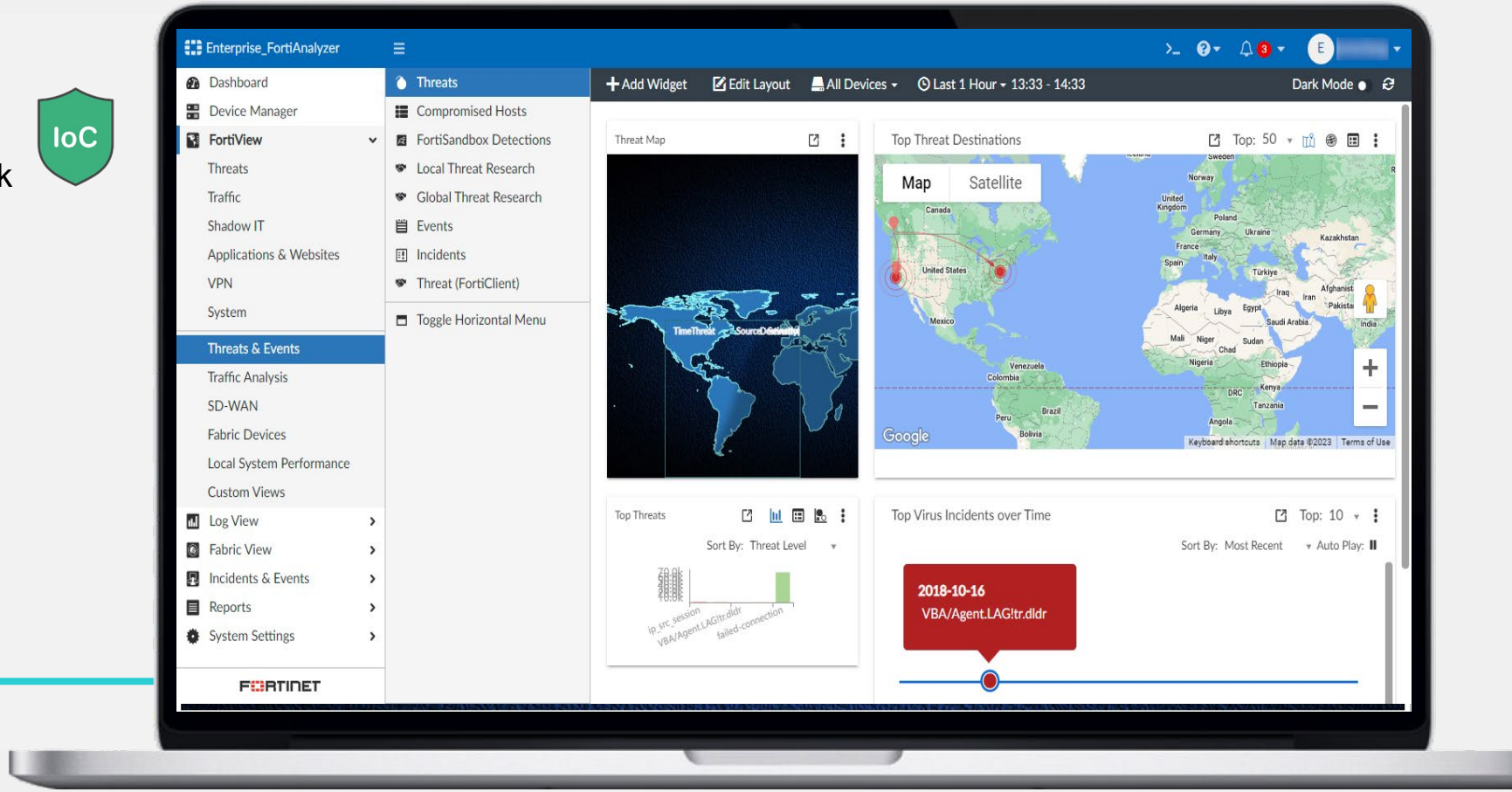


Topology of the Fortinet security fabric from a single console

FortiAnalyzer Threat Monitoring with FortiGuard Indicators of Compromise

Benefit from intuitive monitoring & detection of compromised hosts with real-time context of network activity, risks, vulnerabilities, attack attempts, and ***FortiGuard indicators of compromise (IOC)**

