



Kybernetická bezpečnosť, hrozby a ohrozenia v digitálnom svete

Efektívna obrana proti kybernetickým útokom s Fortinet Security Fabric

Peter Kocik, System Engineering Team Leader, CEE

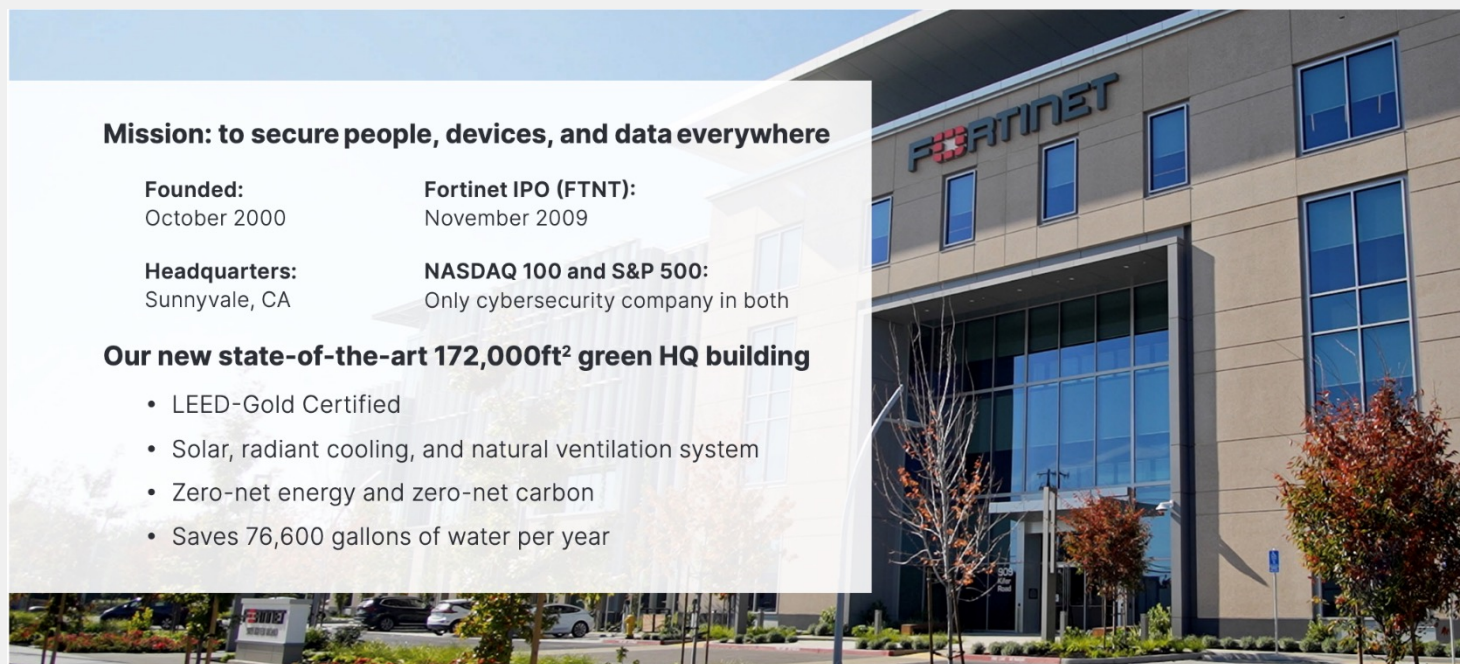
Marec 2022

The logo for efocus.sk, with "efocus" in blue and ".sk" in orange, set against a white background.

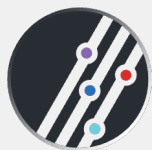
efocus.sk

Fortinet – Vytvorenie digitálneho sveta, ktorému môžete vždy dôverovať

Fortinet je už viac ako 20 rokov hybnou silou vývoja kybernetickej bezpečnosti a konvergenzie sietí s bezpečnosťou. Naše riešenia zabezpečenia siete sú najpoužívanejšie, najviac patentované a patria medzi najviac overené v tomto odvetví. Naše široké, doplnkové portfólio riešení kybernetickej bezpečnosti je od základov budované s ohľadom na integráciu a automatizáciu, čo umožňuje efektívnejšie, ochranné operácie a rýchlu reakciu na známe aj neznáme hrozby.



