

Securing The Hyper-Connected World

Hybrid Mesh Architecture

Advanced Network Security in the era of AI

Nathan Yang | Security Engineer - Mongolia & China

Company Profile and Market Presence

Company Profile

Check Point allows any organization to conduct their business on the internet with the highest level of security



Over
30 Years
in cyber security

HQ: Israel
74
Global offices

Over
+7,000
Employees

Protecting over
100,000
organizations

Operating in
182
countries

NASDAQ listed
~\$25B
Market cap

Recognized as a Leader by Multiple Analysts

120+ Industry Analyst Firm Research
Recognizes Check Point Security Platforms

Gartner

A Leader in
Magic Quadrant
for Network Firewall

Gartner

A Leader in
Magic Quadrant
for Email Security

Gartner

A Visionary in
Magic Quadrant
for Endpoint Protection
Platform

Gartner

Honorable Mention
in Magic Quadrant
for SD-WAN

Gartner

Honorable Mention
in Magic Quadrant for
Single Vendor SASE

FORRESTER

A Leader in Wave
for
Enterprise Firewall

FORRESTER

A Leader in Wave
for Zero Trust
Platform Providers

FORRESTER

A Leader in Wave
for Mobile
Threat Defense

FORRESTER

A Leader in Wave
for
Email Security

F R O S T & S U L L I V A N

IDC

GIGAOM

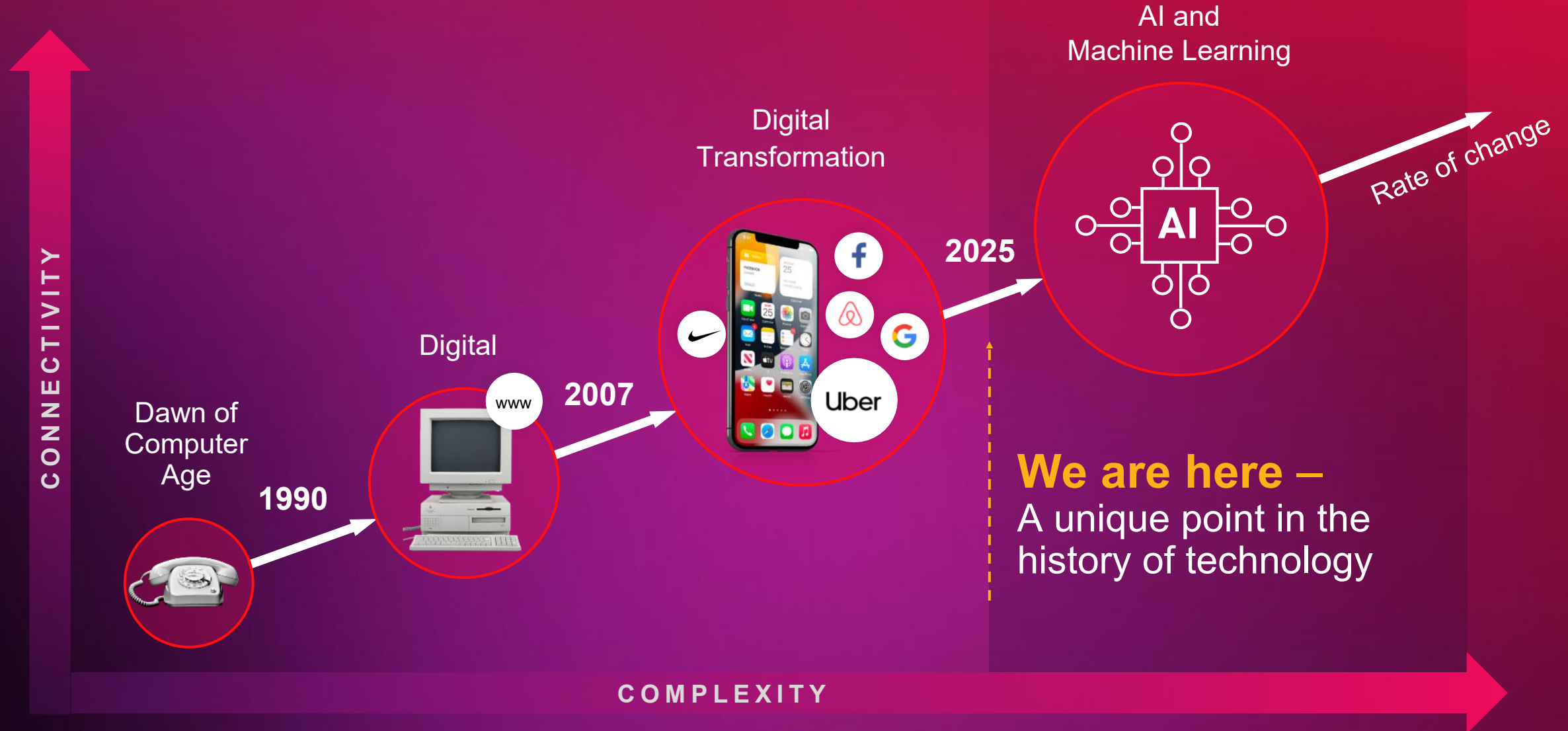
MDIA

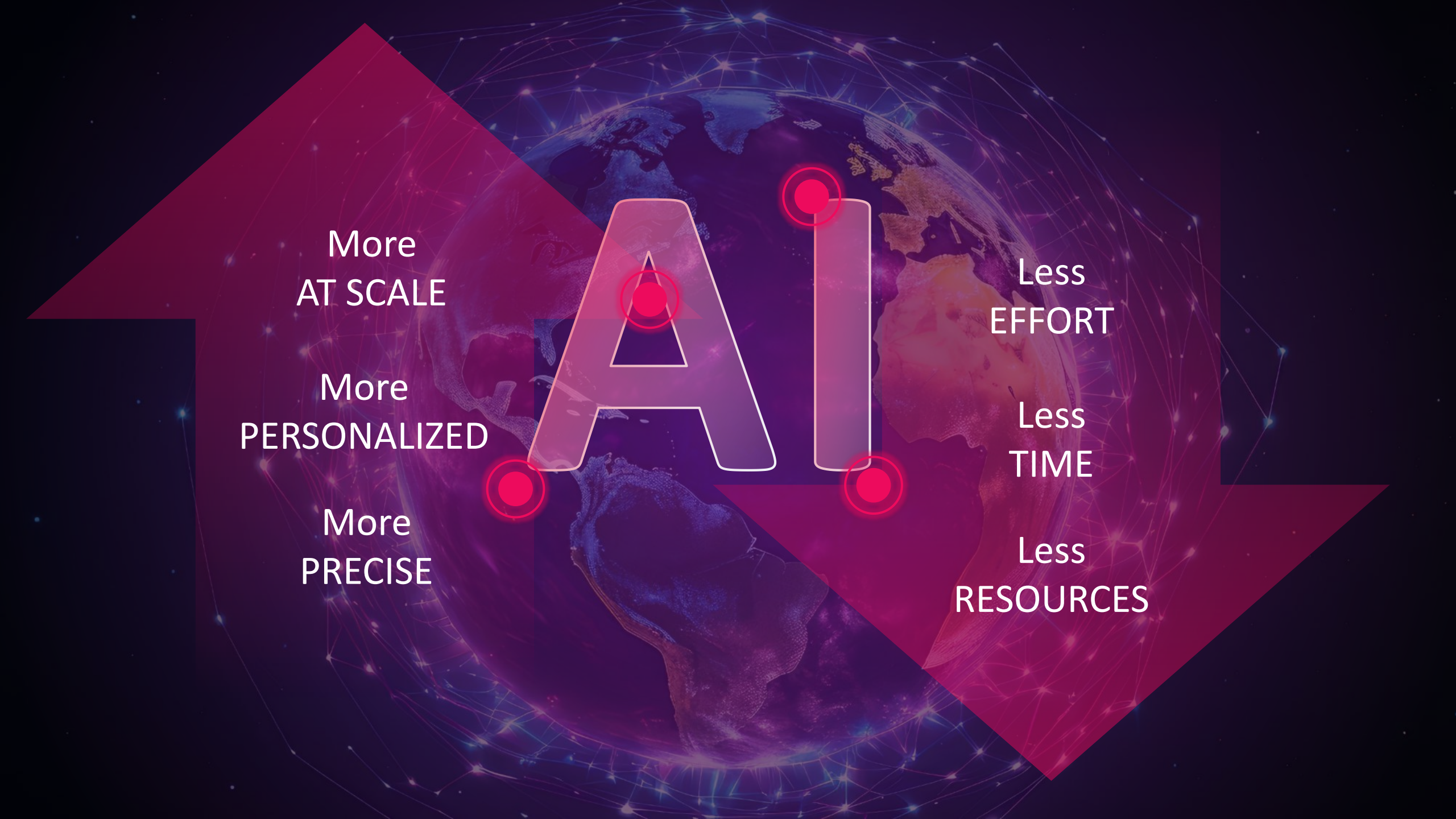
kuppingercoie

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The Hyperconnected World and the AI Era

The Technology Singularity



The background features a stylized globe with a network of glowing blue lines and dots, suggesting a global digital or data network. A large, semi-transparent red arrow points upwards from the bottom left, and another points downwards from the top right, framing the central content. In the center, the letters 'AI' are rendered in a large, white, outlined font. Four red circular markers with white outlines are positioned at the top of the 'A', the bottom of the 'A', the top of the 'I', and the bottom of the 'I'.