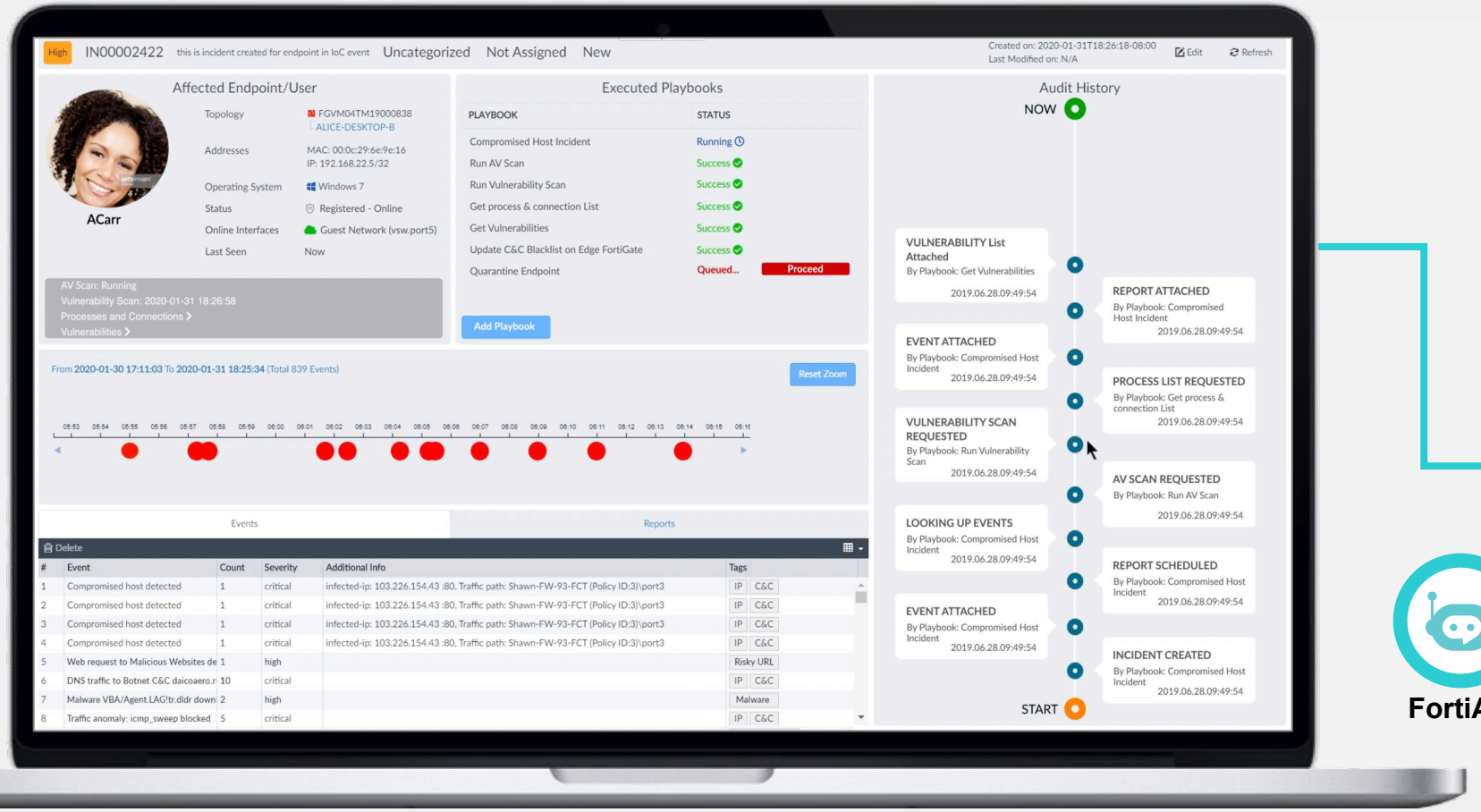
- IOC Threat scoring & prioritization
- Drill down threat visualizations
- Real-time & historic IOC rescans
- Automatic FortiGate response actions on FortiAnalyzer threat detections



[Search the latest FortiGuard Labs IOCs]

*FortiGuard IOC for FortiAnalyzer appliances requires Hardware Enterprise Protection or al la carte SKUs

Event & Incident Management



Streamlined lifecycle management with incidents automatically showing affected assets, endpoints, users, and timelines, simplifying complex investigations

- Easily investigate suspicious traffic patterns and employ filters in predefined or custom event handler

FortiAI

"Analyze this incident and tell me what action to take"

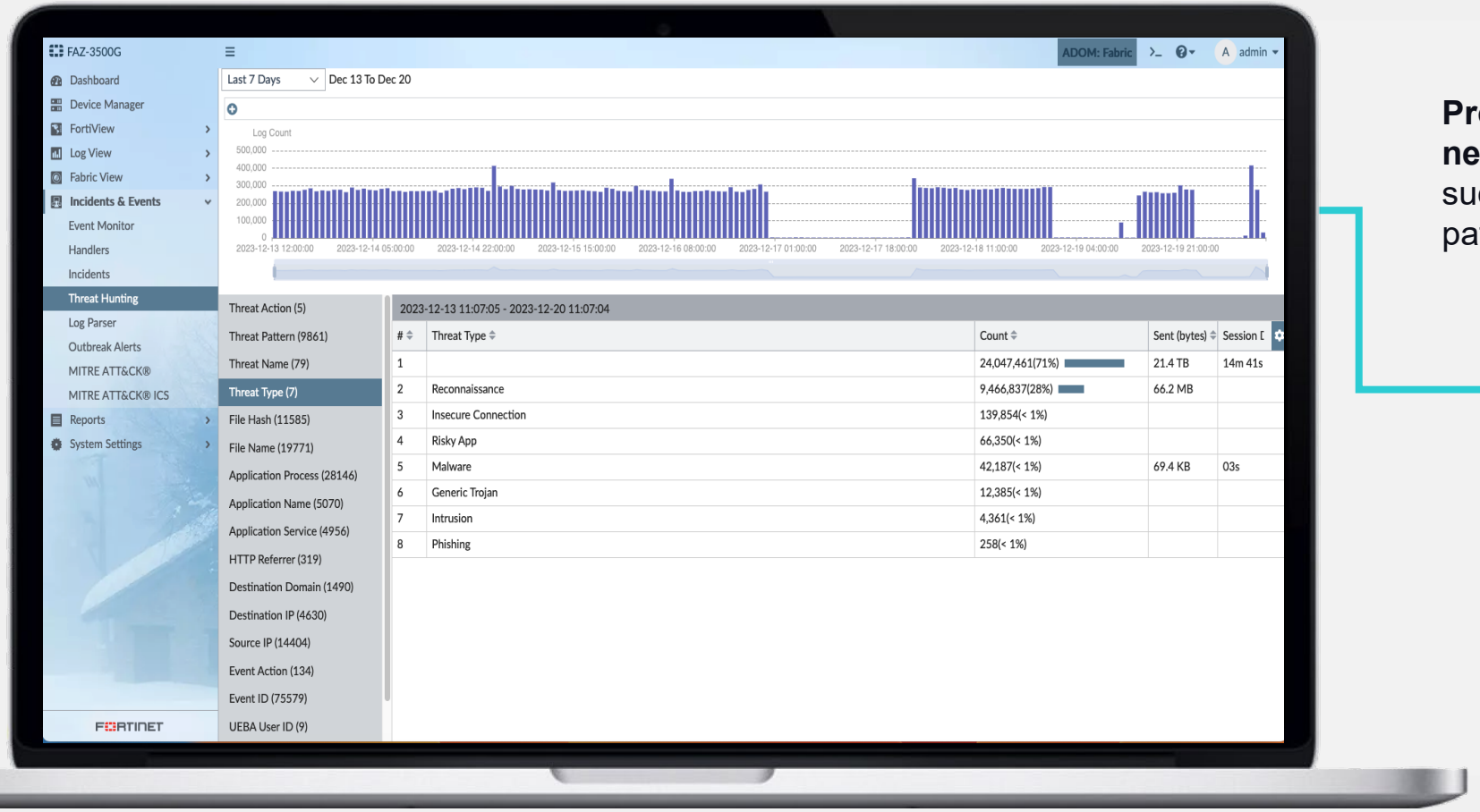
FortiGuard Outbreak Detection Baked-in FortiAnalyzer