Key Fortinet Advantages



Security Fabric
Organically developed, highly integrated and automated cybersecurity platform



Security Processors
Superior NGFW and SD-WAN performance and efficiency



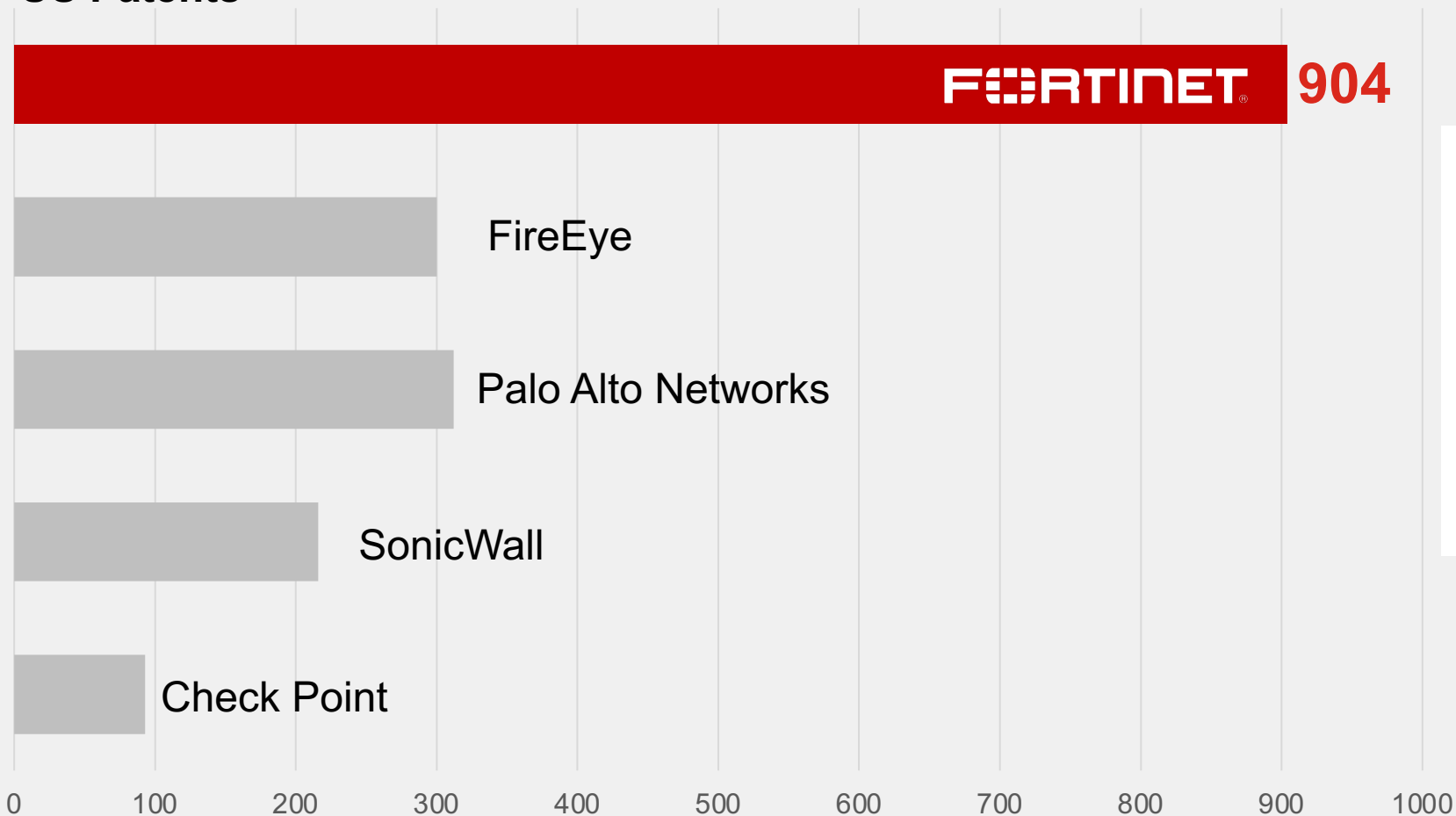
The only company to excel at all key stages of network security



Vedúce postavenie v oblasti technológií - Inovácie

Takmer 3× viac patentov ako porovnateľné spoločnosti v oblasti sieťovej bezpečnosti