More
AT SCALE

More
PERSONALIZED

More
PRECISE

A

I

Less
EFFORT

Less
TIME

Less
RESOURCES

A person wearing a dark hoodie is seen from behind, sitting at a desk and using a laptop. The laptop screen is dark and reflects some light. The background is a dark, blue-toned digital rain or data stream, with many small, glowing blue dots and lines falling from the top. The overall mood is mysterious and technological.

AI CYBER ATTACK

NEW

ATTACK SURFACES AND TECHNIQUES

Data poisoning

Deepfake
technology

Model stealing
attacks

Model inversion attacks





CHECK POINT RESEARCH **AI SECURITY REPORT**



NEW WAVE OF DARK AI MODELS

GhostGPT, FraudGPT, HackerGPT



Figure 2 – Onion GPT, an example of a dark AI model created in Tor

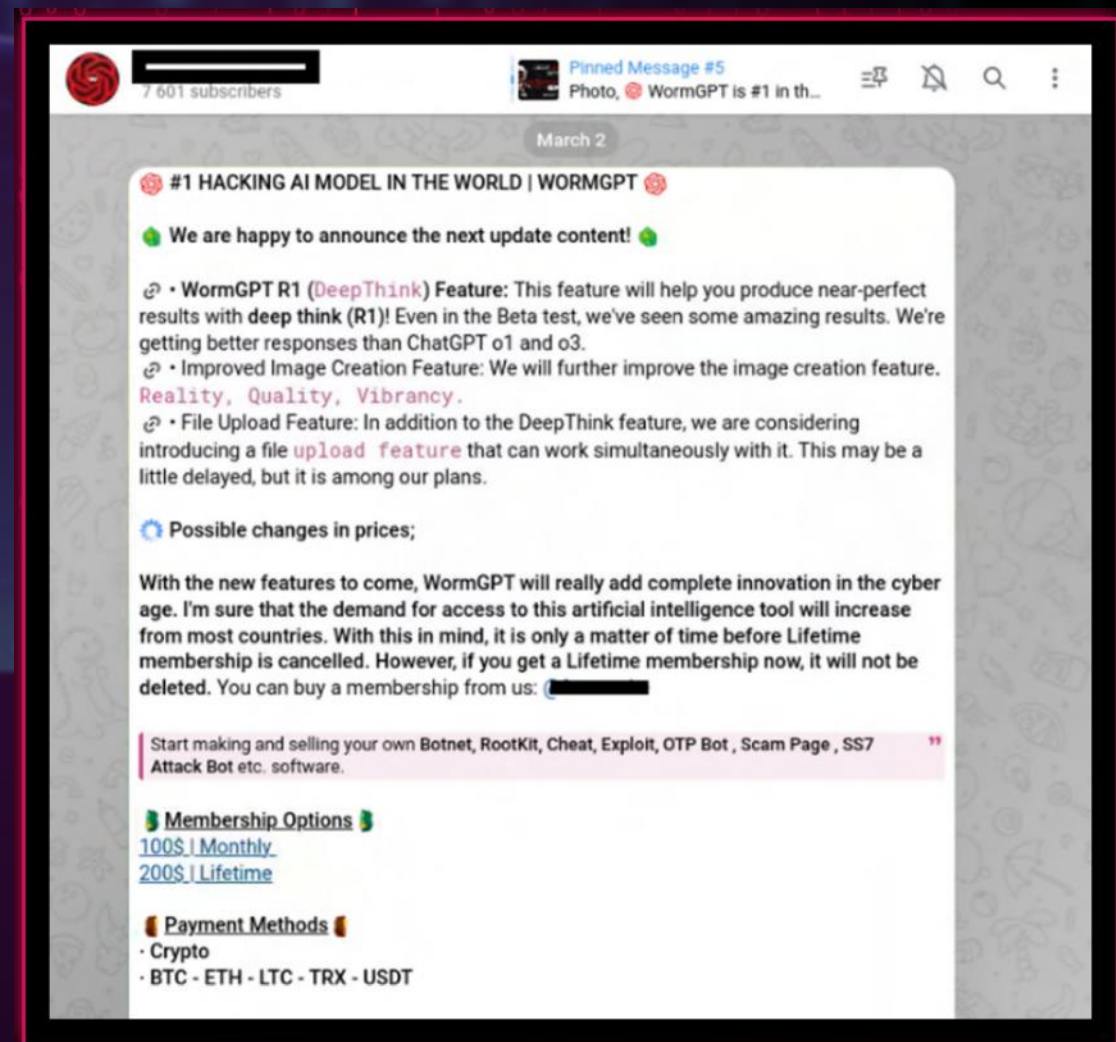


Figure 3 – Malicious AI service WormGPT advertised on a Telegram channel

The image features a dark purple background with a subtle pattern of concentric circles and wavy lines. The letters 'AI' are rendered in a large, bold, pink-to-white gradient font, with a reflection effect below them. To the right of the 'AI' is the text 'Is the ANSWER' in a white, sans-serif font.

