

The Fortinet logo is displayed in white, bold, uppercase letters. The letter 'O' is replaced by a red square with a white grid pattern. The background features a city skyline at night with glowing skyscrapers and blue light trails forming arcs across the sky. There are also several red horizontal bars of varying lengths scattered across the image.

**FORTINET**



# AI-Driven Cloud Defense: From Complexity to Clarity

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Greece, Cyprus, Hungary

## Cybersecurity Strategy – The 2 important pillars:

**Platformization** is the strategic shift from offering standalone products to integrated, ecosystem-based platforms, consolidating services to improve efficiency, reduce costs, and enhance user experience.

**AI in cybersecurity** revolutionizes threat detection, automates responses, and strengthens vulnerability management. As threats grow more sophisticated, adopting stronger cyber security preparedness ensures organizations can respond faster and minimize potential impact. By analyzing behaviors, detecting phishing, and adapting to new threats, AI enhances cybersecurity strategies, enabling proactive defense and safeguarding sensitive data.

**Born Integrated. Built Intelligent**





# The Broadest Platform in Cybersecurity

## Secure Networking

- FortiGate**  
NGFW with ASIC acceleration and industry leading Convergence
- FortiSwitch**  
Protected Ethernet connectivity via Secure Networking convergence with FortiGate
- FortiAP**  
Protected Wi-Fi connectivity via Secure Networking convergence with FortiGate
- FortiManager**  
Centralized management of your Fortinet security infrastructure
- FortiNAC**  
Visibility, access control and automated responses for all networked devices
- FortiExtender**  
Extend scalable and resilient LTE and LAN connectivity
- FortiGate Cloud**  
SaaS platform offering zero-touch deployment, network management and security analytics
- FortiEdge Cloud**  
Cloud management for standalone LAN, WLAN and 5G gateway equipment
- FortiAIops**  
AI based insights for rapid analysis and remediation of network issues
- FortiFone**  
Robust IP phones and softclient to stay connected from anywhere
- FortiVoice**  
Unified communications with secure voice, chat, conferencing, and fax
- FortiCamera**  
Physical security with intelligent motion detection in any light condition
- FortiRecorder**  
Secure NVR with smart AI analysis and centralized visibility
- FortiConverter**  
Secure and automated firewall migration from a broad spectrum of vendors
- FGaaS**  
Hardware as a service for FortiGate

## Resources

- Product Matrix**  
Specifications for top selling models
- Fortinet Brochure**  
Highlighting our broad, integrated, and automated solutions, quarterly
- Free Training**  
Fortinet is committed to training over 1 million people by 2025
- Free Assessment**  
Perform an assessment in your network to validate your existing controls
- FortiOS**  
The Heart of the Fortinet Security Fabric
- FortiCare**  
Support and mitigation services

## Unified SASE

### SASE

- FortiGate SD-WAN**  
Application-centric, scalable, and Secure SD-WAN with NGFW
- FortiClient EPP Agent**  
Endpoint Protection Agent with AV, URL and Sand-box
- FortiClient ZTA Agent**  
Remote access, application access, and risk reduction
- FortiSASE**  
Cloud-delivered Security Services Edge
- FortiProxy**  
Enforce internet compliance and granular application control
- FortiMonitor**  
SaaS based DEM platform, performance monitoring
- FortiCASB**  
Prevent misconfigurations of SaaS apps and meet compliance

### CLOUD

- FortiGate VM**  
NGFW w/ SOC acceleration and industry-leading secure SD-WAN
- FortiGate CNF**  
Hosted cloud-native firewall for simplified cloud network security
- FortiWeb**  
Prevent web application attacks against critical web assets
- FortiADC**  
Application-aware intelligence for distribution of application traffic
- FortiGSLB**  
Ensure business continuity during unexpected network downtime
- FortiDDoS**  
Machine-learning quickly inspects traffic at layers 3, 4, and 7
- FortiFlex**  
Flexible daily usage-based consumption licensing for a broad catalog of solution
- FortiPoints**  
Simplified, flexible licensing for annual contracts, renewals, upgrades, and co-terms

## AI-Powered FortiGuard Security

- WF** Web Filtering
- IPS** IPS
- AV** AV
- SBX** Sandbox
- IL MPS** IL MPS
- APP CTRL** Application Control
- ATTK SRFC** Attack Surface
- DLP** DLP
- OT** OT Security Services
- IoC** IoC
- IL CASB** IL CASB

## Security Operations

- FortiAnalyzer**  
Security Fabric log management, monitoring and response
- FortiMail**  
AI-powered, protection against email-borne threats
- FortiSIEM**  
Enterprise-wide monitoring, threat detection, and response
- FortiSandbox**  
AI-powered real-time protection against unknown and 0-day threats
- FortiEDR/XDR**  
Automated endpoint protection and correlated incident response
- FortiToken**  
Cloud/HW/Mobile MFA provide passwordless adaptive authentication
- FortiSOAR**  
Automated security operations, investigation, and response
- FortiAuthenticator**  
Centralized identity and access management solution
- FortiNDR**  
AI-driven analysis to detect and respond to threats
- FortiGuard MDR Service**  
Managed threat detection, investigation, and response
- SOCaaS**  
Continuous security monitoring, incident triage, and escalation
- FortiRecon**  
Proactive digital risk protection service and external/internal threat monitoring
- IR Services**  
Rapid detection, containment, and recovery of cyberattacks
- FortiPAM**  
Privileged identity and access management, and session monitoring
- FortiDeceptor**  
Active deception platform for early in-network attack detection and response
- FortiTester**  
Network performance testing and breach attack simulation (BAS)
- FortiTrust Identity**  
Identity and Access Management as a Service (IDaaS)
- FortiDevSec**  
Orchestrated and automated continuous application security testing
- FortiGuest**  
Access management solution for temporary access to guests and visitors
- FortiDAST**  
Automated black-box dynamic application security testing
- FortiCNAPP**  
Secure code to cloud with a single, data-driven platform
- FortiScanner Cloud**  
Cyber Asset Attack Surface Management Service
- FortiNextDLP**  
Endpoint DLP and Insider Risk management
- FortiAI**  
Integrated GenAI Assist for SOC and NOC

## OT Security Platform

- OT Security Service**  
FortiGuard subscription for FortiGate NGFW enables protection against OT-specific threats
- Ruggedized Products**  
Rugged NGFW, switch, AP, and 5G extenders provide secure connectivity in harsh outdoor environments
- FortiSRA**  
Agentless secure remote access offers robust remote access control, management, session logging, monitoring, and recording
- SecOps for OT**  
Advanced cybersecurity controls bring OT networks into the SOC and incident response plans