Integrated in the user experience, **FortiGuard Labs *Outbreak detection** automatically alerts & downloads content packages for the latest malware detection, offering summaries and kill chain mapping.

- Filter & group alerts by date or severity
- FortiGuard Outbreak Detection content packs with event handlers, correlation rules, & reports
- Mapped to MITRE ATT&CK® Domain & ID

*FortiGuard Outbreak Detection & IOC for FortiAnalyzer appliances requires Hardware Enterprise Protection or al la carte SKUs – view the latest content packs

Become the Hunter with Analysis & SIEM Correlation

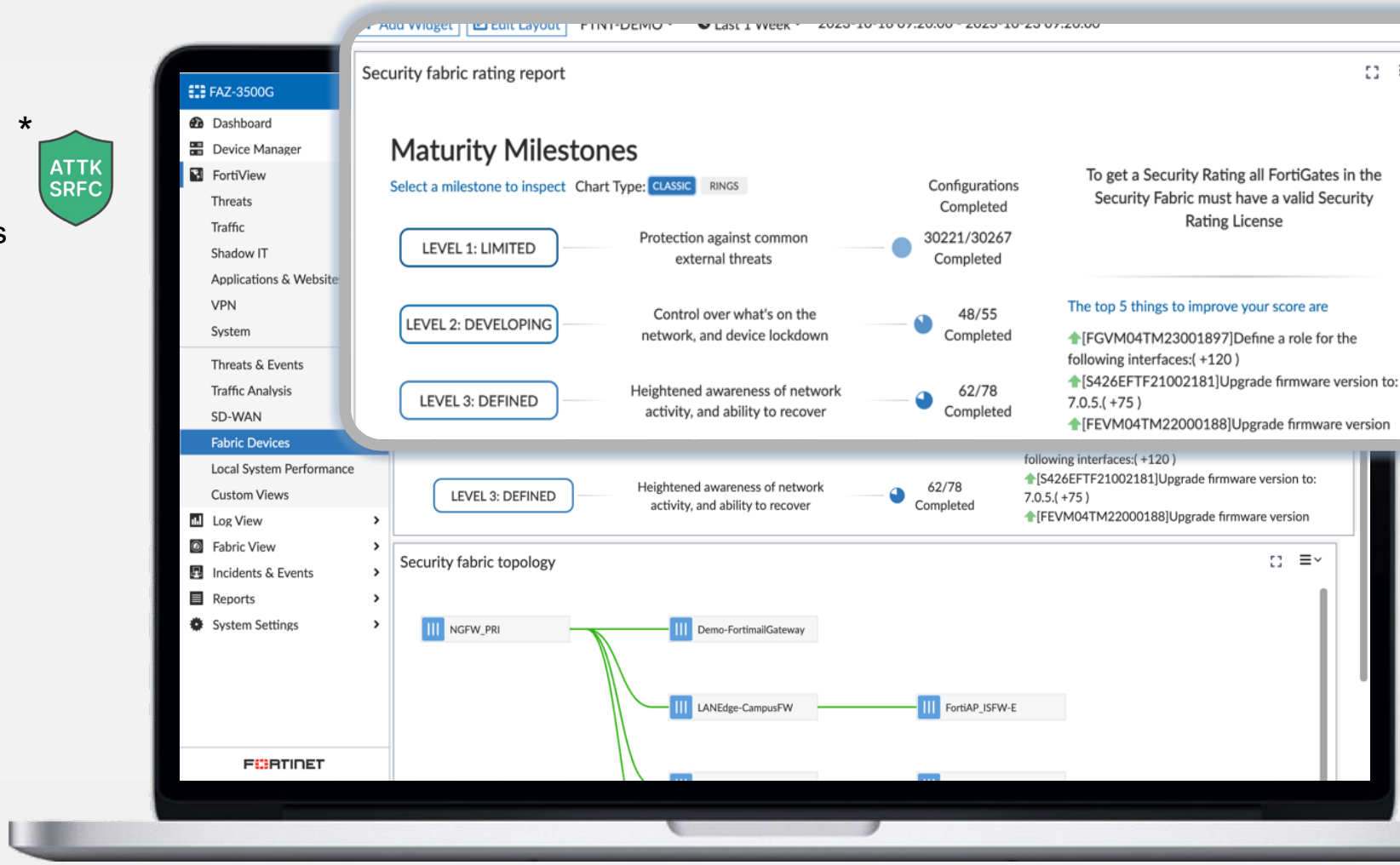


Proactively search for hidden threats within your network and unearth subtle signs of compromise, such as unusual endpoint behavior or network patterns indicative of an advanced persistent threat

