CHECK POINT™

CONNECTING SECURELY: CYBER SECURITY SOLUTIONS FOR PROTECTING DISTRIBUTED TRAFFIC NETWORK INFRASTRUCTURE

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Lead Security Engineer

YOU DESERVE THE BEST SECURITY

Protecting Critical Infrastructure

WATER & SEWAGE

ELECTRICITY

TRANSPORTATION

CRITICAL MANUFACTURING
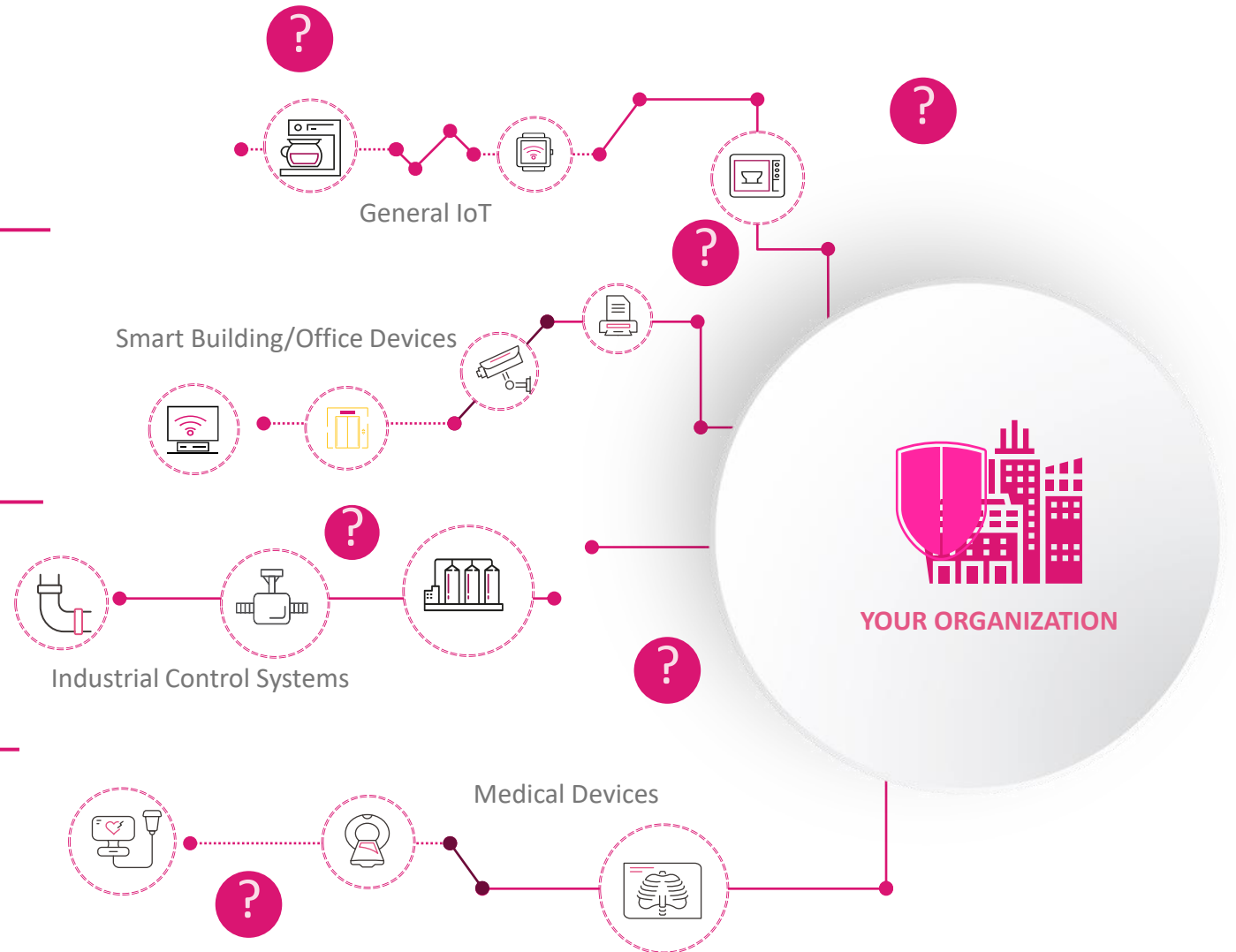
INDUSTRIAL AUTOMATION

OIL & GAS

SMART CITIES

IoT/ICS environments are extremely complex

Many types of devices & vendors

Different protocols and behaviours

Shadow/ Unmanaged Devices

General IoT

Smart Building/Office Devices

Industrial Control Systems

Medical Devices

YOUR ORGANIZATION

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Assets are Inherently Vulnerable

Run on Legacy OS

No Built-in Security

Impossible to Patch

Weak/hardcoded Password

Threat Landscape – Attack Vectors

Spear Phishing

Tailored APT Attacks

Traditional IT Malware

Crypto-Mining

Check Point Industrial Control Systems Security Solution