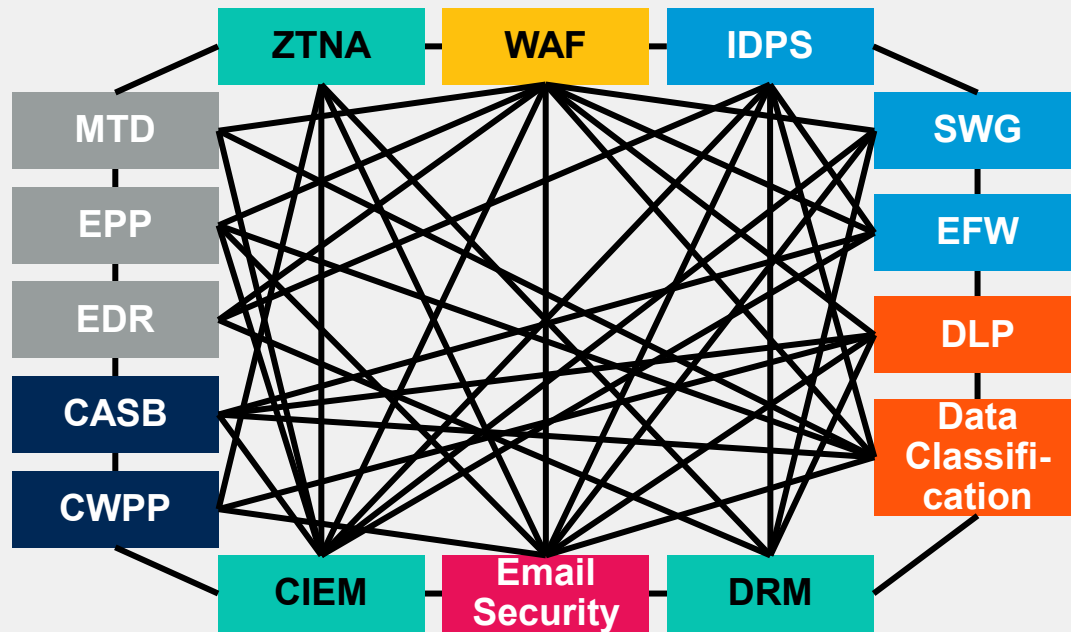
## Open Ecosystem

- FNDN**  
Advanced tools for Fortinet community to develop custom solutions
- Fabric Connectors**  
Fortinet-developed integrations for automation and security
- Fabric API**  
Partner-developed integrations for end-to-end visibility and protection
- DevOps Tools**  
Community-driven scripts automate network/security tasks
- Extended Ecosystem**  
Integrates with third-party systems and orgs for sharing threat-intel