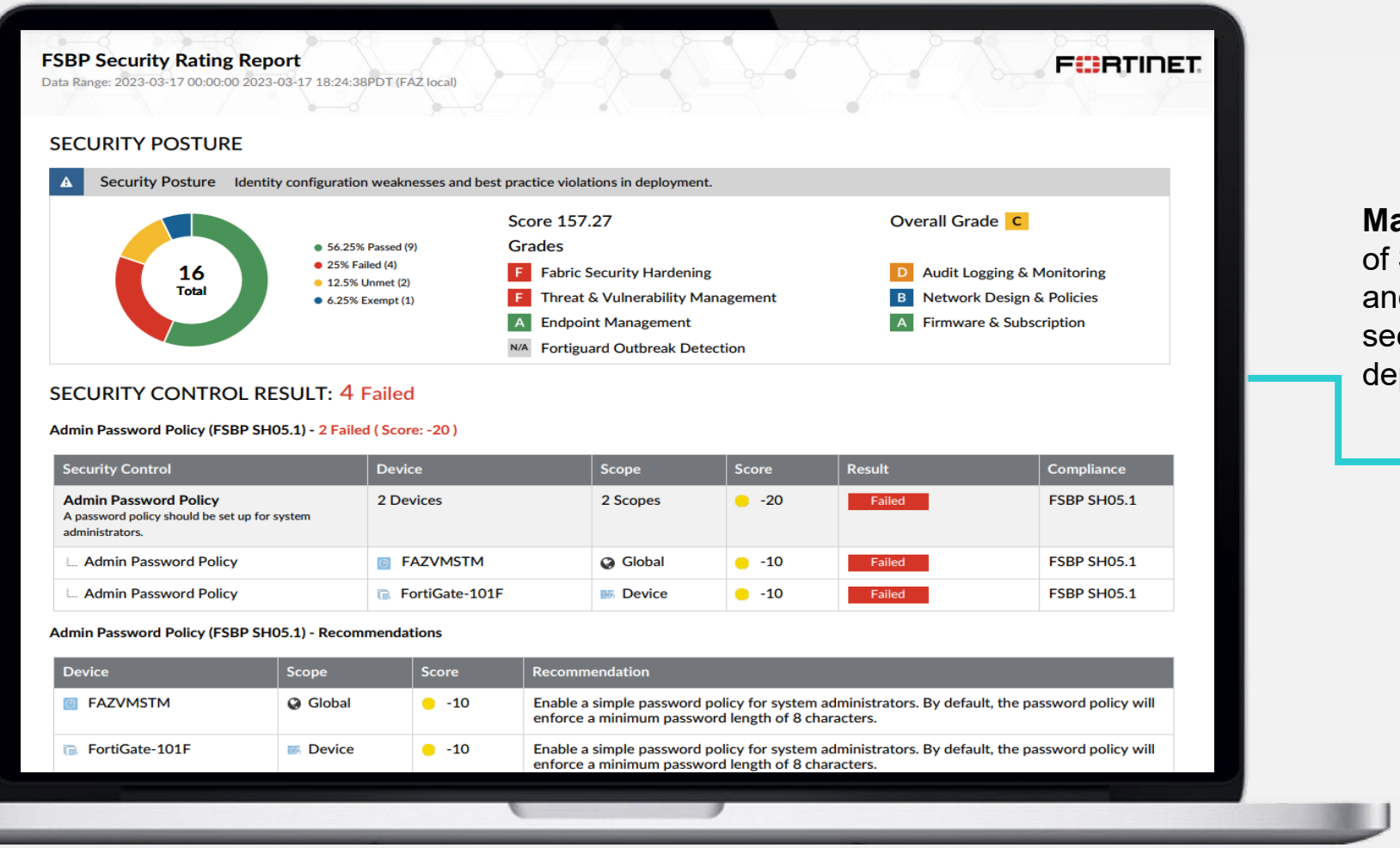
FortiAnalyzer Attack Surface Security Rating & Compliance

Continuously assess your security posture, including unpatched vulnerabilities & critical security settings. Benefit from real-time monitoring & analysis of your Security Fabric deployment with scores for posture, Fabric coverage, and optimization.

- Attack surface visualization
- Security Rating & best practice recommendations
- Industry specific compliance reporting
- Historical trend analysis