US Patents



Source US Patent Office, As of Dec. 31, 2021

904 U.S. Patents

351 International Patents

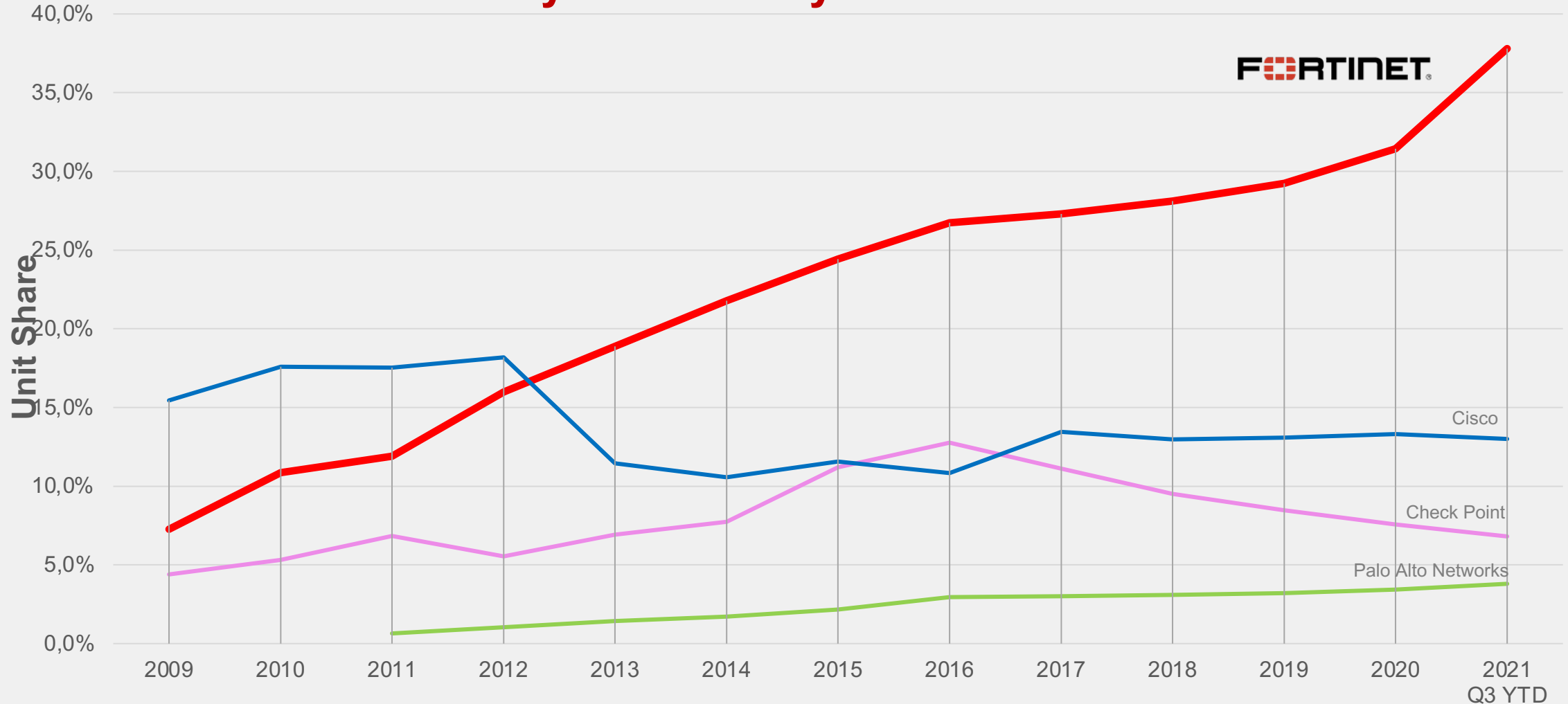
1255 Global Patents

254 Pending Patents



Fortinet - #1 Najrozšírenejšie riešenie zabezpečenia siete

Teraz viac ako tretina všetkých nasadených zariadení

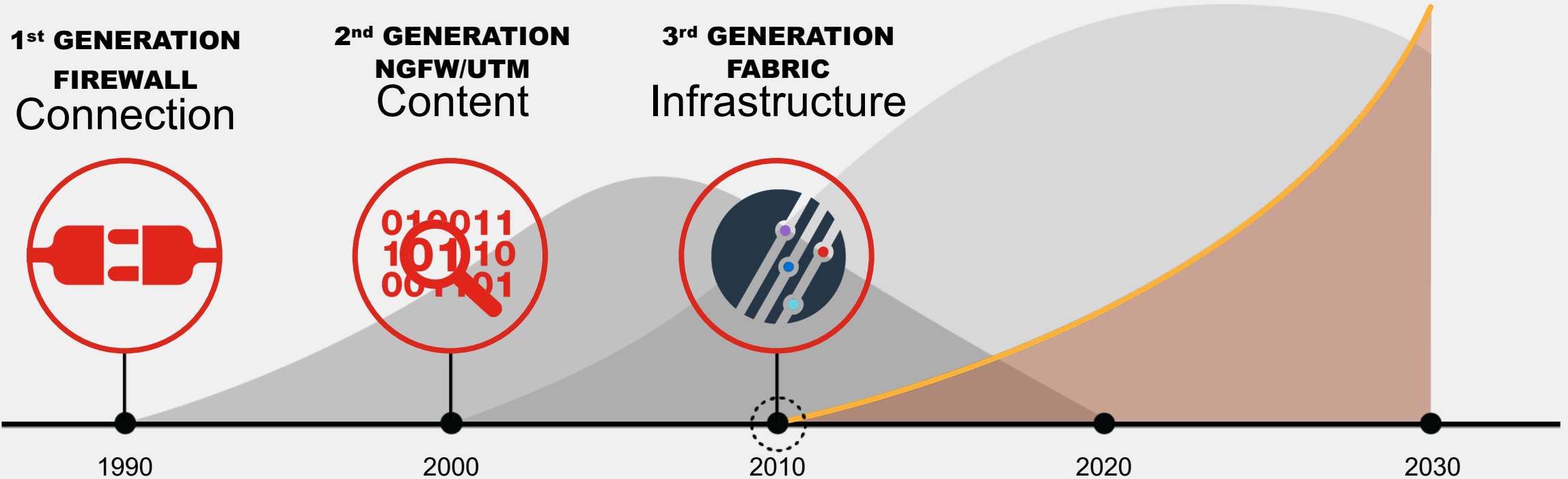


Source: IDC Worldwide Security Appliance Tracker, February 2022 (based on unit shipments of Firewall, UTM, and VPN appliances)