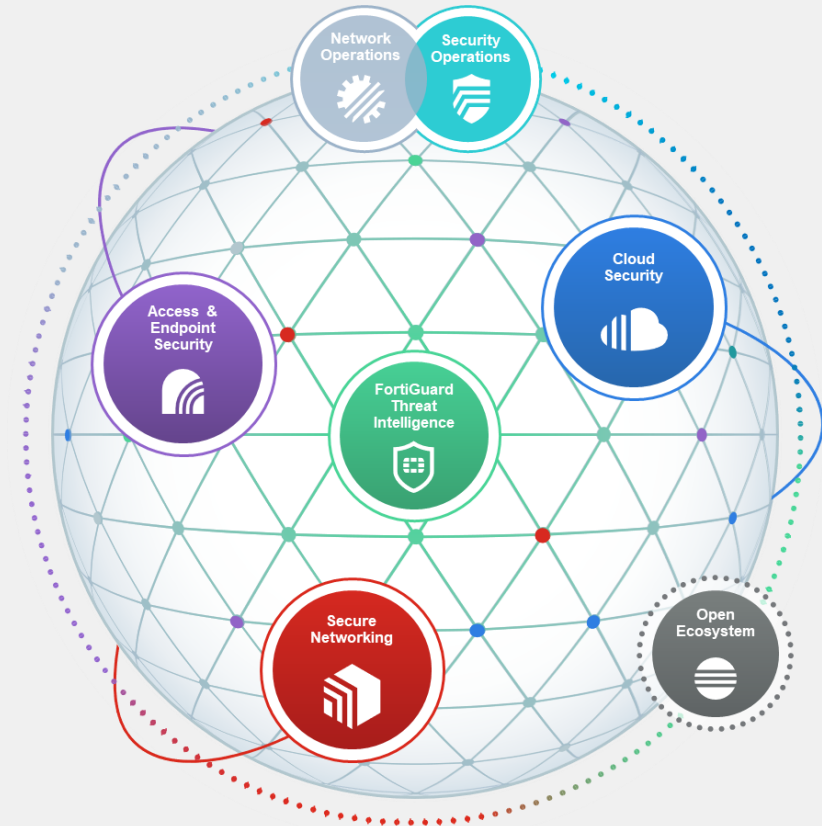


# Overview: Gartner Cybersecurity Mesh Architecture

# Gartner®



# FORTINET®



Executive Guide to Cybersecurity Mesh, 2022

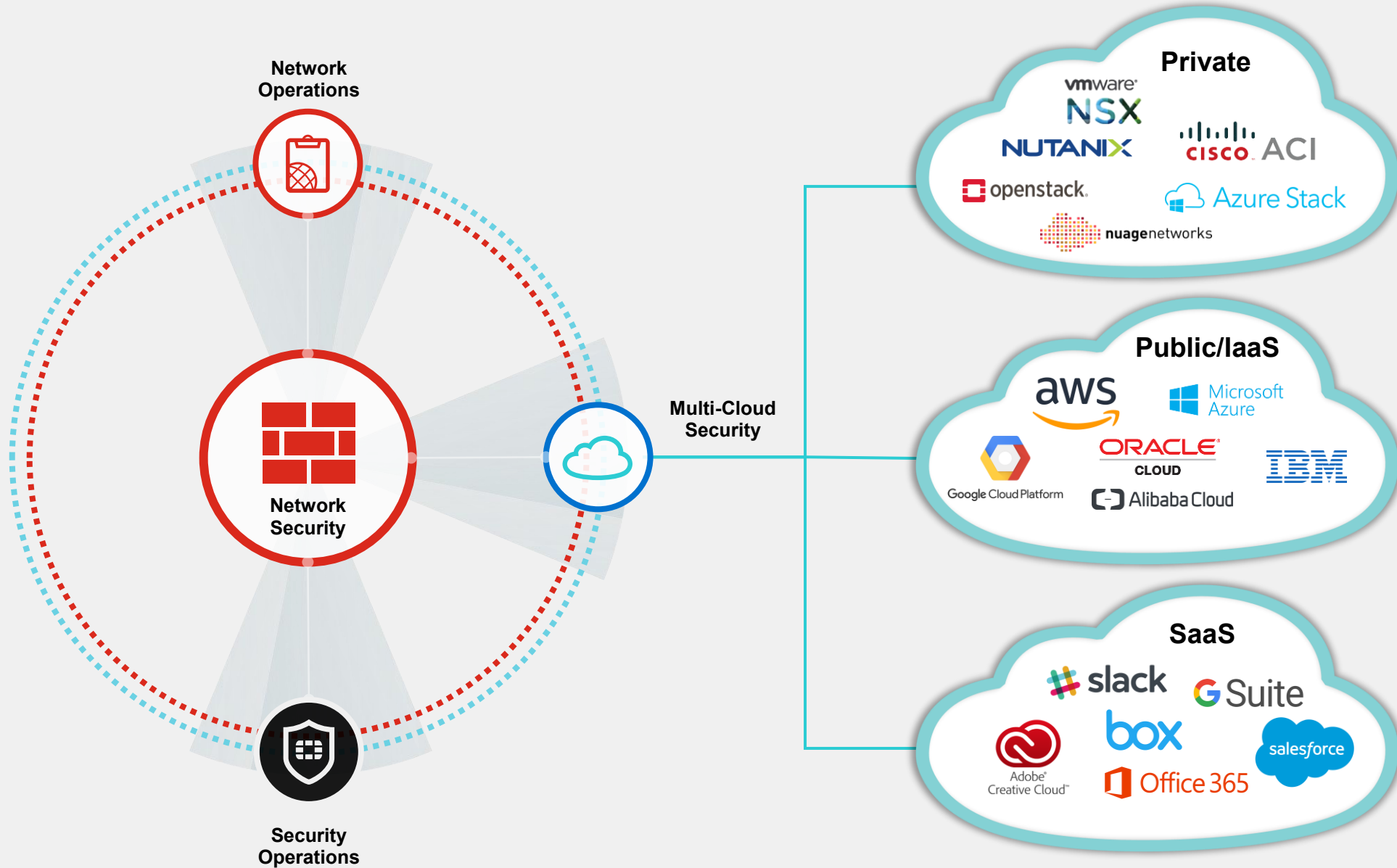
Felix Gaehtgens, James Hoover, Henrique Teixeira, Claudio Neiva, Michael Kelley, Mary Ruddy, Patrick Hevesi. As of October 2021

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# Fortinet Security Fabric - Cloud



# Enable Reliable Connectivity with FortiGate NGFW



## Reach cloud environments efficiently and securely

With FortiGate NGFW, organizations can facilitate excellent experiences via a fast SLA and secure connection with integrated SD-WAN.



## Simplify and improve connections across distributed sites, Cloud workloads, and applications

Existing customers can easily transition to FortiGate NGFW and manage the migration with FortiManager

# AI Meets Cybersecurity



## Protect

IT Controls

**Visibility  
& Control**



## Secure

Attack Surface Management

**Agentic & LLM Security**



## Assist

NOC & SOC

**Assistants  
& Agents**



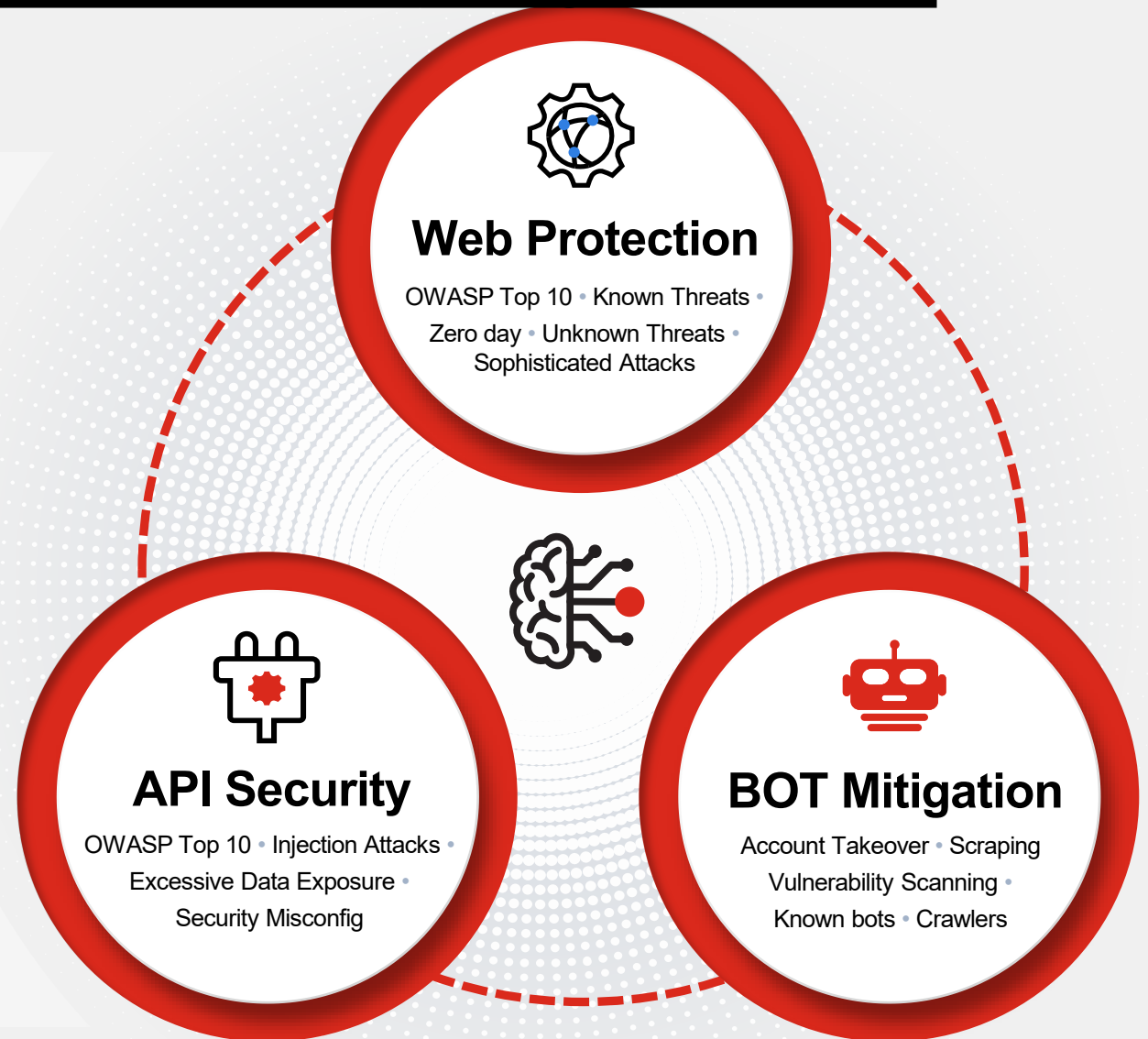
# FortiAppSec: Fortinet's Application Security Solution