AI

Is the ANSWER

Introducing Threat Cloud AI

Real-Time Threat Prevention



THREATCLOUD **AI**

95+

Security Engines

4B

Yearly Attacks Prevented

55+

Are AI Powered

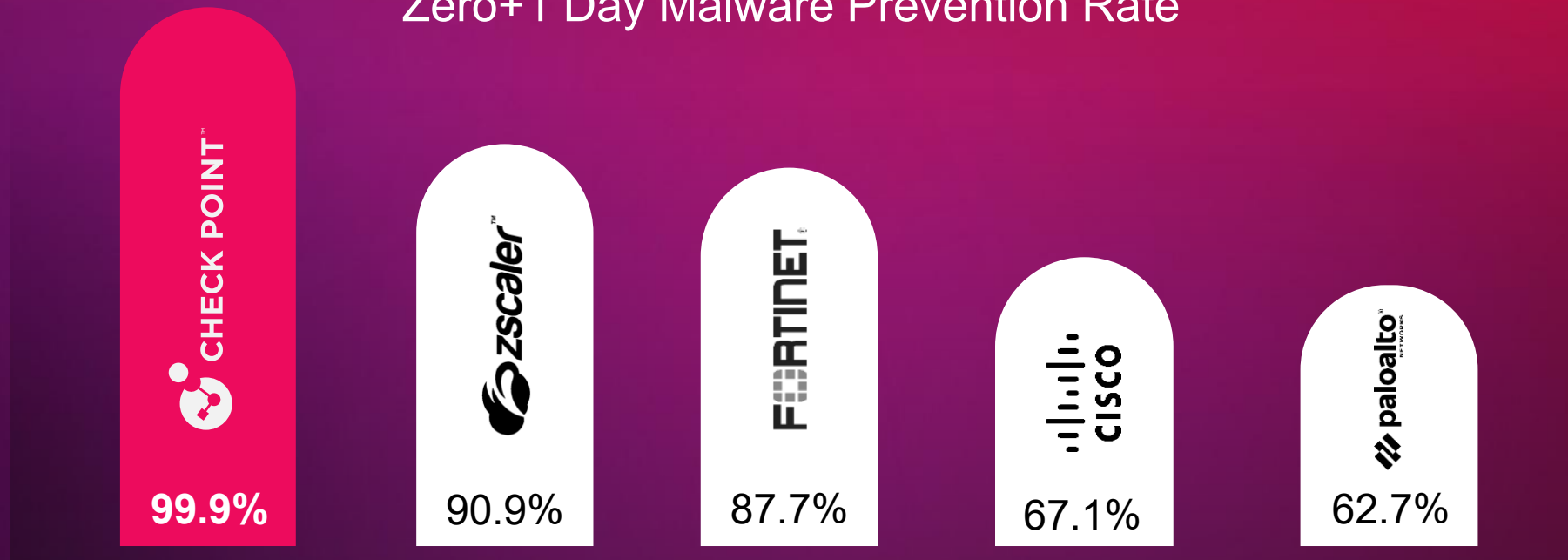
<2 Sec

Synced globally
to all enforcement point

Best in Real-Time Threat Prevention

Miercom 2025 Security Benchmark Report

Zero+1 Day Malware Prevention Rate



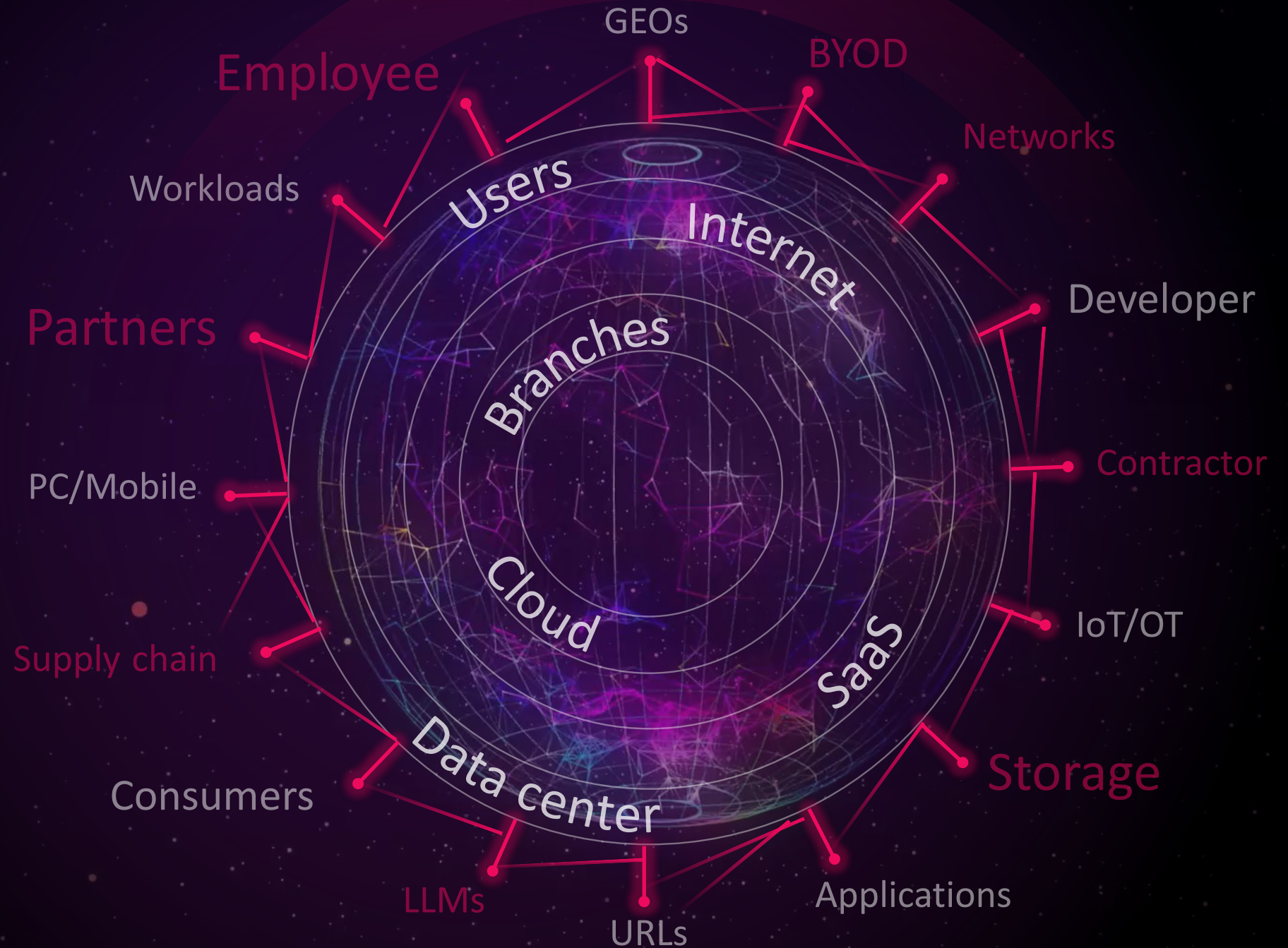
Highest Security Rating - 2025

Source: Miercom Enterprise & Hybrid Mesh Firewall Benchmark Report 2025

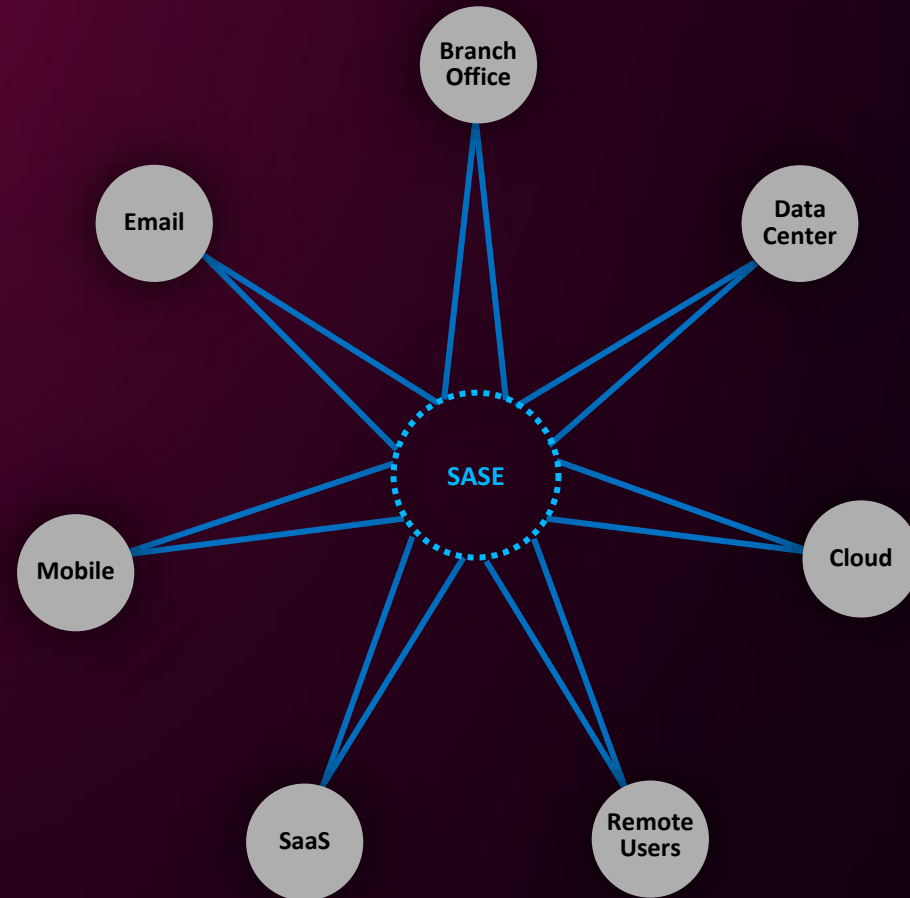
Security Solution: Architecture & Platform

We Are In A
Hyper-Connected
World

In The AI ERA



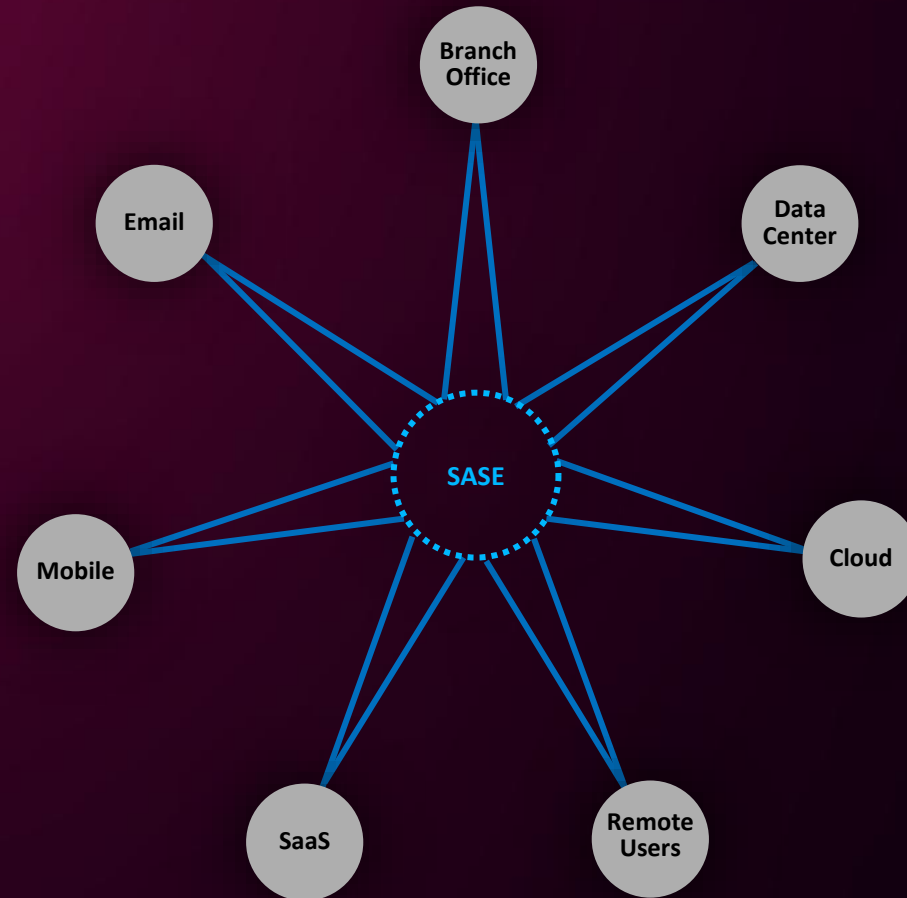
SASE is an essential element
in this architecture