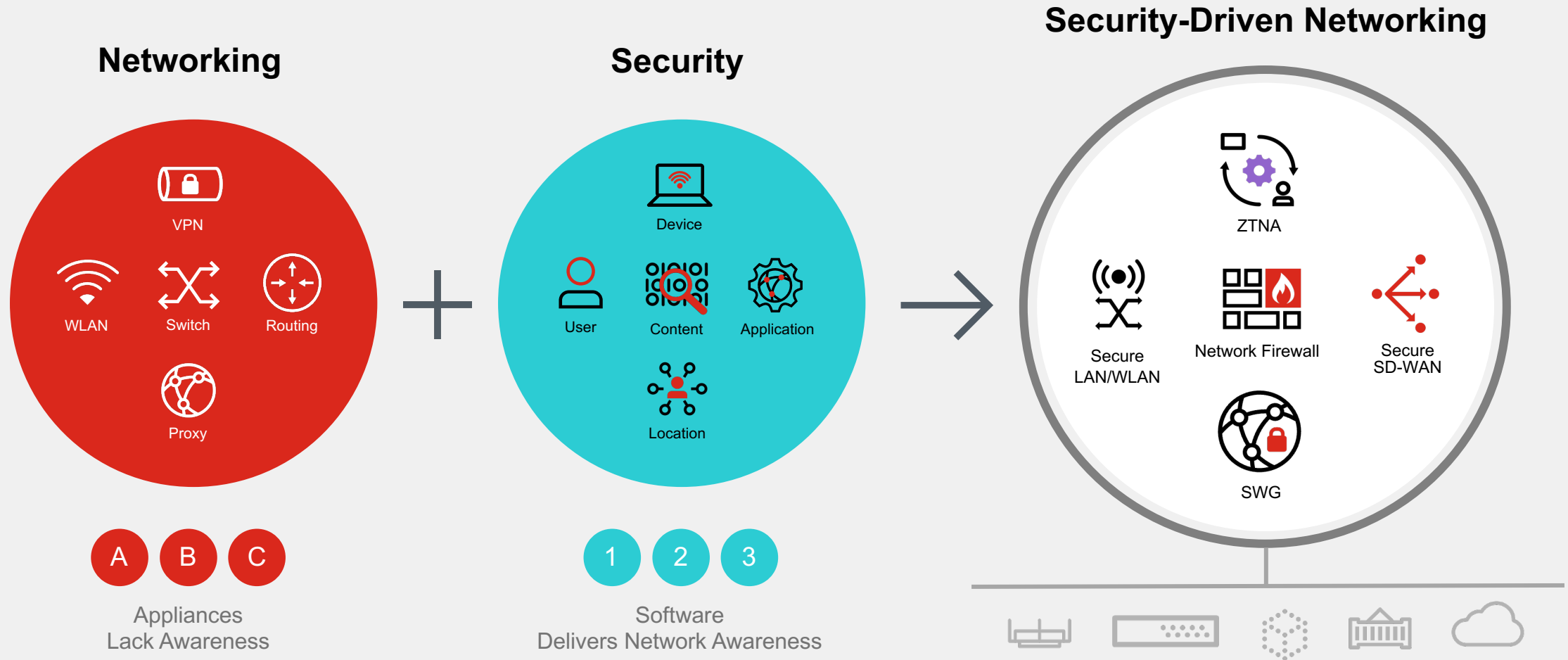
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Evolúcia Siet'ovej Bezpečnosti