**Security risks to web applications and APIs continue to grow in number and variety**

 **Known and unknown exploits of the OWASP Top-10 risks are used daily**

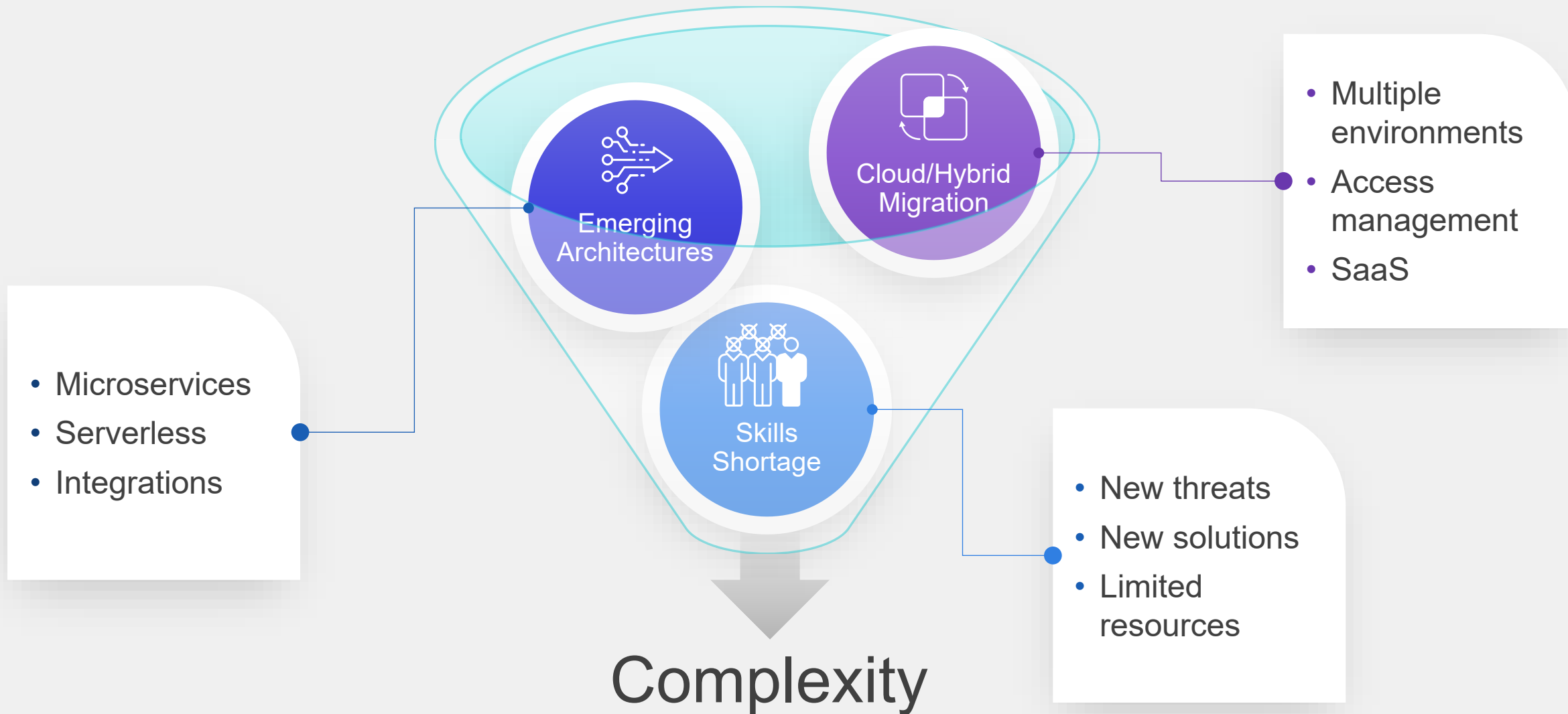
 **Detecting malicious bots has become difficult as these mimic human behaviors**

 **APIs across the ecosystem process PII which is often exposed.**





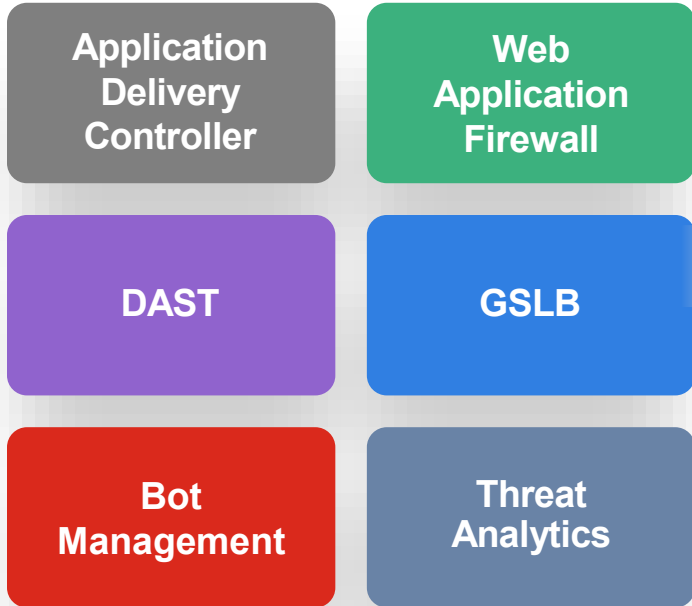
# Modern Applications Architectures Create Blind Spots