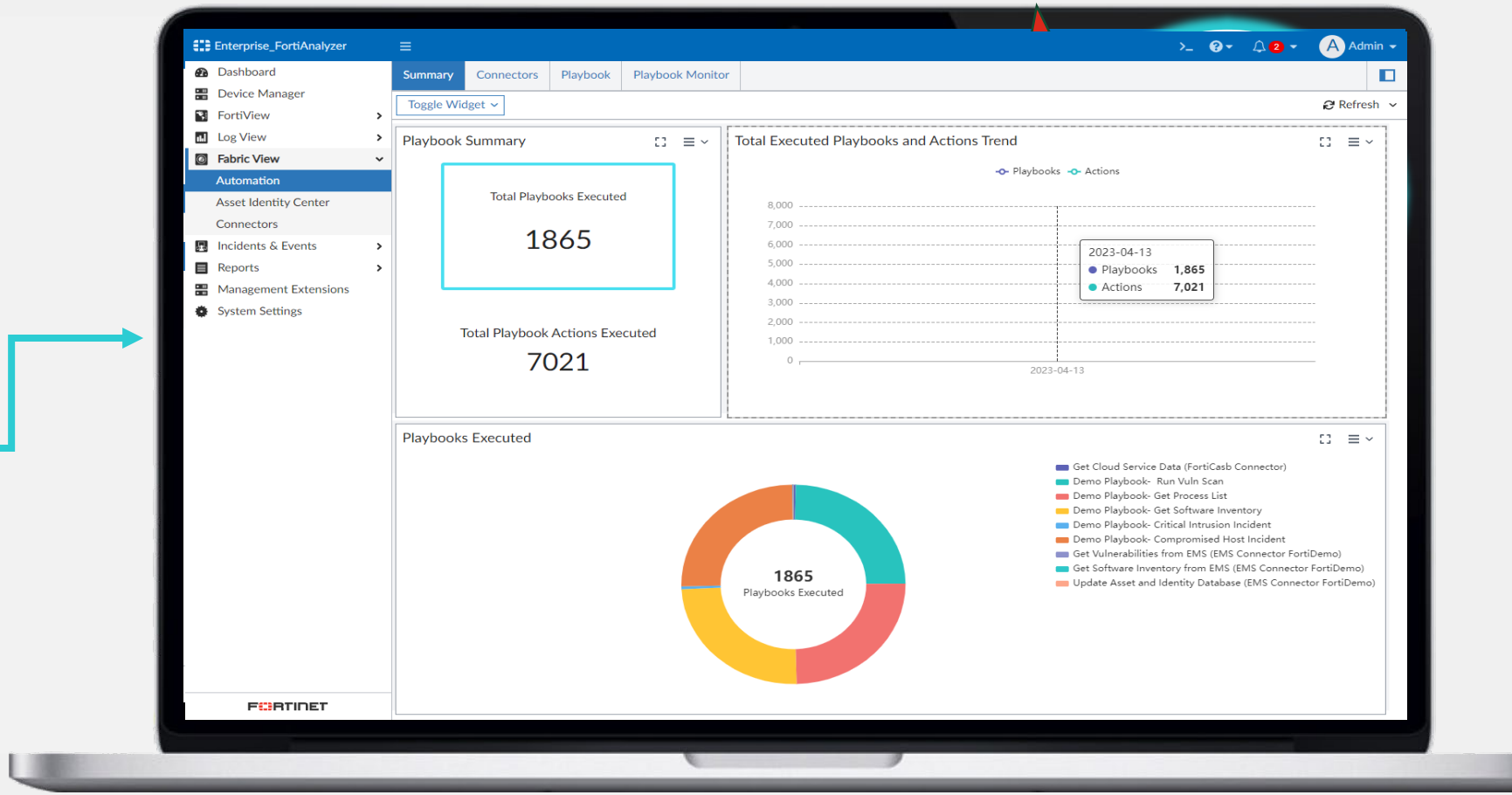
Maximize Your Investments with Best Practice Reporting



Maximize the deployed FortiGates in terms of Security Posture, Fabric Coverage, and Optimization. This report consolidates security ratings performed on fabric deployments.

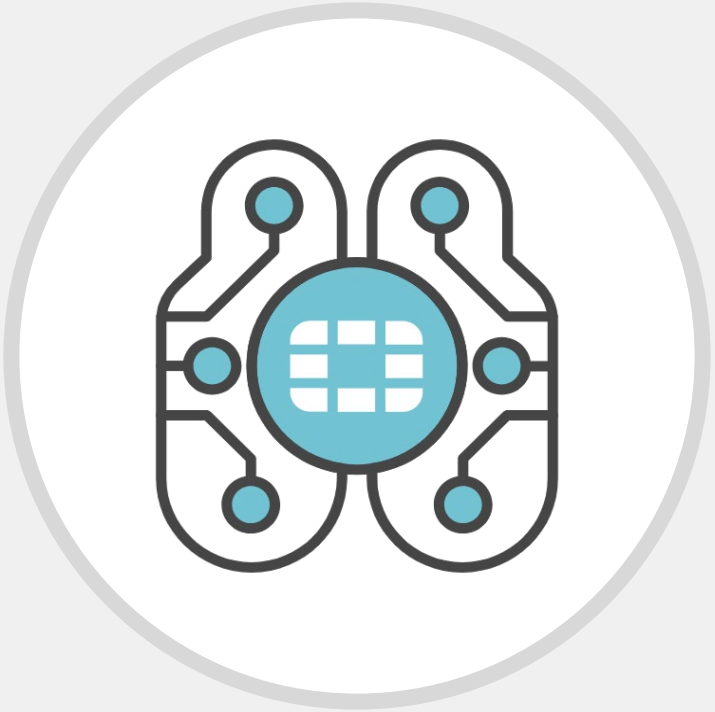
Connect, Automate, & Optimize

Speed incident analysis and response with one-click config connectors, continuously updated playbook templates, and countless event handlers



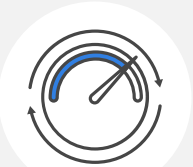
Unify Management & Response with an AI Advantage