Quantum Rugged Series Security Gateways
AI-Powered Threat Prevention for OT/ICS/Critical Infrastructure

- Comprehensive Threat Prevention

- Built for ICS/OT/SCADA

- Wired and Wireless 5G, LTE, Wi-Fi

- Rugged by Design for Harsh Environments

New in 2024

1575R
Wi-Fi / LTE

1575R

1595R

1595R 5G

Quantum
Rugged

Maximum Security & Control: ICS & OT Environments
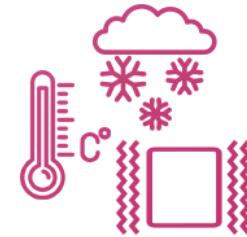## Quantum Rugged 1575R & 1595R

Comprehensive Threat Prevention

- 400 Mbps Threat Prevention
- Deep Visibility & Risk Analysis
- IT-OT Network Segmentation
- Virtual Patching (300+ IPS Signatures)

Built for ICS/OT

- Secure ICS/SCADA Networks
- Support +1,800 Protocols & Commands
- Unified IT-OT Mgmt with Predefined Security Policies
- Zero Touch Deployment

Rugged by Design

- 1U and 2U Solid State appliances
- 5G Connectivity at 1 Gbps (option)
- Wi-Fi & LTE (option)
- Certified: Energy, Industrial, and Maritime
- Dual SIM, eSIM, Fail-Open / Bypass NIC