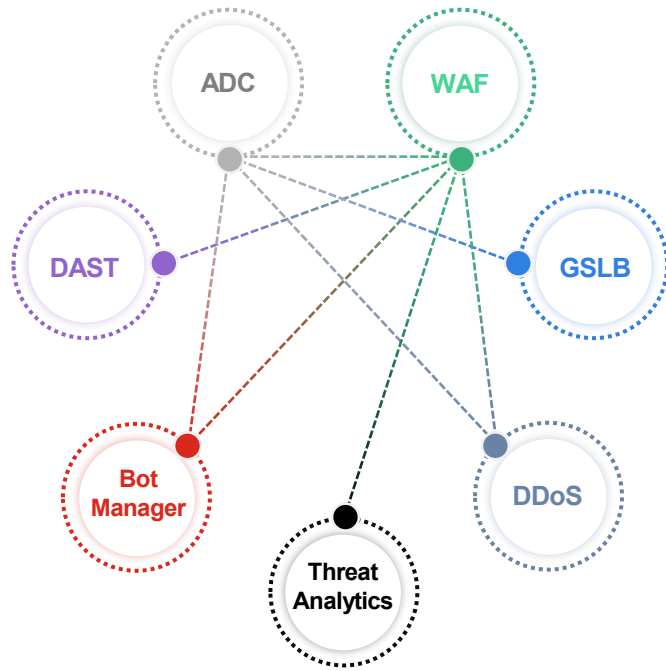


# A Unified Application Security Platform

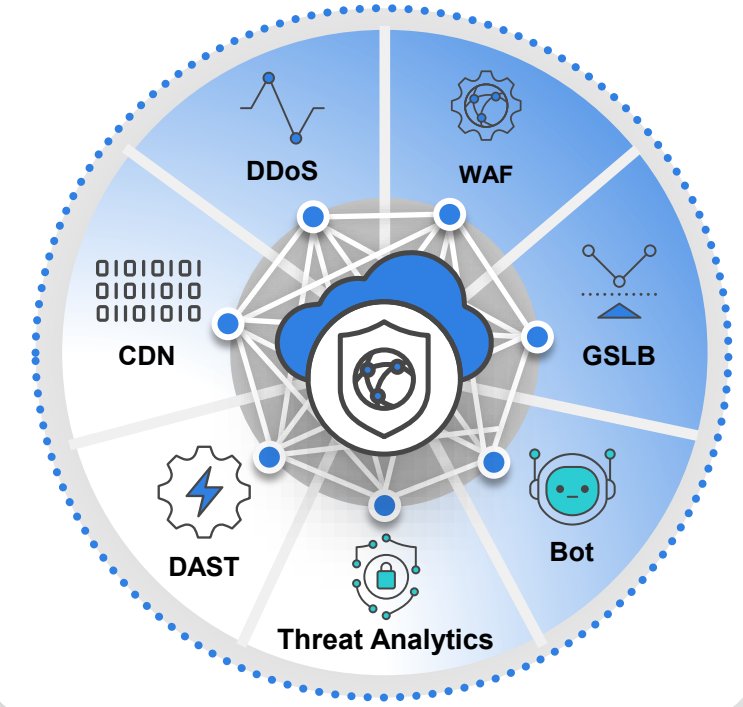
## Standalone Product



## Technology Integration



## FortiAppSec Cloud



The Journey to Cloud Maturity



# AI-Powered

## WEB APPLICATION AND API PROTECTION



### API Discovery and Protection

API Discovery using URL clustering with schema awareness, automatic schema generation, Anomaly Detection (HMM+SVM)



### Threat Analytics

Analyze million of events using ML to identify common characteristics and patterns and group them into meaningful security incidents



### Web Protection

Zero day attack protection using two layer solution (HMM and SVM), Anomaly verification, continuous learning



### Bot Mitigation

Behavioral learning using ML SVM based on 13 different traffic dimensions, automated verification using training samples



### FortiAI-Assist

An AI SOC agent that accelerate threat detection, analysis, and response by providing business context and recommendations