SASE is an essential element
in this architecture

The Proxy Paradox

Let's Understand &
Discuss Origin Of SASE

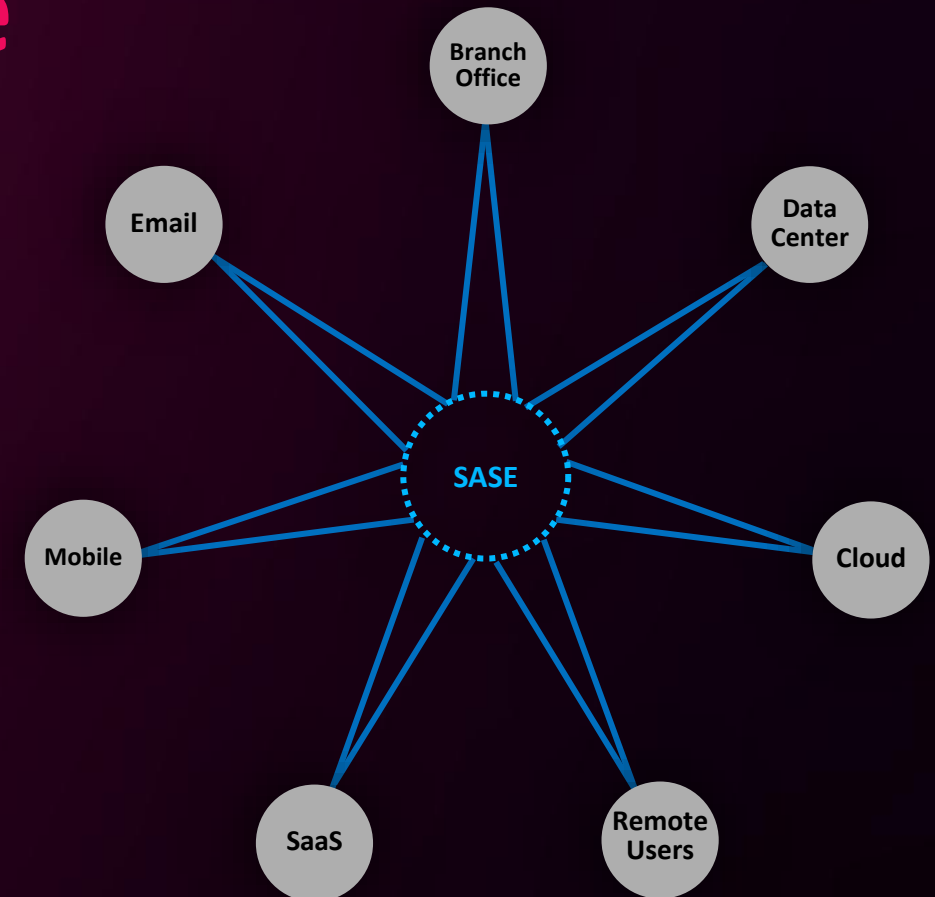


Cloud-Only SASE is not enough

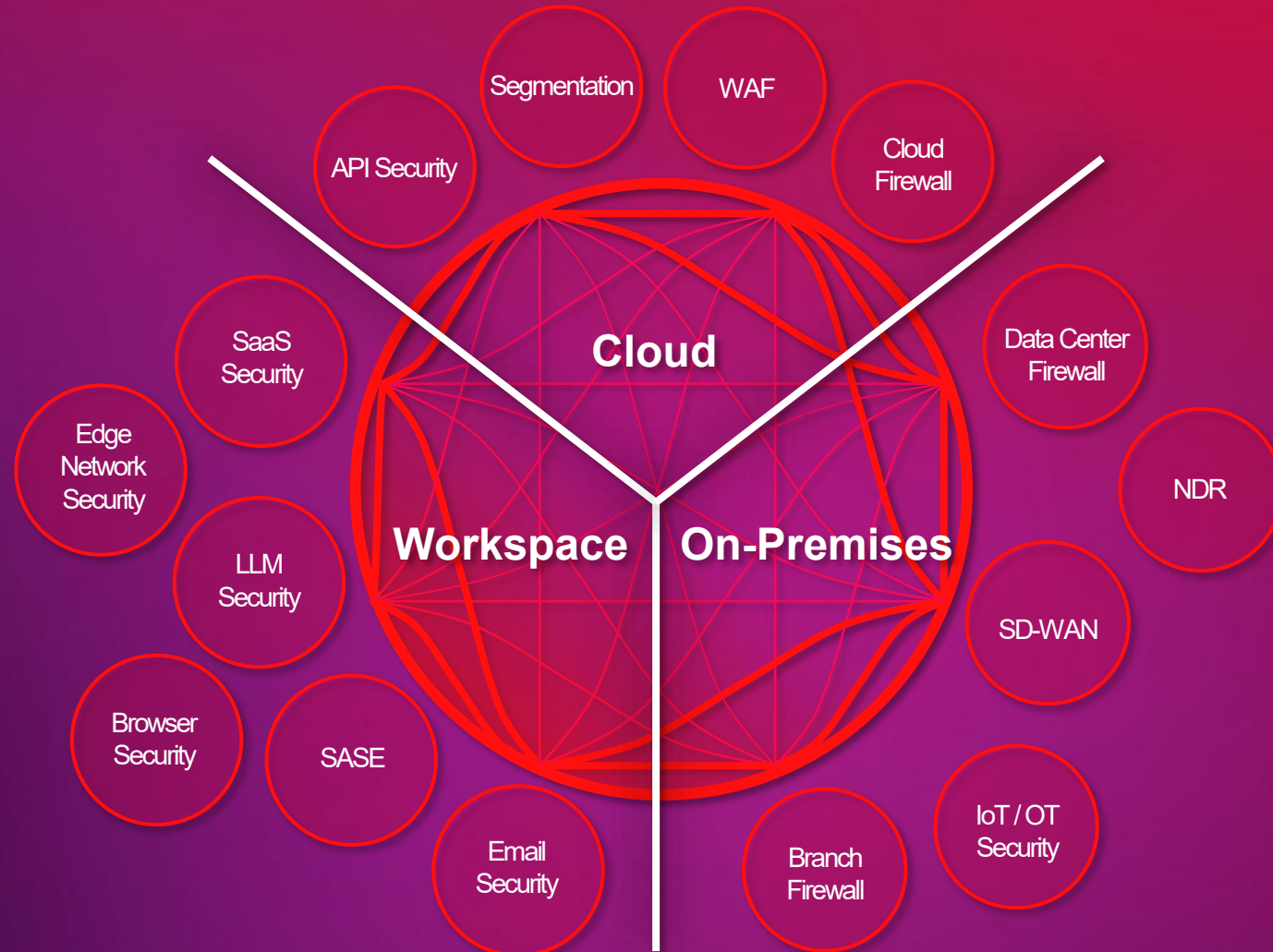
You Need A Different **Architecture**

Challenges with SASE

- **Lacks coverage across critical API, email and collaboration threat vectors**, leaving gaps that firewalls and SASE solutions typically miss (e.g., phishing, BEC, insider threats).
- **No to limited direct, secure integration with cloud collaboration platforms**, leading to higher latency, increased cloud egress costs, and weaker contextual visibility.
- High Cost
- User Experience Challenges | Latency



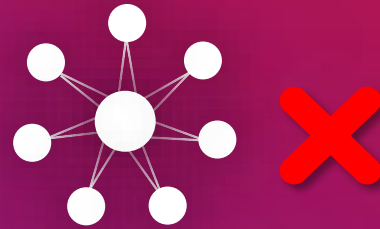
Hybrid Deployments Are the "New" Norm



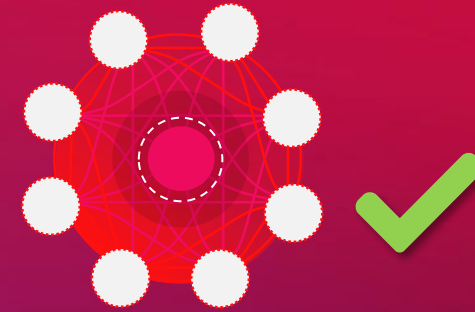
Hybrid Mesh Architecture for Network Security