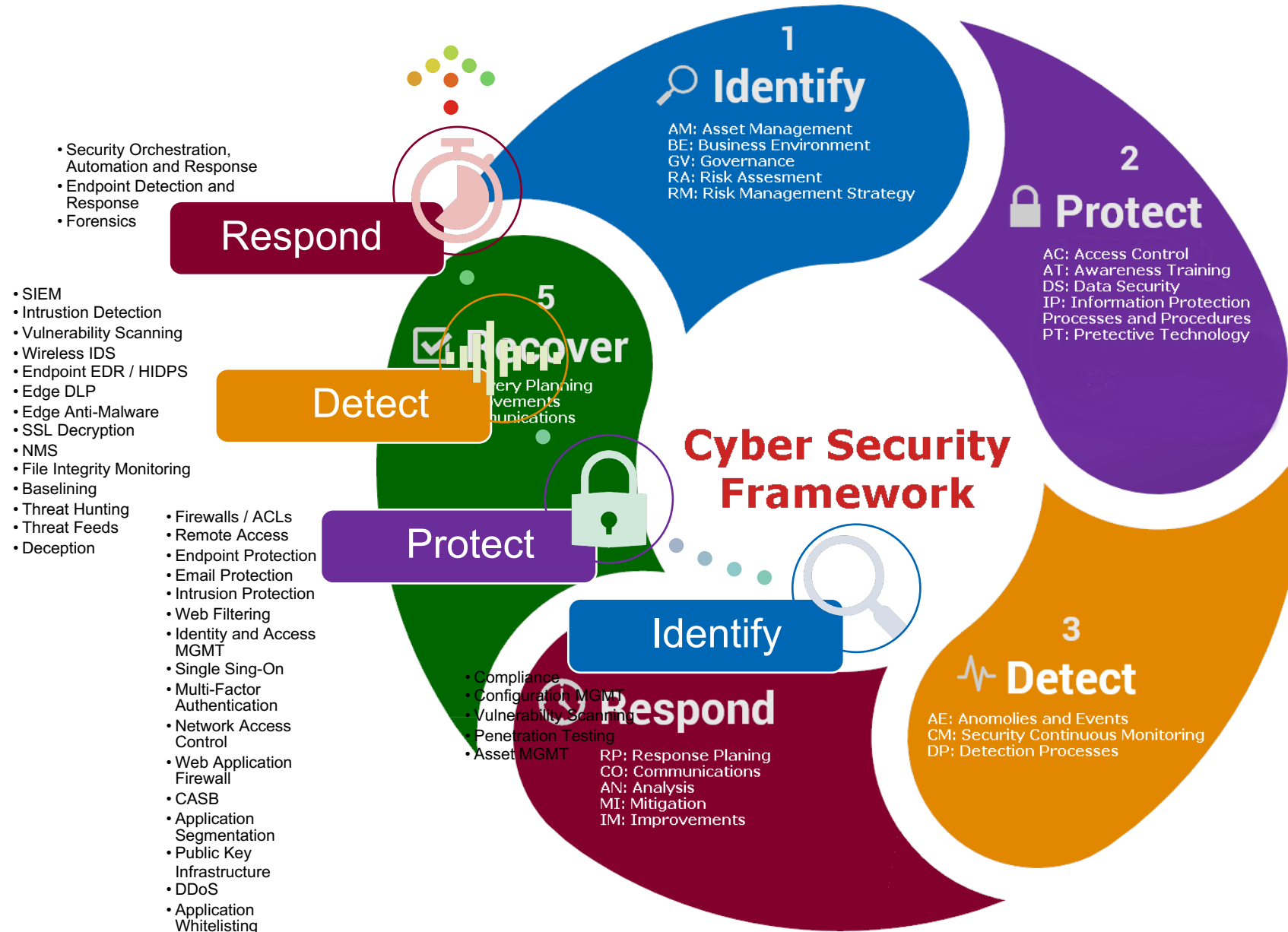


Konvergencia Sietí a Bezpečnosti

Siete Orientované na Bezpečnosť



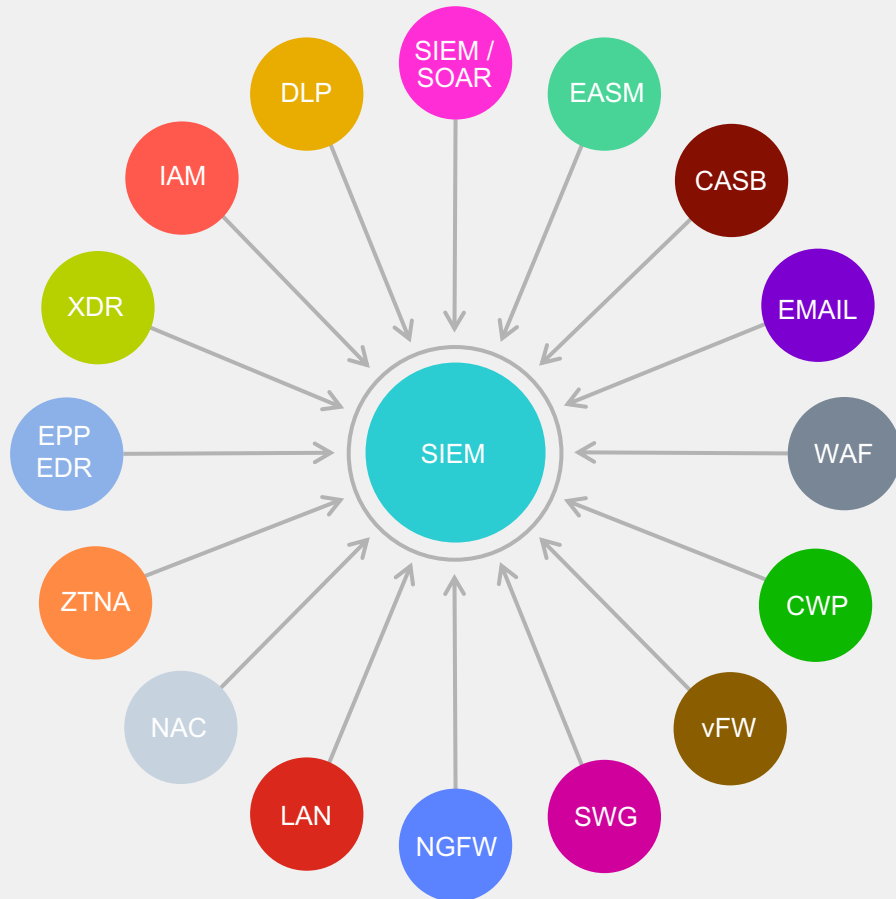