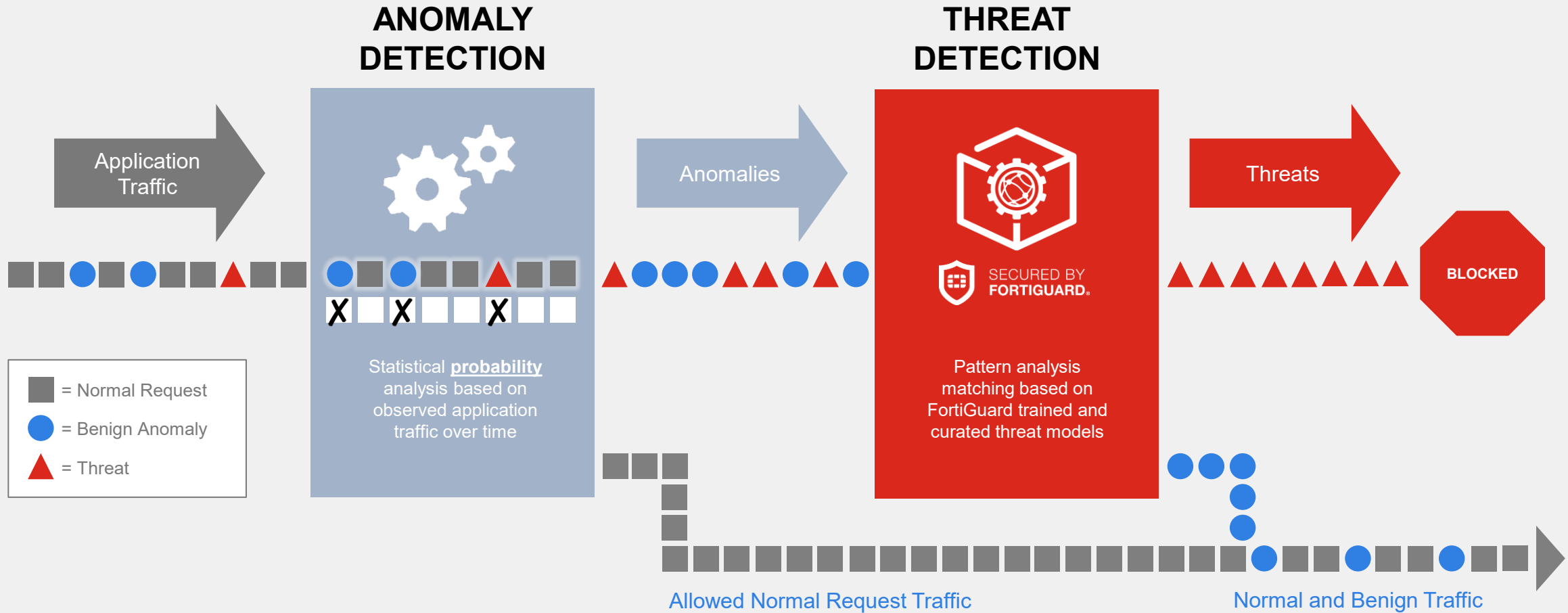
# AI-Powered Web Application Protection





# ML-Driven Highly Accurate Threat Detection

Reduce friction and false positives when deploying web applications and APIs

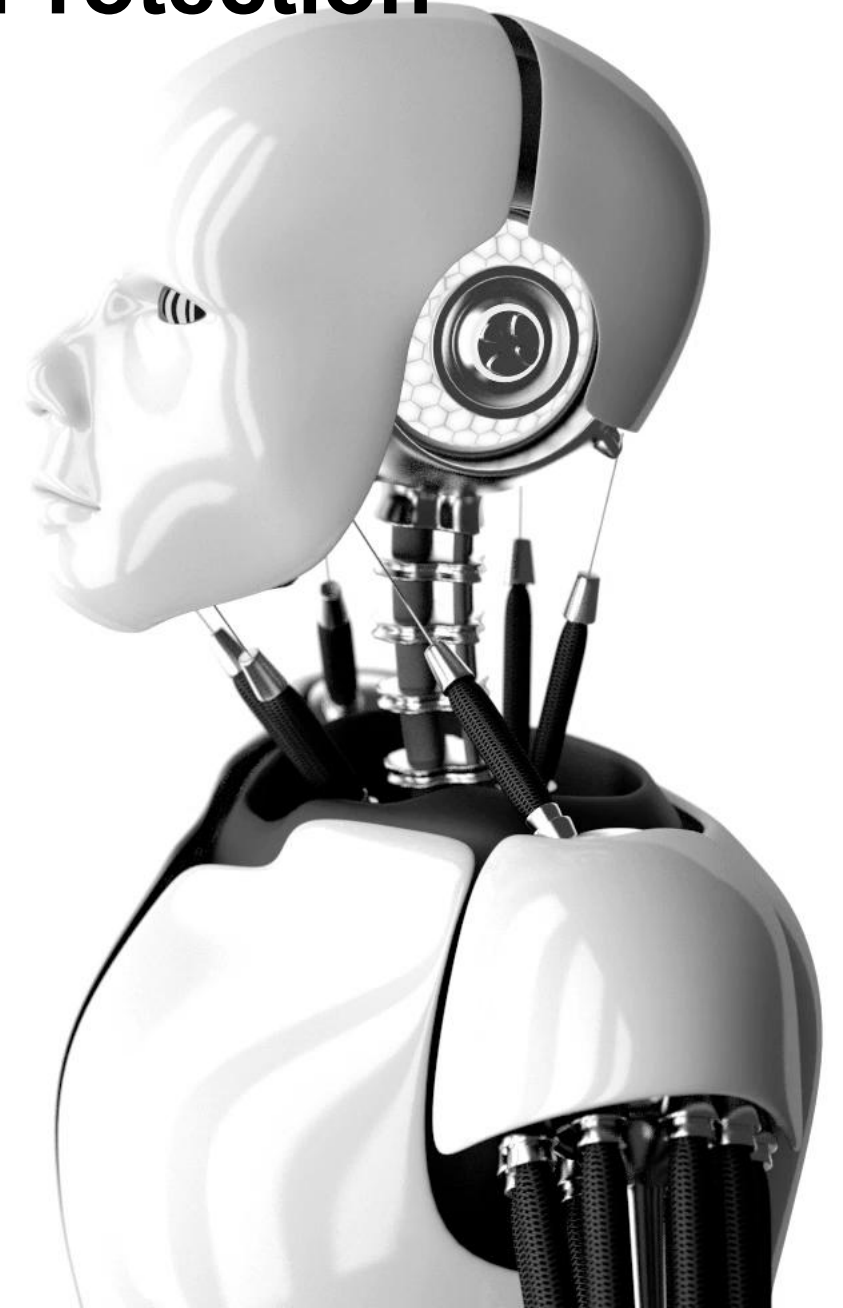




# **New FortiGuard Advanced Bot Protection**

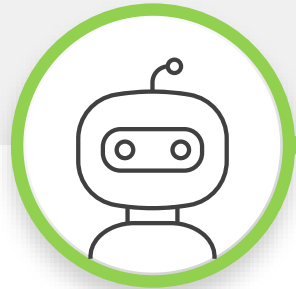
**FortiGuard ABP SaaS Solution incorporates behavioral analysis and deep learning** to protect businesses from financial losses, reputational damage, and regulatory penalties.

**Detects and mitigates sophisticated bots** to prevent fraudulent activities, spamming, scraping, or other attacks on websites, applications, or APIs.





# Evolution of Bot Types



**Simple Bots**



IP Reputation



**IP Agnostic**



Threshold Detection



**Mimic Human Behavior**



Biometric Detection



**Solve Captcha**



Artificial Intelligence

**WAF**

**Advanced Bot Protection**





# FortiAppSec Cloud

## Customer Benefits

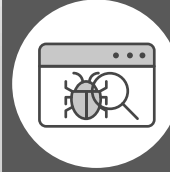
- ✓ Cover the application attack surface
- ✓ Simplify detection and response
- ✓ Deliver consistent security policy
- ✓ Ensure availability and continuity
- ✓ Optimize application performance
- ✓ Central management and visibility

### Web Application Protection



Web Application Firewall    API Protection    Client Side Security

### DAST



Vuln Scan

### DDoS Mitigation



L 3/4/7 Protection

### Advanced Bot Management



Advanced Bot Protection

### Application Delivery



CDN    GSLB    Load Balancing    Content Routing

### AI Driven Security Operations



Threat Analytics    SIEM Integration    FortiView    SOC Analyst Tools

### Unified Management



Single Pane    Automation    API    Fabric Connectors    Cloud Connectors



## THE INCONVENIENT TRUTH

# Cloud has broken the cybersecurity status quo...

**50%** of cloud identities are super admins, and cloud workloads outnumber human users 10:1

Source: Microsoft

**Every 18-minutes** a new CVE (common vulnerabilities and exposures) is published

Source: CVE.org

Ransomware will cost around \$265 billion (USD) annually by 2031, with a **new attack every 2 seconds**