Optimized for Flexibility, Performance and Cost



Cloud-Only



Hybrid Mesh

Connectivity	Limited	Agile
Hybrid Security	SASE Only	SASE, On-Prem, Cloud, Edge, SaaS
Cloud Cost	High	Low

A REAL Cyber Security Platform



Unified Management



Quantum
On-Premises Security



CloudGuard
Cloud Security



Harmony
Workspace Security

THREATCLUD AI

Collaborative Threat Prevention

Unified Management – Infinity Portal

The Only True
Unified Security
Management

The screenshot displays the Check Point Infinity Portal interface. At the top, the navigation bar includes the Check Point logo, 'Infinity Portal', a user profile dropdown, and a settings gear. Below the navigation bar, the main content area is divided into four columns, each representing a different security management domain:

- INFINITY** (Security Operations and AI):
 - Events
 - Playblocks
 - External Risk Management (New)
 - XDR/XPR
 - MDR/MPR
- QUANTUM** (Secure the Network):
 - Security Management & Smart-1 Cloud
 - Spark Management
 - IoT Protect
 - SD-WAN
- CLOUDGUARD** (Secure the Cloud):
 - Cloud Network Security
 - Cloud Native Application Protection (CNAPP)
 - Code Security
 - WAF - Web Application & API Security
- HARMONY** (Secure the Workspace):
 - SASE - Internet & Private Access (New)
 - Connect
 - Endpoint
 - Mobile
 - Email & Collaboration
 - Browse
 - SaaS

At the bottom of the interface, a large grey banner reads: "Welcome to the Infinity Portal" followed by "Manage all of your security assests from one platform".

7 Cloud
Regions



United States



Canada



UK



Ireland



Australia



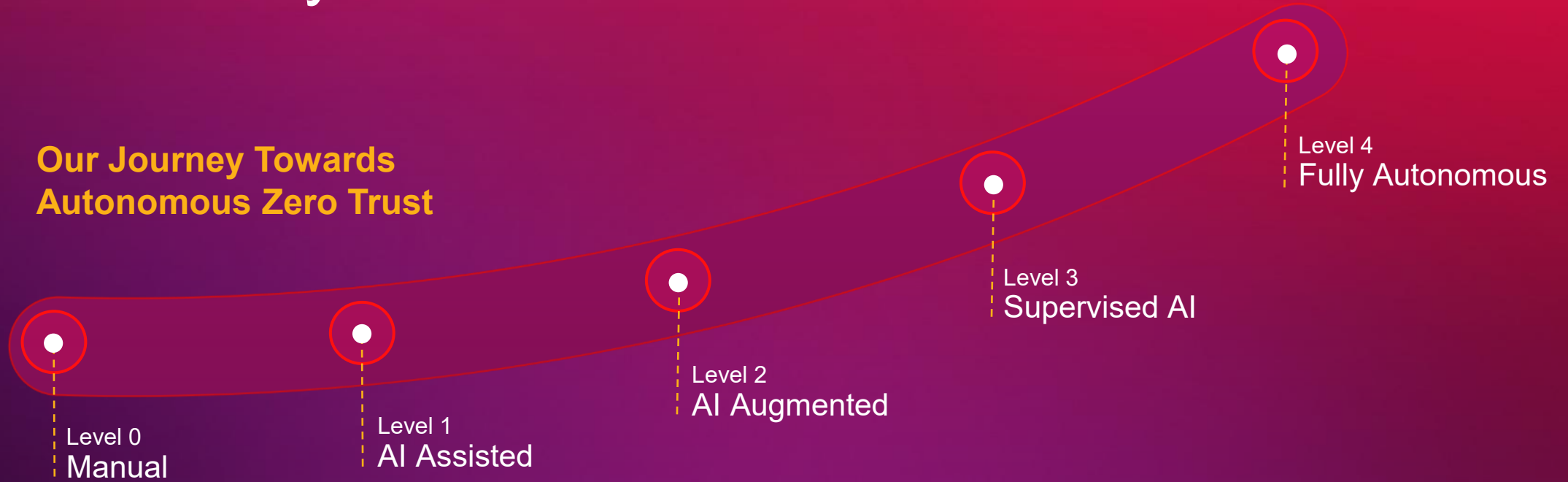
India



UAE

AI for Security

Our Journey Towards Autonomous Zero Trust



ThreatCloud AI- Real Time Prevention

- 95 Engines, 55 of them are AI based
- <2 sec sync to all global enforcement points

AI agents for Security Operations

- Co-Pilot Assistant
- AIOps, Policy Insights & Auditor

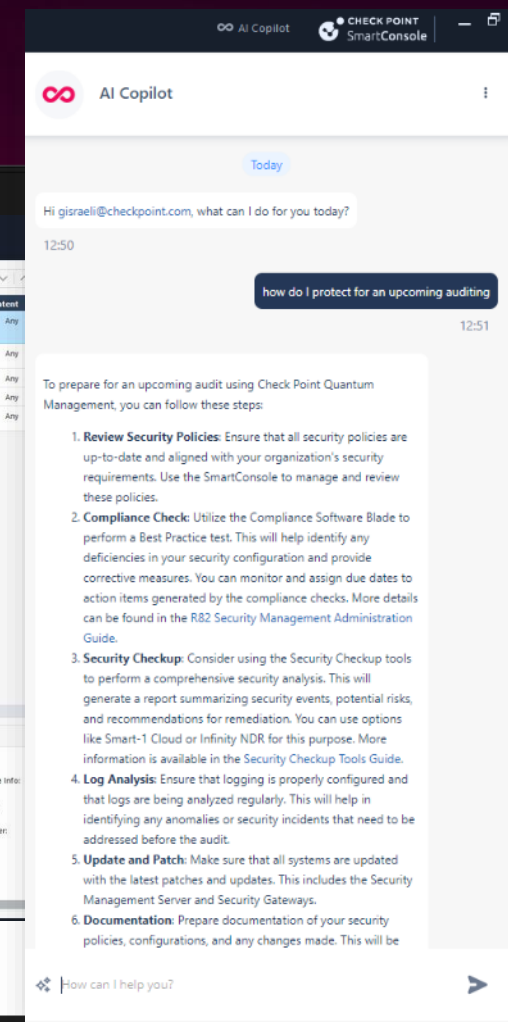
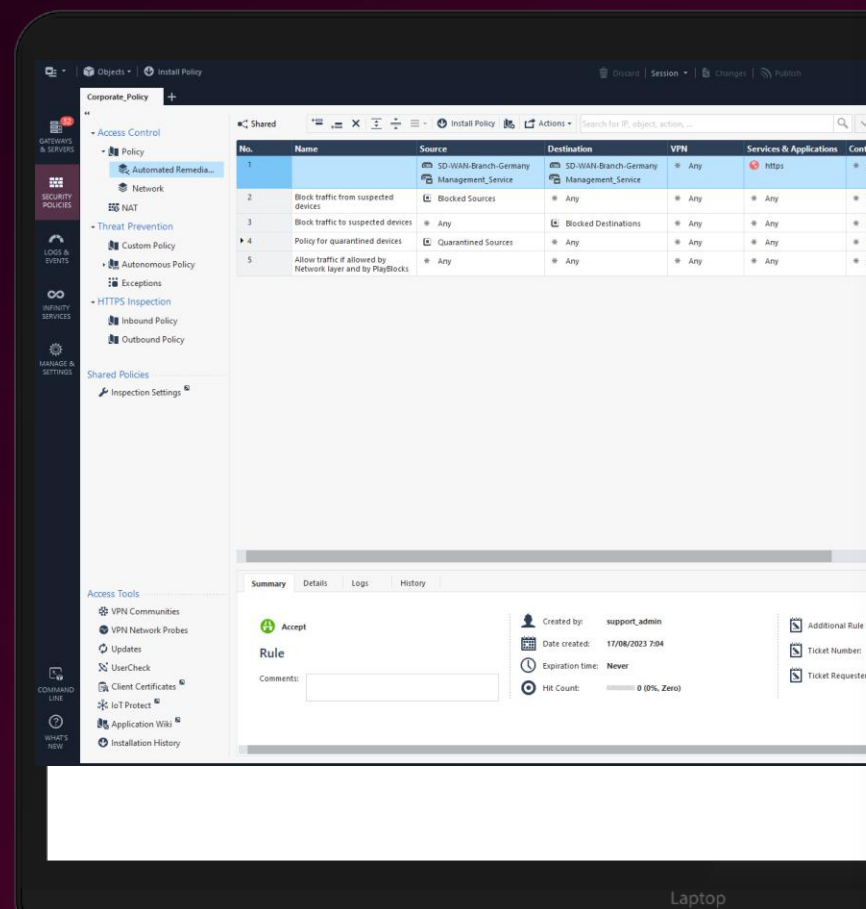
Infinity Copilot