NIST CYBERSECURITY FRAMEWORK



Konsolidácia "Point product" riešení

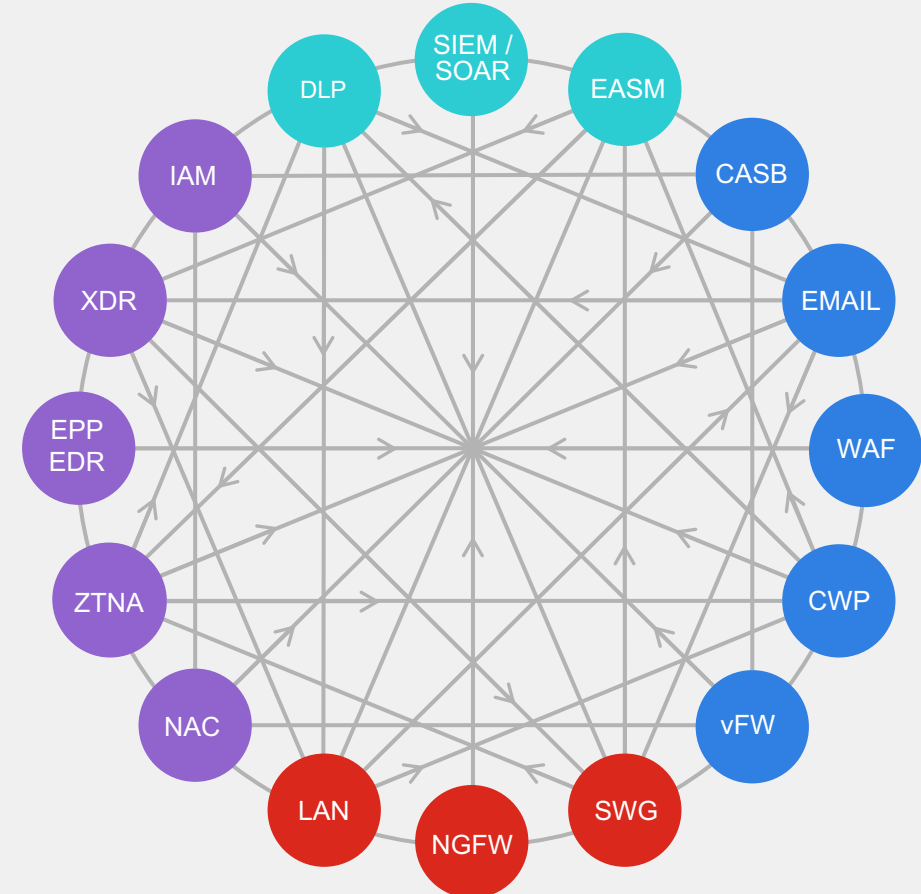
Gartner Cybersecurity MESH Architecture (CMSA)