Source: Cybersecurity Ventures

By 2027, 75% of employees will acquire, modify or create technology **outside IT's visibility** – up from 41% in 2022

Source: Gartner

**68% of data breaches involve stolen credentials** and social engineering

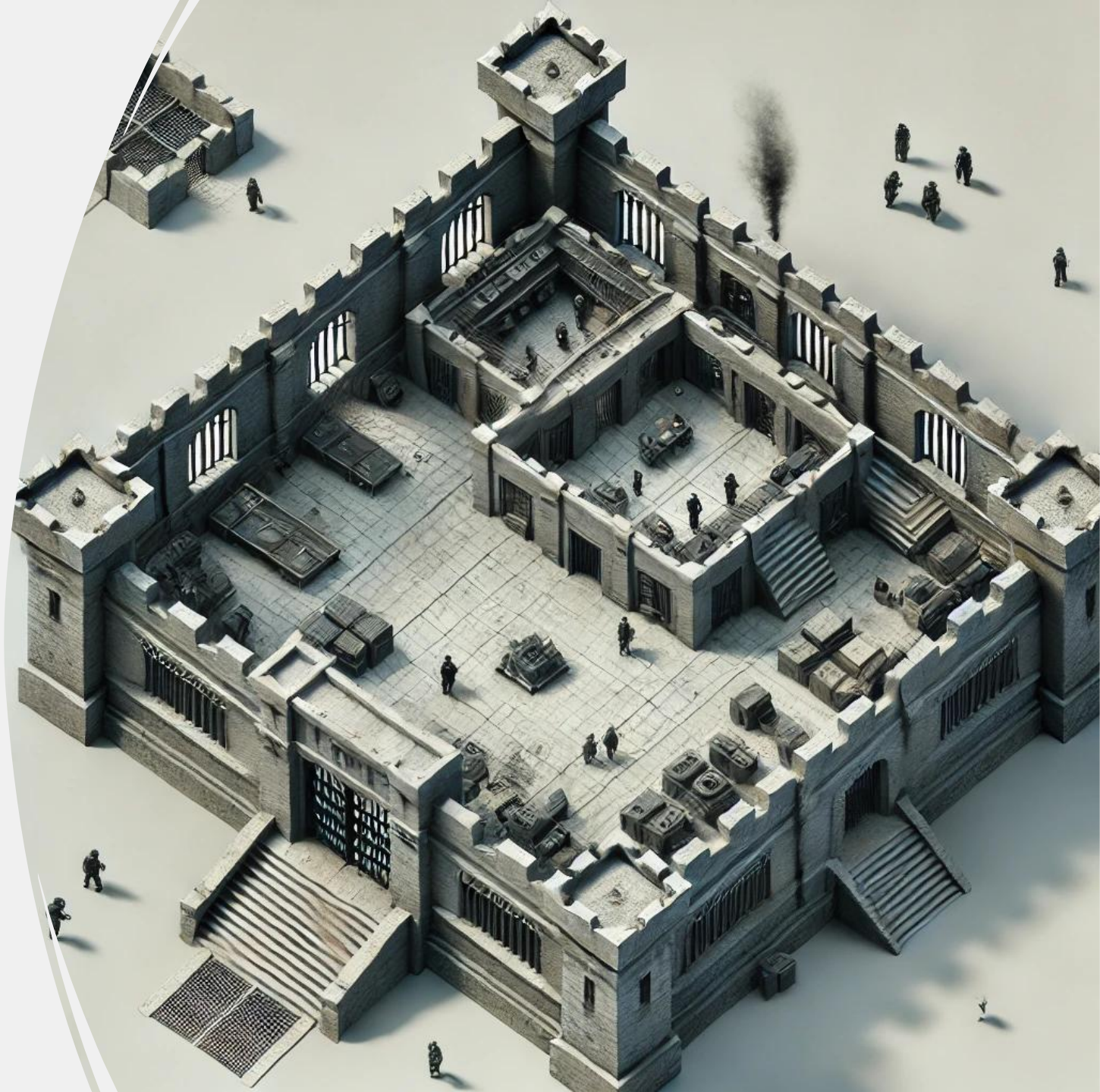
Source: Verizon



# Your castle: Your critical infrastructure

Gartner predicts that by 2029, “**60%** of enterprises that do not deploy a unified CNAPP solution within their cloud architecture **will lack extensive visibility into the cloud attack surface and consequently fail to achieve their desired zero-trust goals.**”

[Read Insights from Gartner® on CNAPPs](#)