Your AI Assistant for troubleshooting, operations and investigations

AI assistant across
Infinity Products

2025

AI Agents for troubleshooting,
rule editing and policy tightening



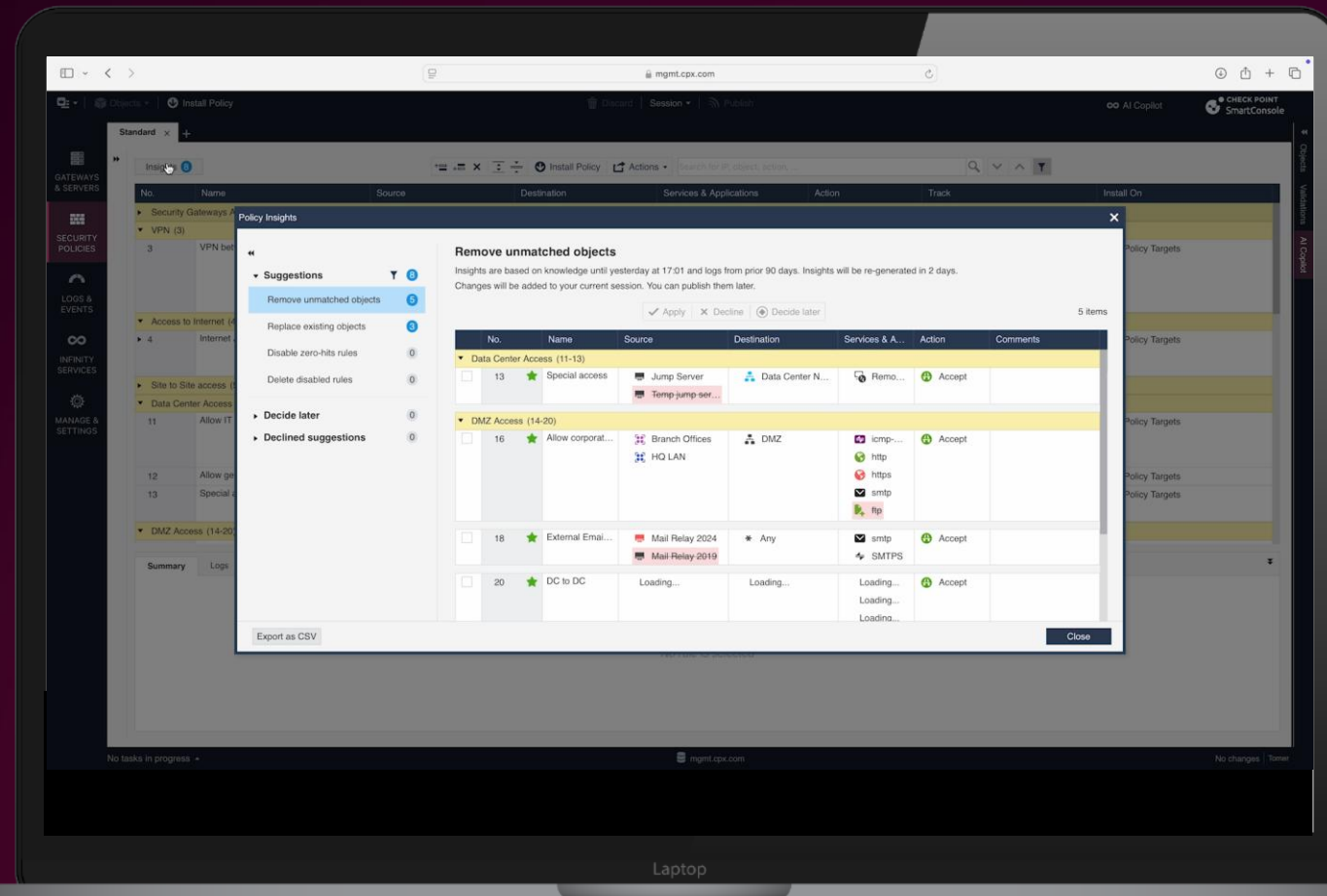
Policy Insights

Optimizing policies to accelerate Zero-Trust adoption

Level 2: AI Augmented

NEW!

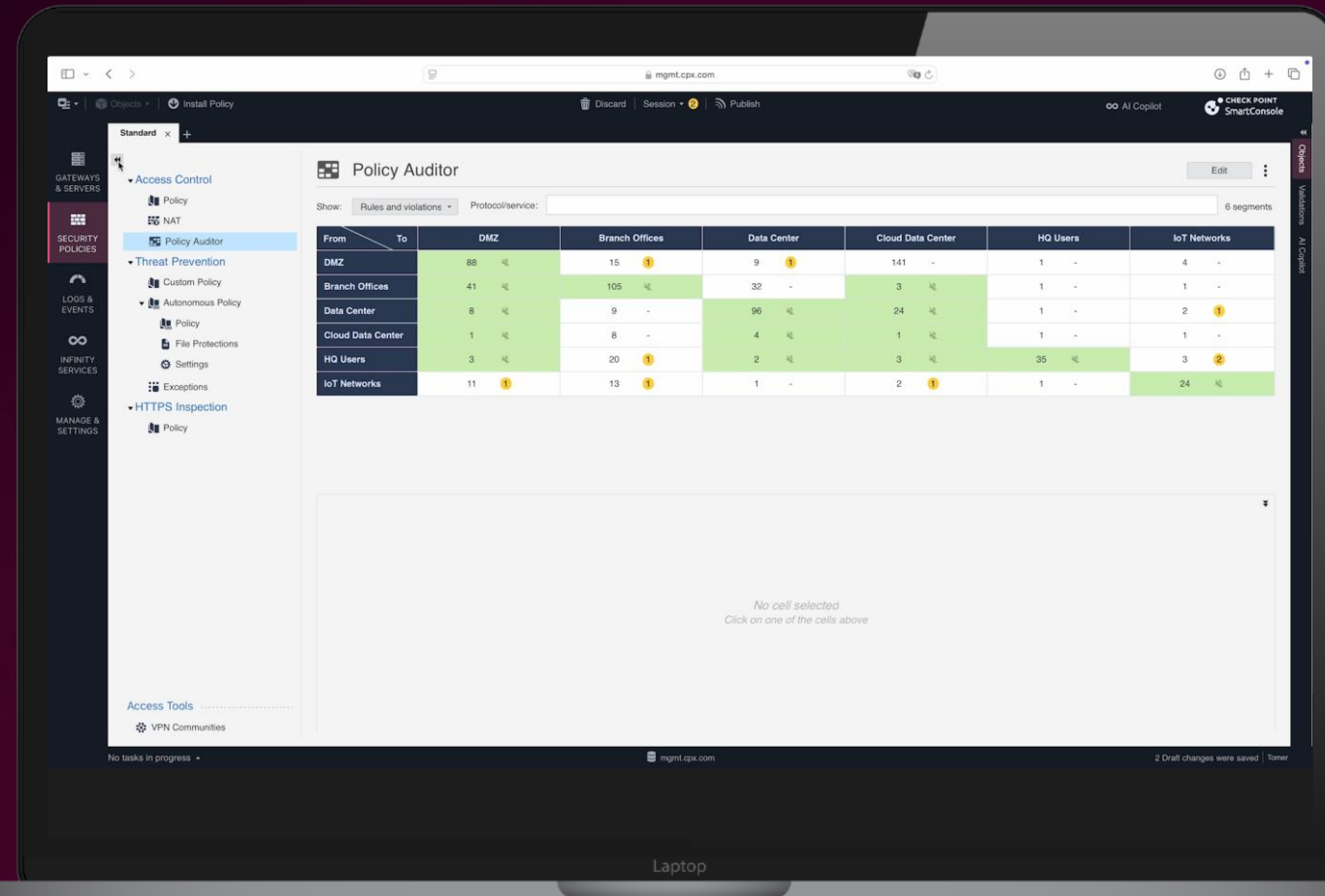
- › Analyze policy, objects and traffic
- › Delete unused objects
- › Tighten over-permissive rules
- › Integrated into R81.20 and above



Policy Auditor

Ensure compliance with organizational security guidelines

- › Align Policies with Security Guidelines
- › Highlight violations and drive mitigation
- › Integrated into R81.20 and above