Bodové produkty kybernetickej bezpečnosti



20 Vendors

Prístup **Platformovej** kybernetickej bezpečnosti



4-6 Platforms



Fortinet Security Fabric

Široký

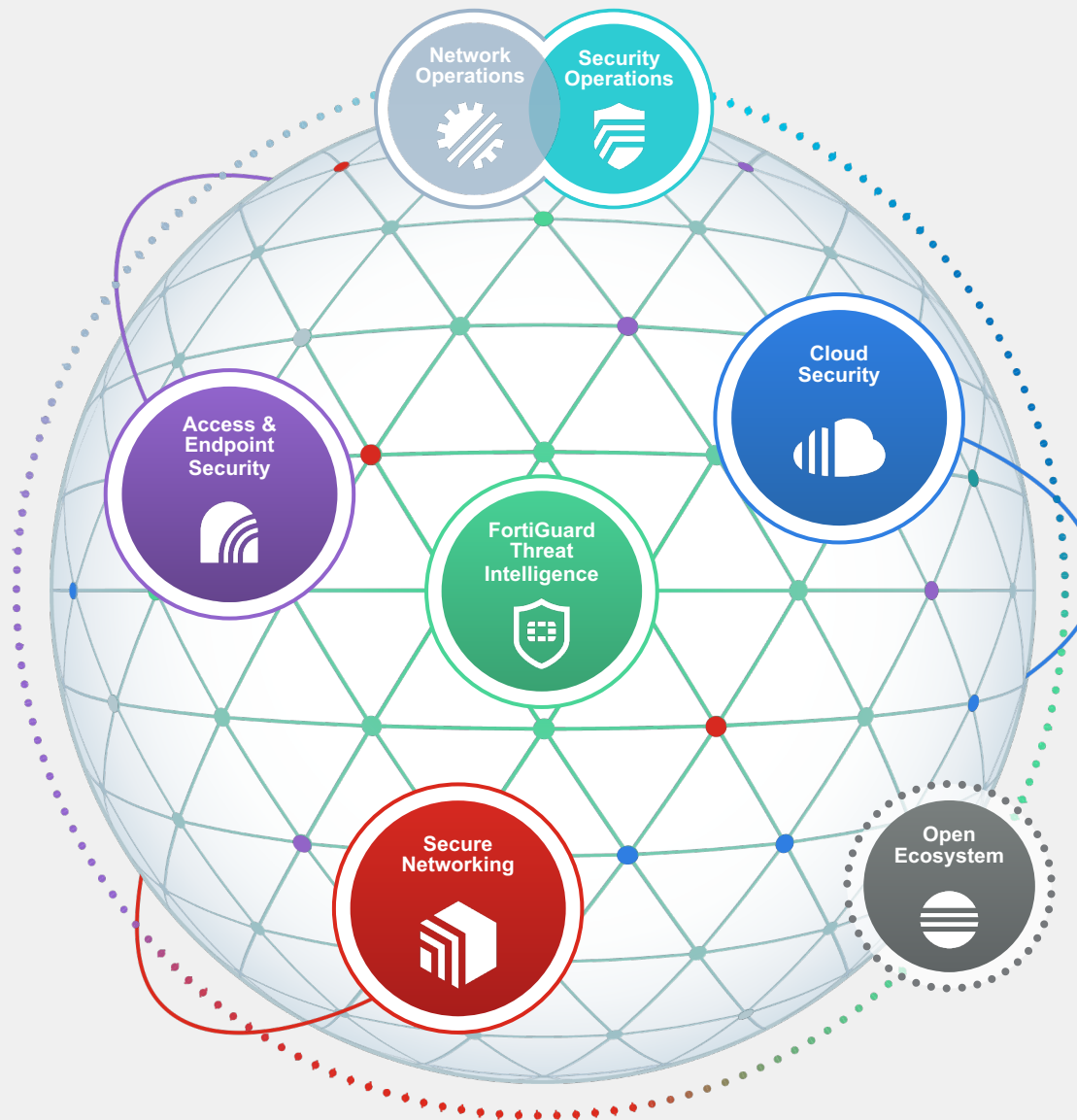
viditeľnosť a ochrana celého digitálneho útočného priestoru s cieľom lepšie riadiť riziká.

Integrovaný

riešenie, ktoré znižuje zložitosť správy a zdieľa informácie o hrozbách

Automatizovaný

samoregeneračné siete so zabezpečením založeným na umelej inteligencii pre rýchlu a efektívnu prevádzku



Visibilita a ochrana celého digitálneho útočného priestoru s cieľom lepšie riadiť riziká.



Access & Endpoint Security

- ZTNA Agent
- Endpoint Protection
- Network Access Control
- Authentication
- MFA / Token



Secure Networking

- Network Firewall
- SD-WAN
- SD-Branch
- Web Proxy
- SASE
- Wi-Fi
- Switching
- 5G / LTE
- And More...



Cloud Security

- Cloud Firewall
- SD-WAN for Multi-cloud
- WAF
- Email Security
- Workload/ Container Security
- ADC / GSLB
- Anti-DDOS
- CASB



Fabric Management Center NOC / SOC

- Network Management
- Network Orchestration
- Network Monitoring
- Cloud Management
- Digital Experience Monitoring
- EDR, XDR, MDR
- UEBA
- Sandboxing
- Deception
- Analytics
- SIEM
- SOAR





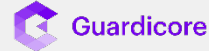
Rozsiahly ekosystém kybernetickej bezpečnosti

Viac ako 480 otvorených integrácií ekosystémov



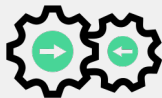
Fabric Connectors (14)

Fortinet-developed deep integrations that automate security operations and policies



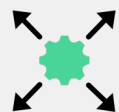
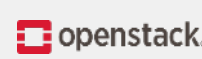
Fabric APIs (266)

Partner-developed integrations using Fabric APIs that provide broad visibility with end-to-end solutions



Fabric DevOps (10)

Community-driven DevOps scripts that automate network and security provisioning, configuration, and orchestration



Extended Security Fabric Ecosystem (200+)

Collaboration with threat sharing organizations and integrations with other vendor products



Firewalls



Switching



Wireless



Endpoint Security

Note: Logos are a representative subset of the Security Fabric Ecosystem

Figures as of Dec. 31, 2021





FortiGuard Labs – Industry-leading Threat Intelligence



Ai /ML-driven Threat Intelligence – Spravodajstvo o Hrozbách

Viac ako 100MLD globálnych bezpečnostných udalostí analyzovaných na poskytovanie viac ako 1MLD bezpečnostných aktualizácií denne



Praktické informácie a služby

- Incident Response
- Zero Day Research
- Penetration Testing
- Anti-Phishing training
- And More



Globálne Leadership a Spolupráca



FortiGate Bundles

ADVANCED THREAT PROTECTION	UNIFIED THREAT PROTECTION	ENTERPRISE PROTECTION	
 Content Security Optimized to monitor and protect against file-based attack tactics • Intrusion Prevention • Anti-malware • Sandboxing • Virus Outbreak Service • Content Disarm and Reconstruction • DLP and more...	 Web Security Optimized to monitor and protect against web-based attack tactics • Web Filtering • Video Filtering • DNS Filtering • Anti-botnet/C&C • Geo IP & IP reputation • And more...	 Device Security Optimized to protect against device & vulnerability-based attack • IoT Security • OT Security • Vulnerability Scanning • MAC Address vendor mapping • Fabric Rating Service • FortiConverter	 SOC/NOC Tools Additional a-la-carte services for your SOC team: • SOC-as-a-Service • FortiManager Cloud • SDWAN Monitoring • Incident Response • Managed Detection and Response • And many more...