Today…

Traffic DOUBLES Every 3 years

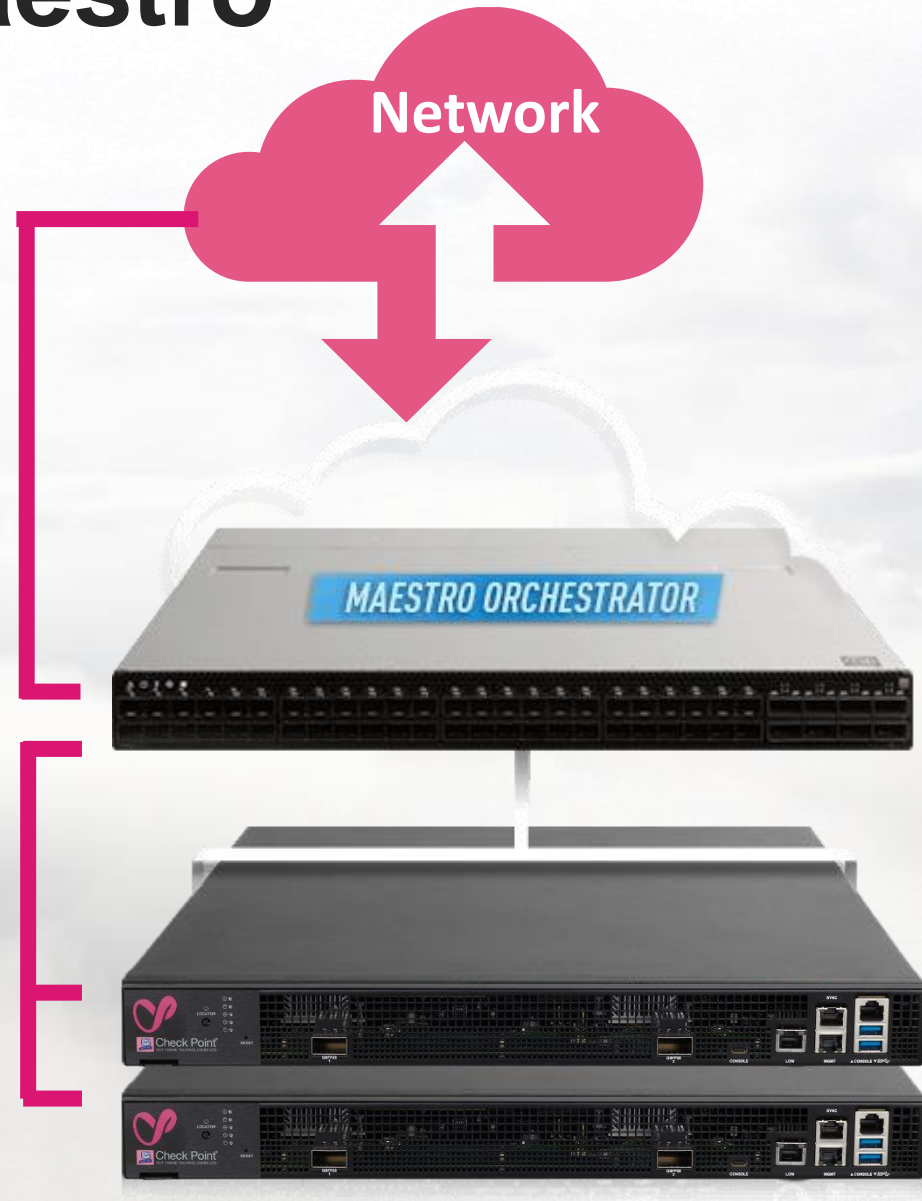Our Networks Grow up to

25%

Year Over Year

Based on Cisco GCI 2016-2021

Introducing...
Check Point Maestro

Scalability has never been so easy!

Quantum

850 Gbps

Up to 52 appliances

M A E S T R O
HYPERSCALE ORCHESTRATOR

16600HS Security Gateway

52.8 Gbps
35.2 Gbps
17.6 Gbps

Threat Prevention

Fully Operational within 6 minutes

Security Groups

Security Group is a set of network interfaces (uplinks) and appliances assigned to a **logical group** forming an **active/active** Cluster segregated from other Security Groups

- Up to **8** Security Groups
- Up to **31** appliances in Group
- Up to **52** appliances per system

Maestro HyperScale Security

Group 1

Group 2

Hybrid is the New Norm

Workloads are spread across
- on prem networks
- public clouds
- private clouds
- distributed branches

Workers are everywhere
- At the office
- On-the-go
- At home

Why? Because each environment has different requirements

Integrates with different systems and controls
IoT, CSPM, SD-WAN

Requires different types of firewalls
e.g. cloud native firewalls, on-prem firewalls etc.