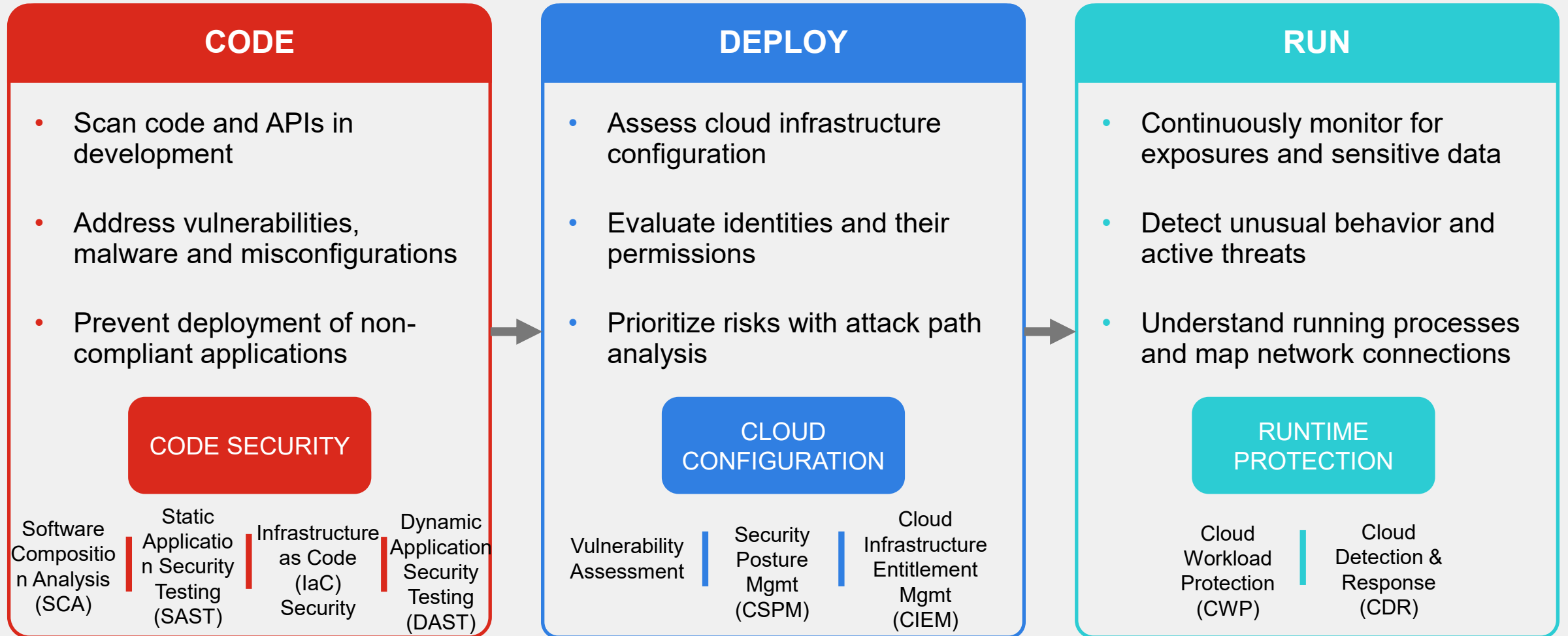


*You can't Secure  
What you can't See*



# FortiCNAPP Core Capabilities

A unified platform for code-to-cloud security





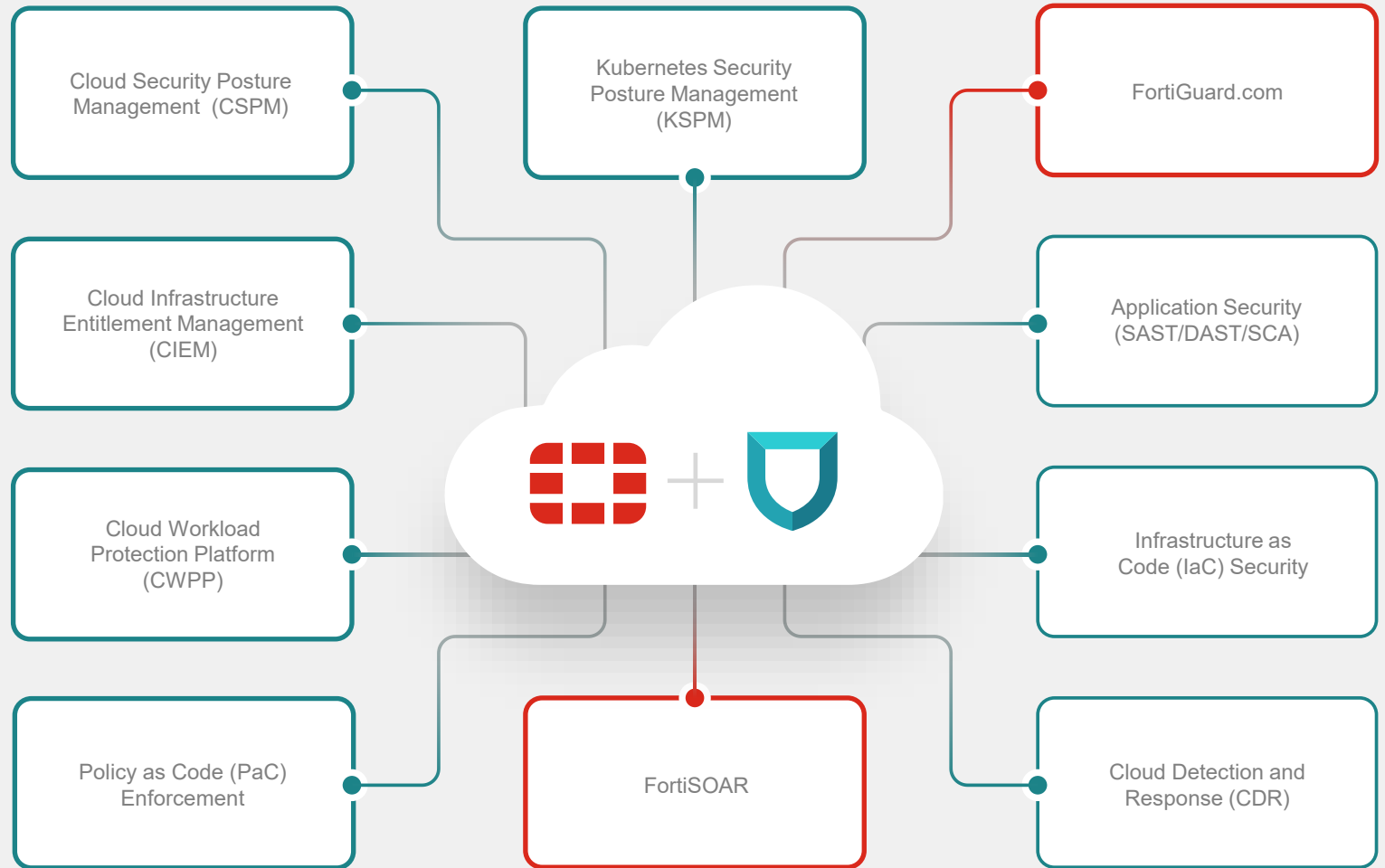
# Fortinet + FortiCNAPP

The Most Complete AI-driven Cloud-Native Application Protection Platform

Single vendor for all cloud security and secure CI/CD application development needs.

**See AND protect** everything from coding, deploying, and running applications across hybrid and multi-clouds.

Simplify security with AI-driven platforms from both Lacework FortiCNAPP and Fortinet.



# Call to Action...

## Your Cloud Security Journey Starts Here:

- Get Your Cloud Assessed Today
- Explore Fortinet Cloud Security Solutions [here](#)

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**FORTINET.**



The Fortinet logo is centered on a black background. It features the word "FORTINET" in a bold, white, sans-serif font. The letter "O" is stylized with a red and white grid pattern. The background is decorated with several dark gray geometric shapes: a large semi-circle at the top, a large semi-circle at the bottom, a square in the middle, and a vertical bar on the right. There are also three red horizontal bars: one at the top left, one in the middle right, and one at the bottom left. A grid of small white dots is visible in the bottom right area.

**FORTINET**