AI Agents Everywhere

Your New Security Teammates

Level 2: AI Augmented

Assist & Govern

Onboarding Agent

Compliance Audit

Adaptive Data Labeling

Observe & Monitor

Health Watchdog

Dashboard Builder

Policy insights

Detect & Correlate

Behavioral Anomaly

Threat Intel Researcher

Phishing Detection

Respond & Resolve

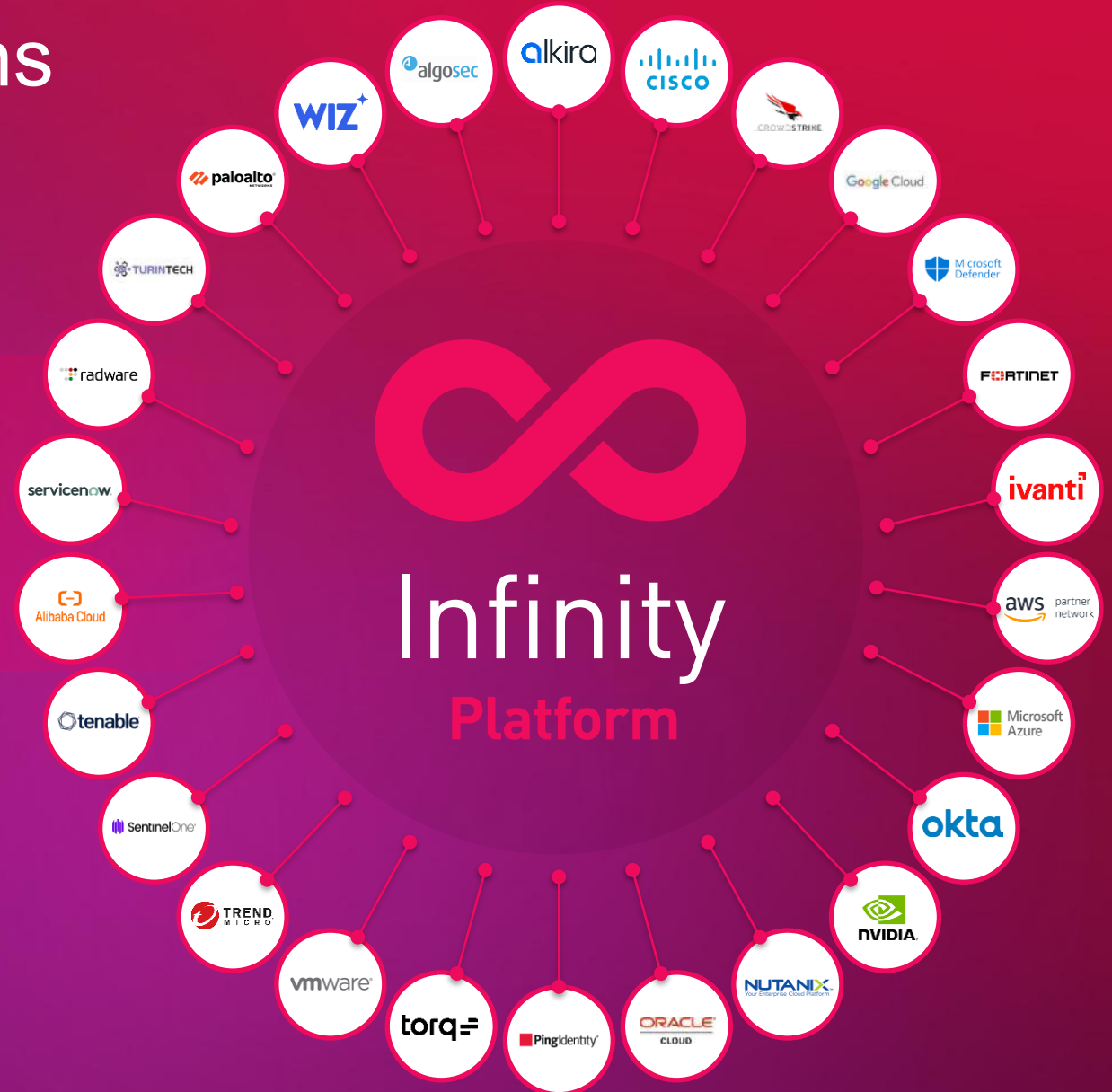
Incident Investigation

Troubleshooting

Enriched Ticketing

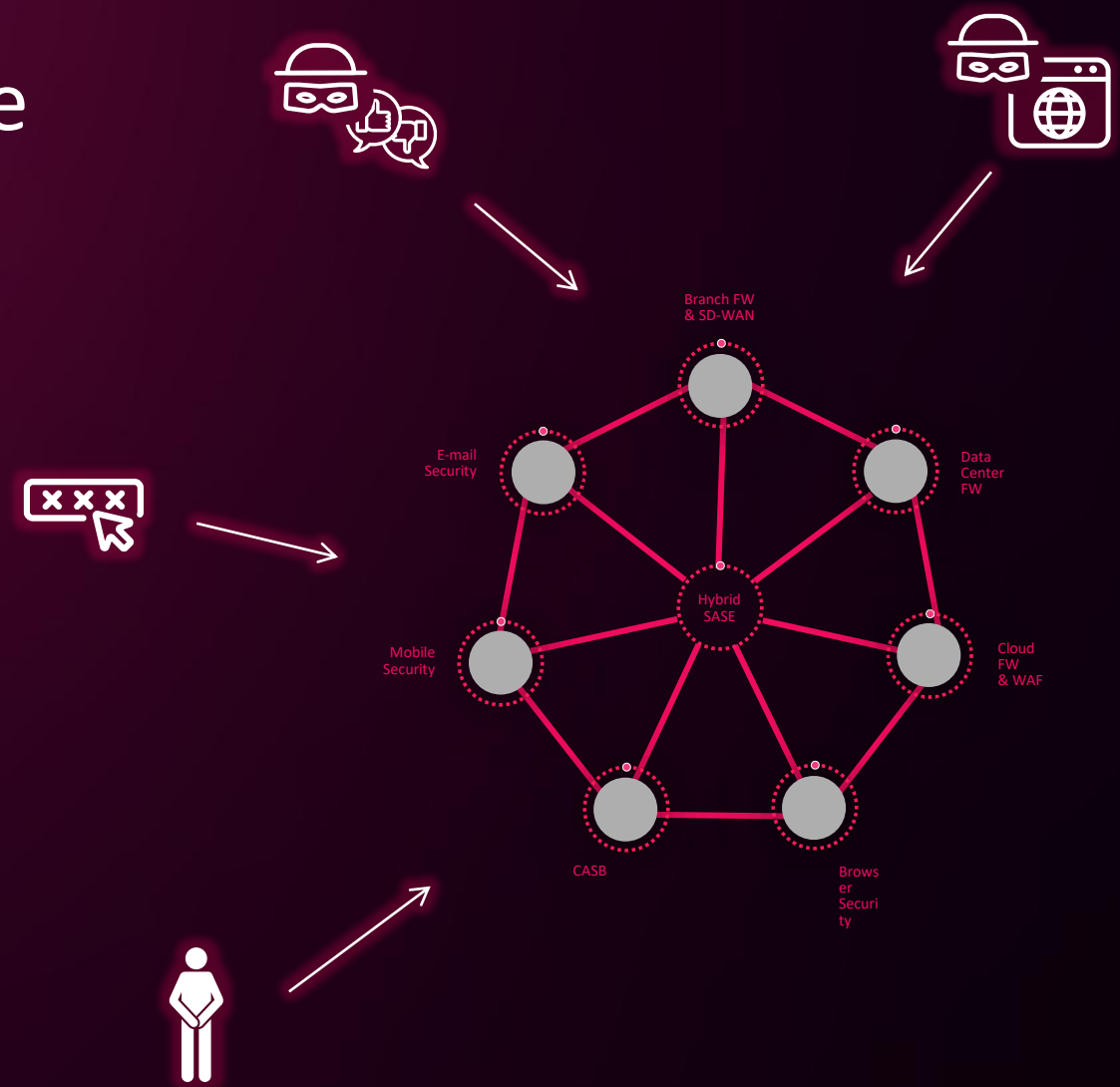
Industry leading Integrations

An “Open
Garden Approach”



In the hyper-connected world your digital assets are even more externally exposed

- Impersonate company website
- Impersonate company social
- Leaked credentials in the dark web
- Your cloud assets are exposed