Quantum Force
10 New AI Powered Security Gateways

2X Throughput

29200
63.5 Gbps

29100
47.4 Gbps

19200
36.9 Gbps

19100
28.8 Gbps

9800
20 Gbps

9700
16.6 Gbps

9400
11 Gbps

9300
9 Gbps

9200
6.6 Gbps

9100
5 Gbps

28000
30 Gbps

26000
24 Gbps

16200
15 Gbps

7000
9.5 Gbps

6900
7.4 Gbps

6700
5.8 Gbps

6600
3.7 Gbps

6400
2.5 Gbps

6200
1.8 Gbps
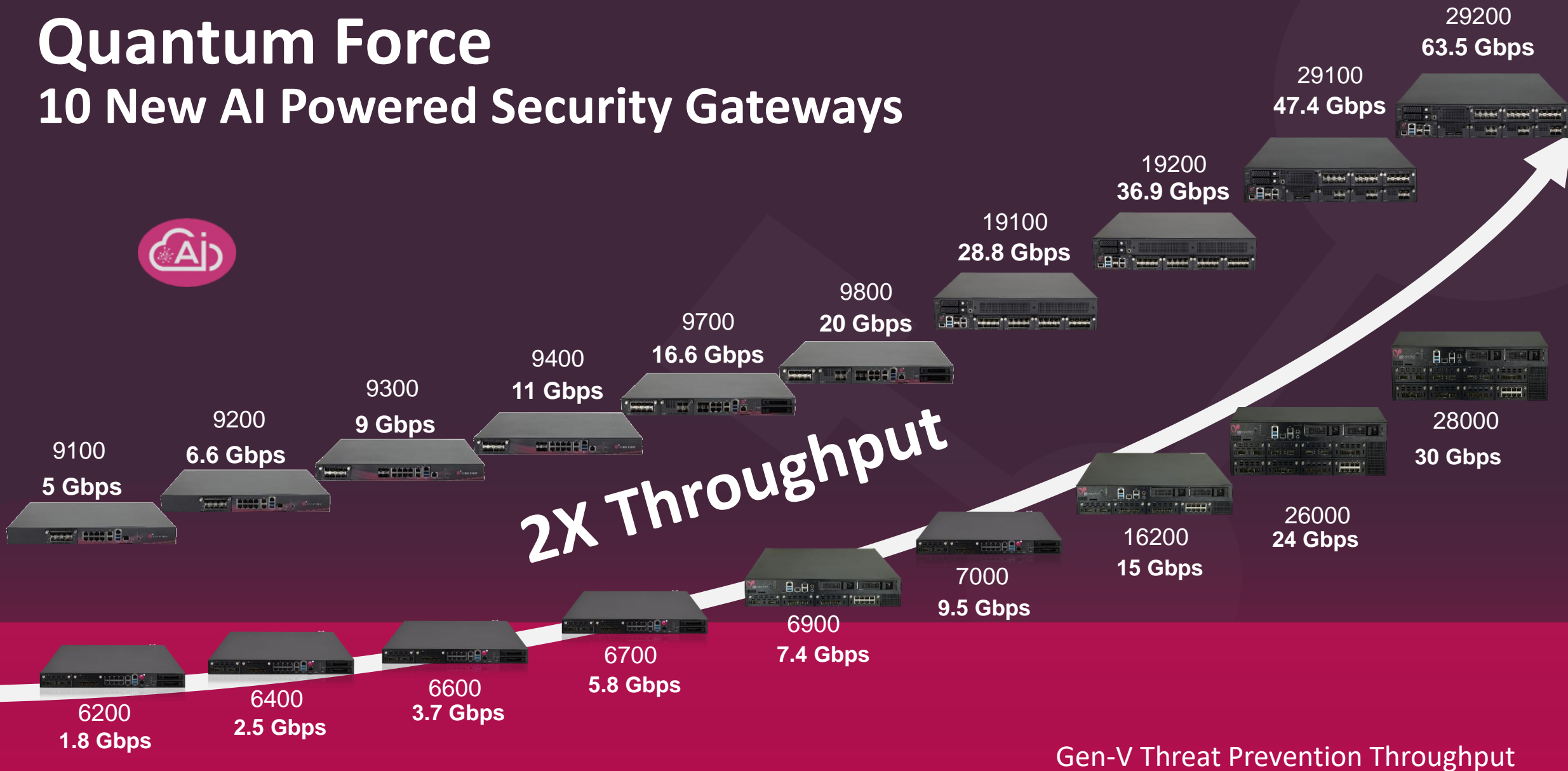
Gen-V Threat Prevention Throughput

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Autonomous Protection for IoT Devices