Analytics-powered log management for the Security Fabric



Detect in Minutes Not Days

Streamline, Reduce Your Workload



Eliminate Blind spots

Scale When You're Ready

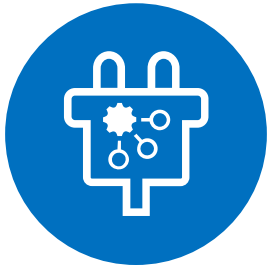
Do More with Less

Visibility

Single Pane of Glass

Save time from having to access each system

Better Security



Automation

Move away from whitelisting

Detect Anomalies

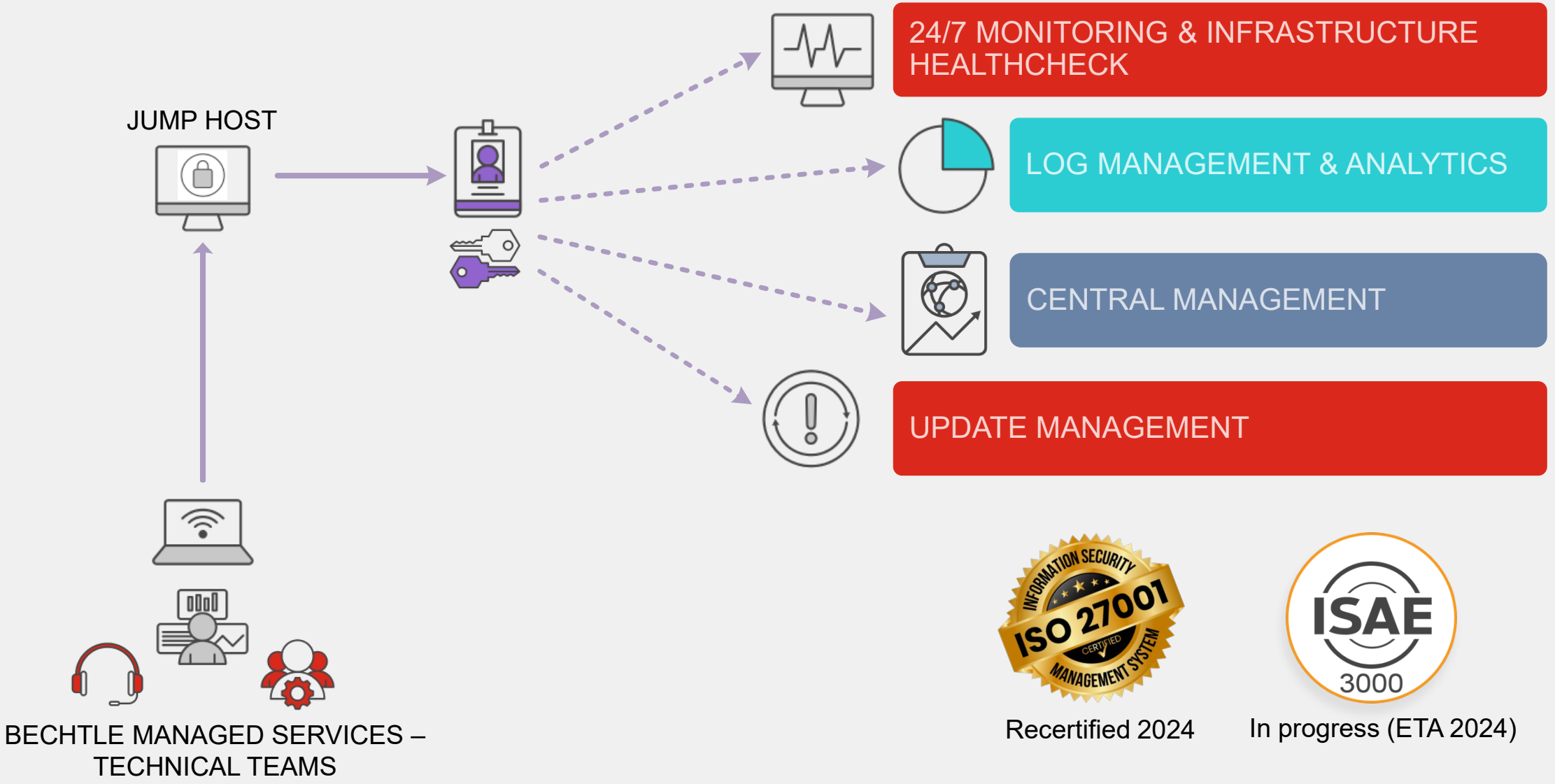
Compliance

Auditable

An audit heavy environment, made easy

What Bechtle Security Managed Services looks like

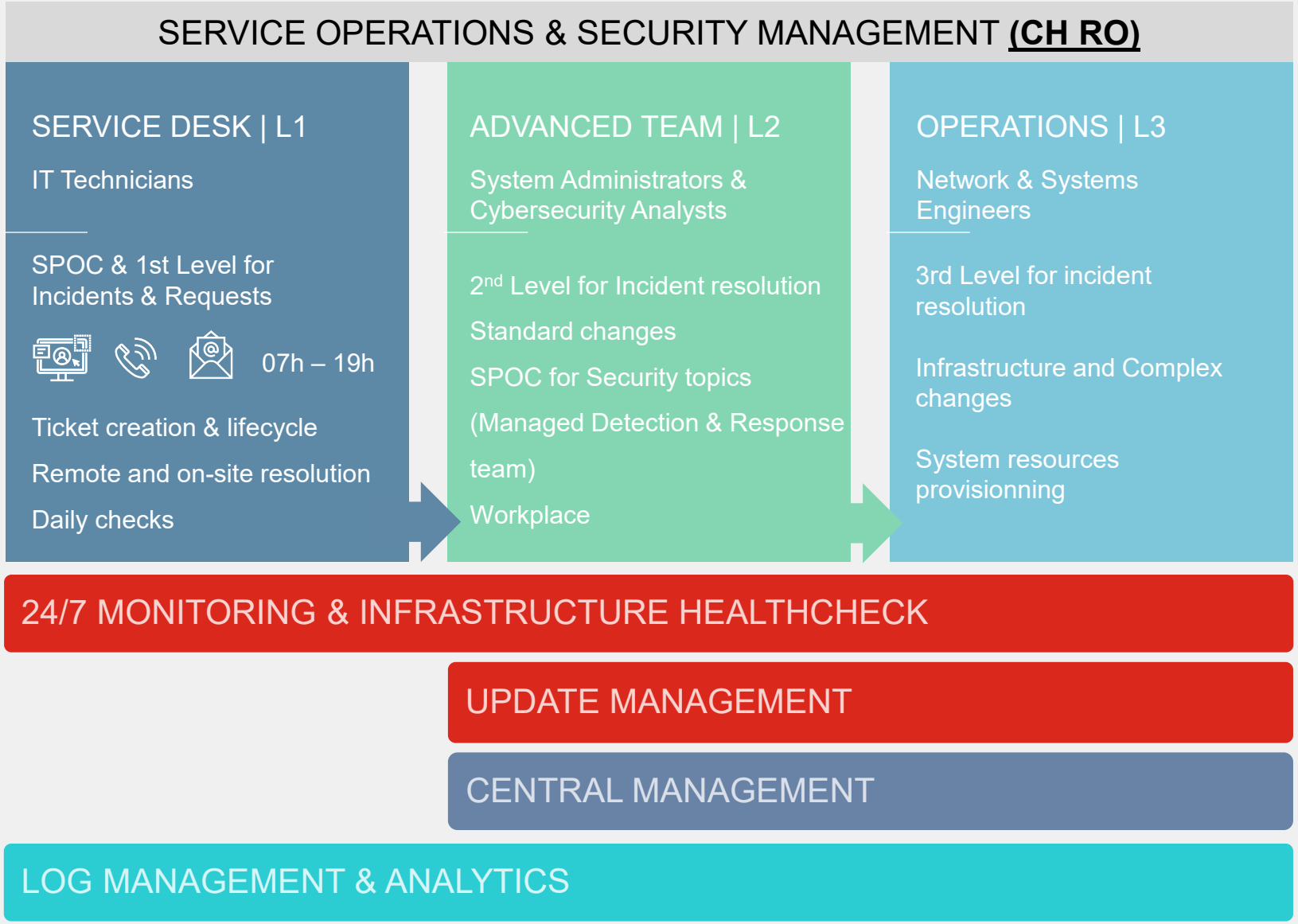
What about Bechtle Managed Services ?



Recertified 2024

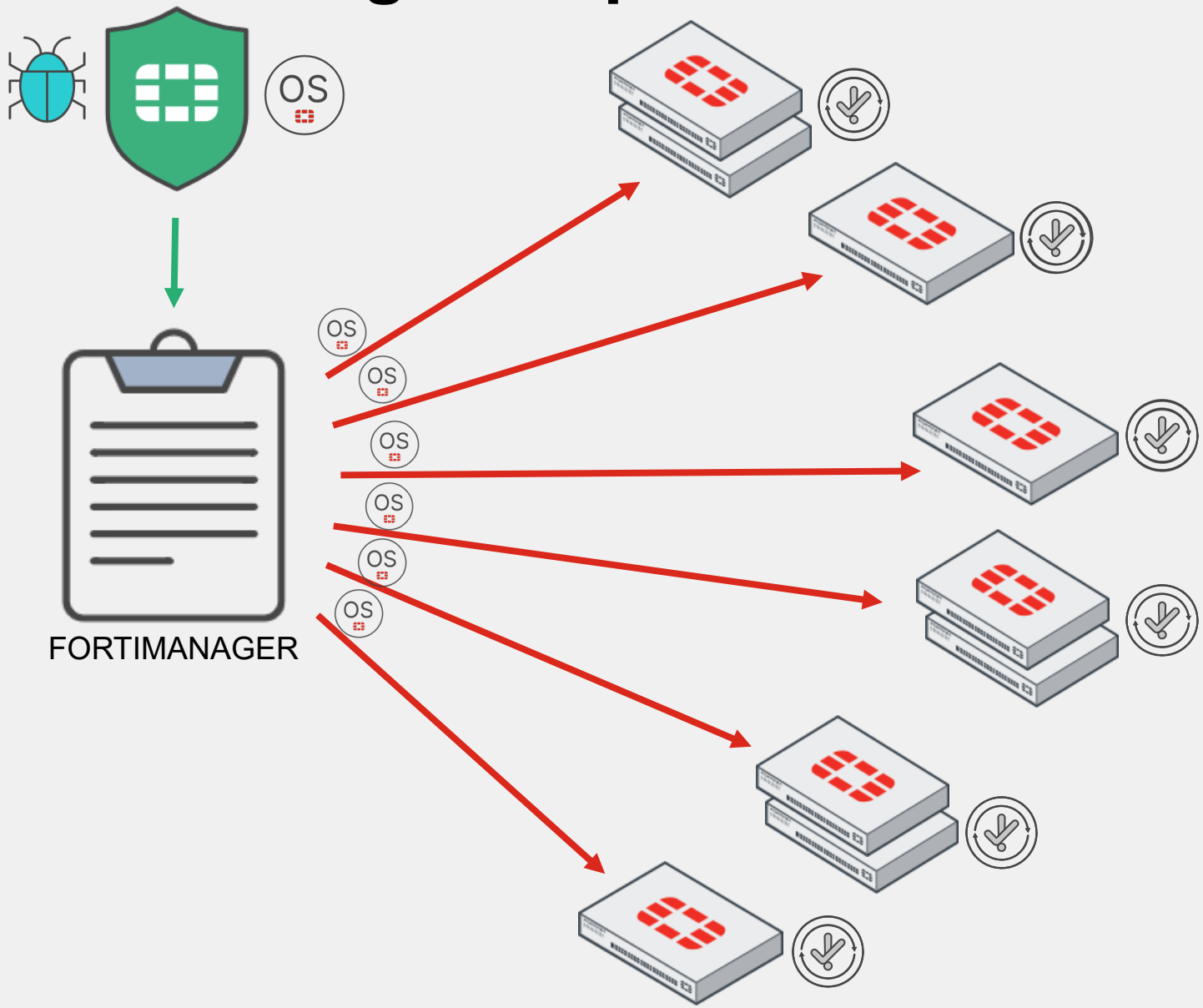
In progress (ETA 2024)

What about Bechtle Managed Services ?