More FortiGuard subscription services are available across our broad Security Fabric portfolio of solutions



Technologický ale aj a Partner vo vzdelávaní

Vytváranie kvalifikovaných odborníkov na odstránenie nedostatku kybernetických zručností

Fortinet NSE Certification Program (FREE)

An 8-level training and assessment program designed for customers, partners, and employees

Free Public Network Security Expert Training*

Fortinet has opened up our entire self-paced catalogue of advanced Network Security Expert training courses.

Step

Level Objective



NSE 1

Security Associate



NSE 2

Security Associate



NSE 3

Security Associate



NSE 4

Professional



NSE 5

Analyst



NSE 6

Specialist



NSE 7

Architect



NSE 8

Expert



770,000+
CERTIFICATIONS



400+
ACADEMIES

20+

Education Outreach
partners



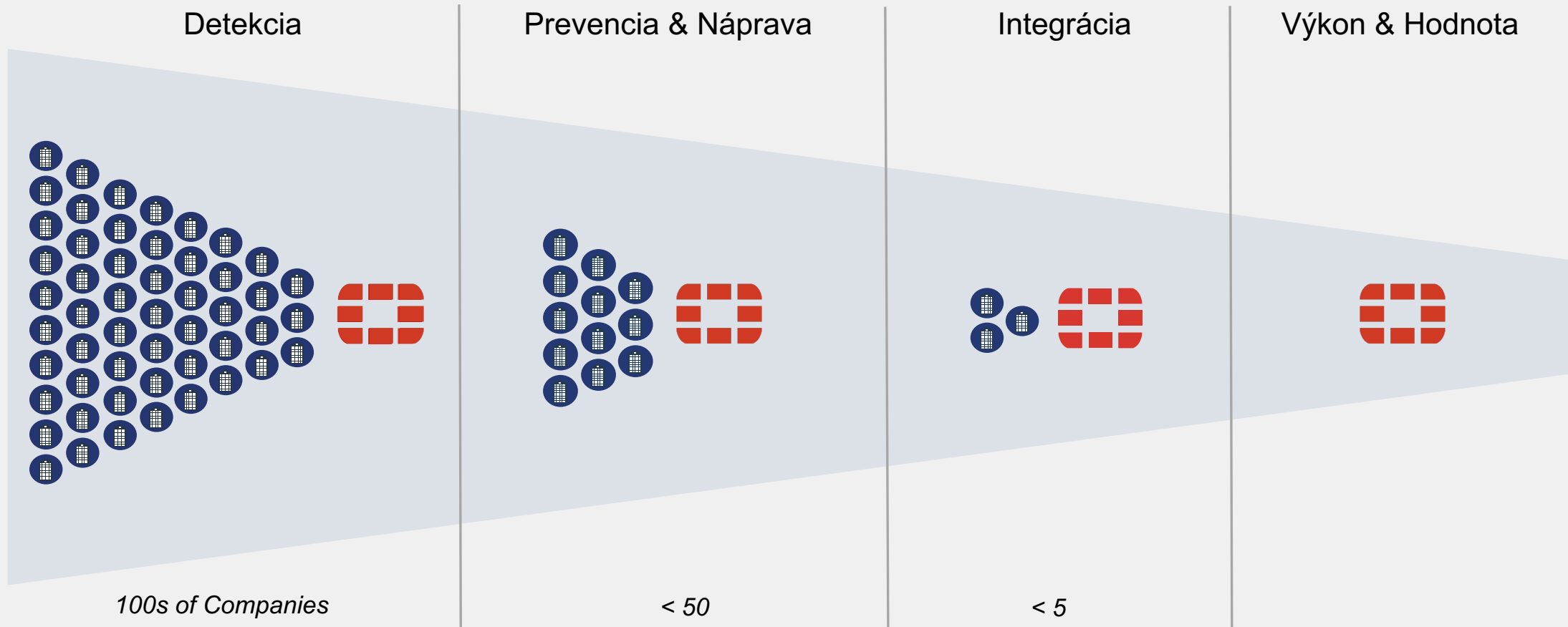
90+
COUNTRIES &
TERRITORIES

* Instructor-led courses, hands-on labs, and certifications are not included.

Figures as of Dec. 31, 2021



Technológie Fortinet excelujú vo všetkých kľúčových fázach siet'ovej bezpečnosti



FORTINET®