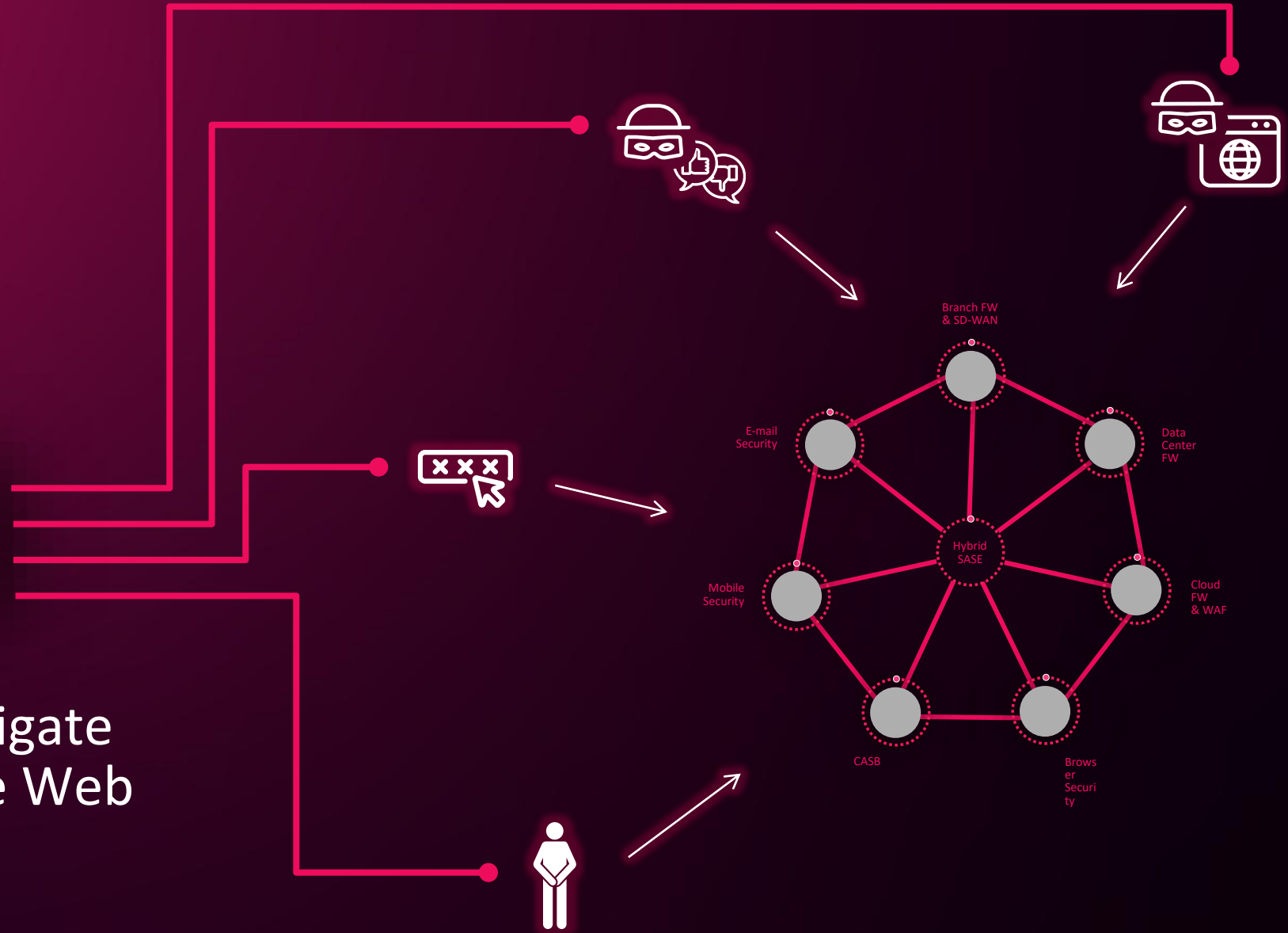


ERM

External Risk
Management

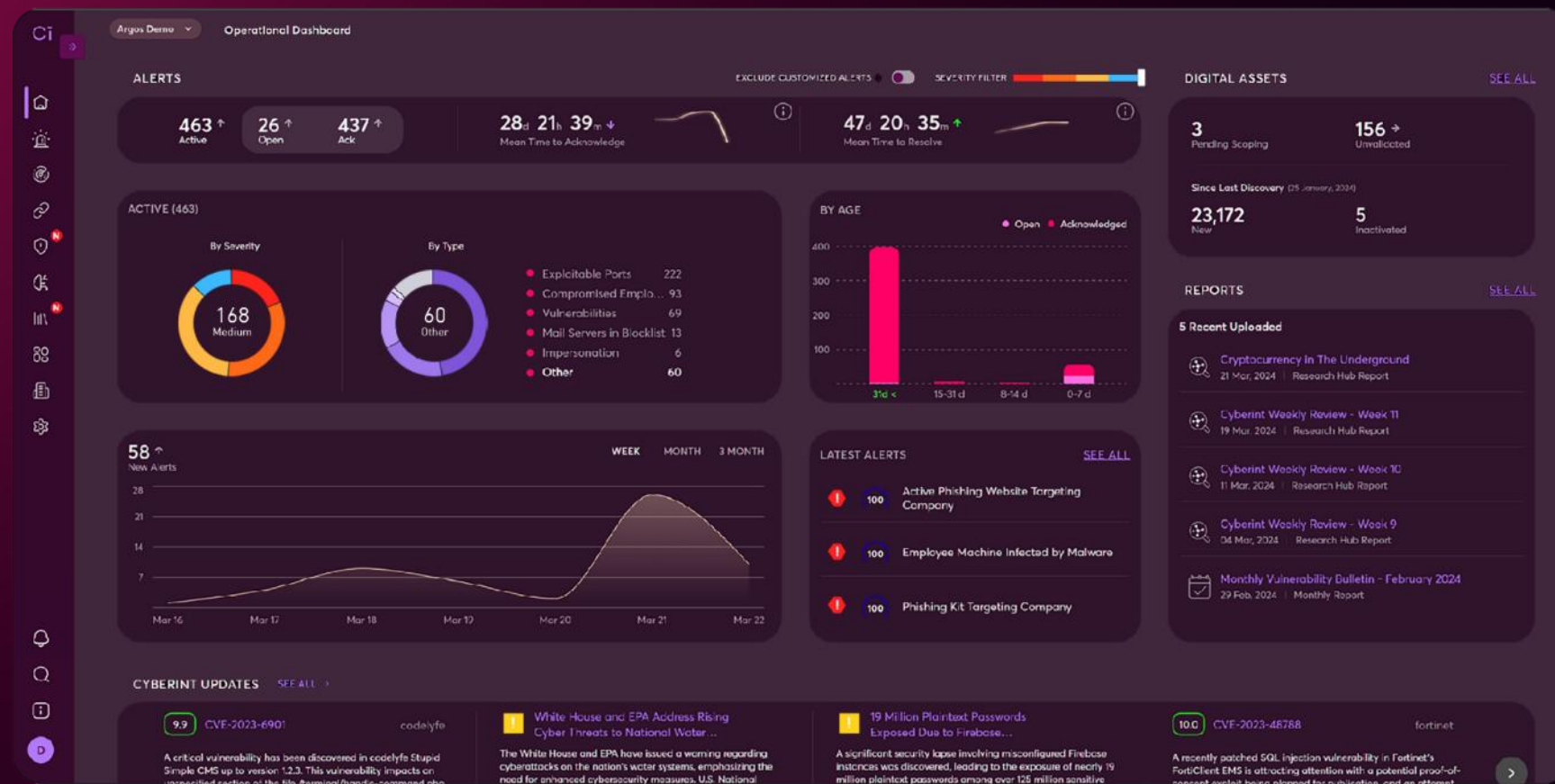


Continuously Mitigate
Threats Across the Web





External Risk Management (ERM)



Engaging with Check Point

In the hyper connected world you need **Experts to support your team**

- Help you to design the secured hybrid mesh solution that fits your organization
- Help you to implement, manage, and continuously monitor





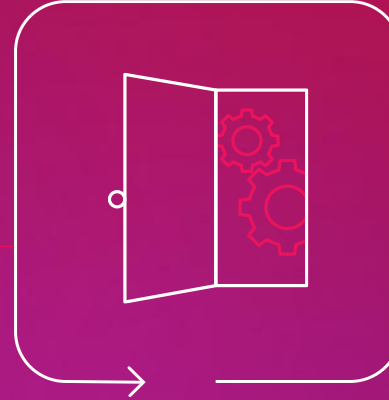
Assess

Cyber Risk Assessment
Compliance
Penetration Testing



Implement

Design
Deployment
Optimize



Managed

Managed SOC
MDR \ MXDR
Managed Firewall



Respond

Incident Response
Digital Forensics
Crisis Management

A REAL Cyber Security Platform



Unified Management



Quantum
On-Premises Security



CloudGuard
Cloud Security



Harmony
Workspace Security



Check Point
Infinity Platform Services

Security Operations and Services

THREATCLOUD AI

Collaborative Threat Prevention



Thank You!

YOU DESERVE THE BEST SECURITY