How Fortinet helps Bechtle in operations simplification

FortiManager – Update and Secure



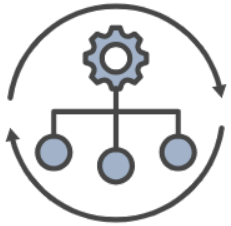
REDUCE
SECURITY RISK

OPERATIONS
OPTIMIZATION

REACTIVITY
IMPROVMENT

FortiManager – Orchestrate & Standardize

Orchestration



Security Baseline

Deploy in a large scale Bechtle Managed Services integrations & Security baselines and improve them simply

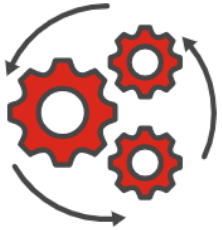
More efficient

… and more secure

Devices updated regularly & 0-Day breaches patched more quickly

Safe update & rollback process

Standardization



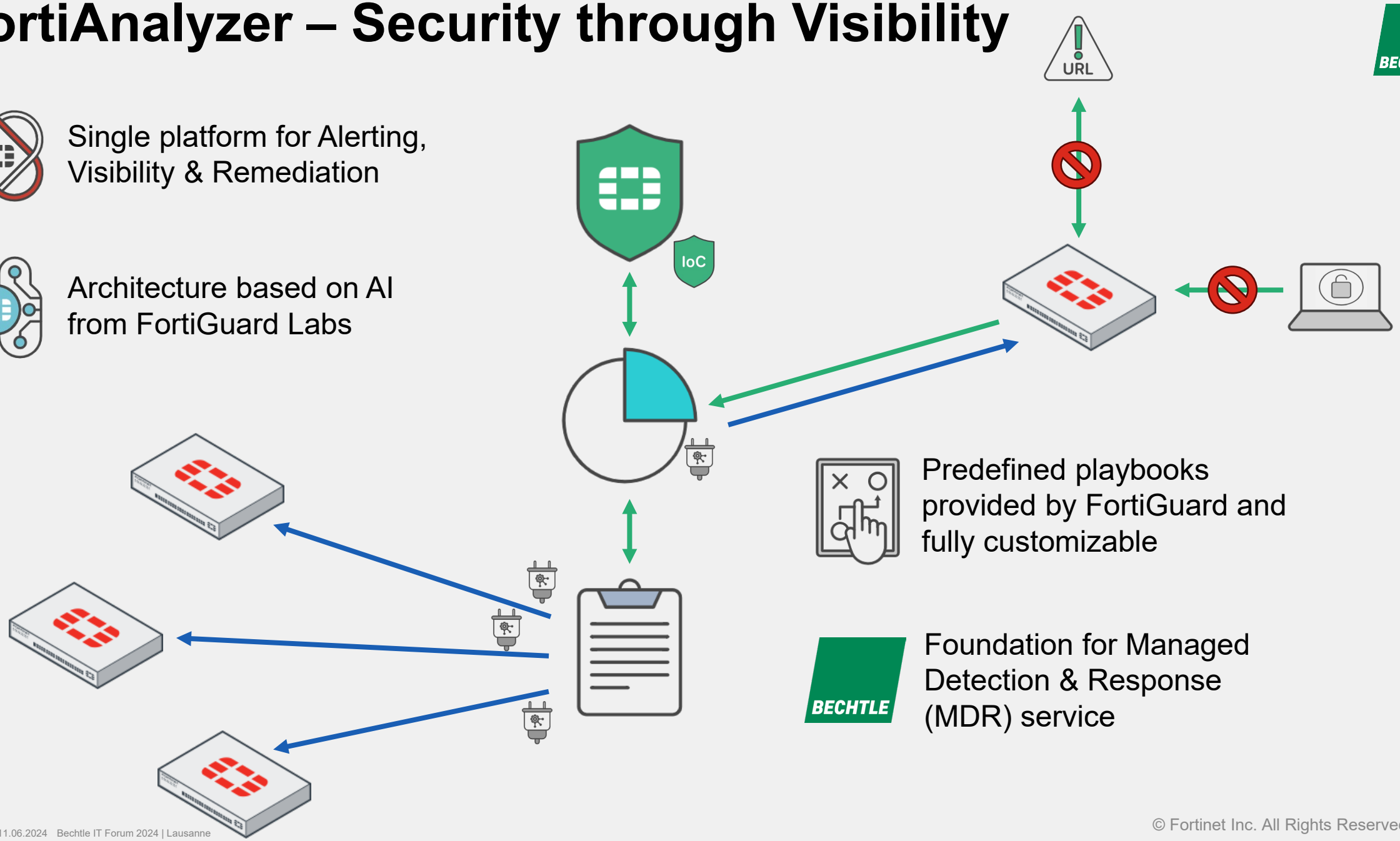
… and simplification

Help technical teams in their day-to-day operations and understanding to identify anomalies easily

FortiAnalyzer – Security through Visibility

Single platform for Alerting, Visibility & Remediation

Architecture based on AI from FortiGuard Labs



Predefined playbooks provided by FortiGuard and fully customizable

Foundation for Managed Detection & Response (MDR) service

Merci!

Des questions? Contactez-nous: it-forum.ch@bechtle.com