MAP, ASSESS & PROFILE

AUTONOMOUS ZERO-TRUST NETWORK PROFILES

Accelerate Discovery & Protection - from Months to Minutes!
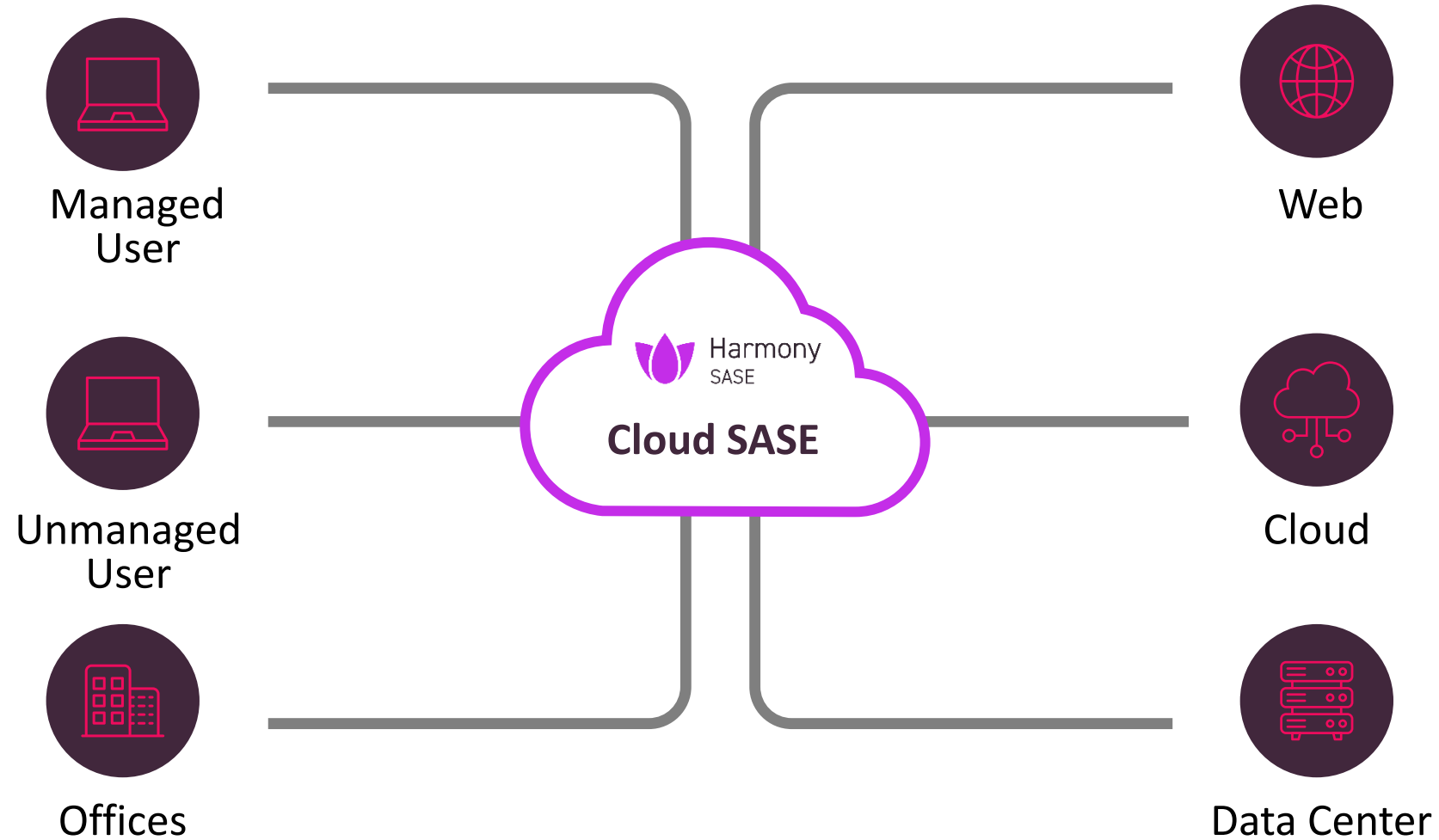
Cloud-Based SASE
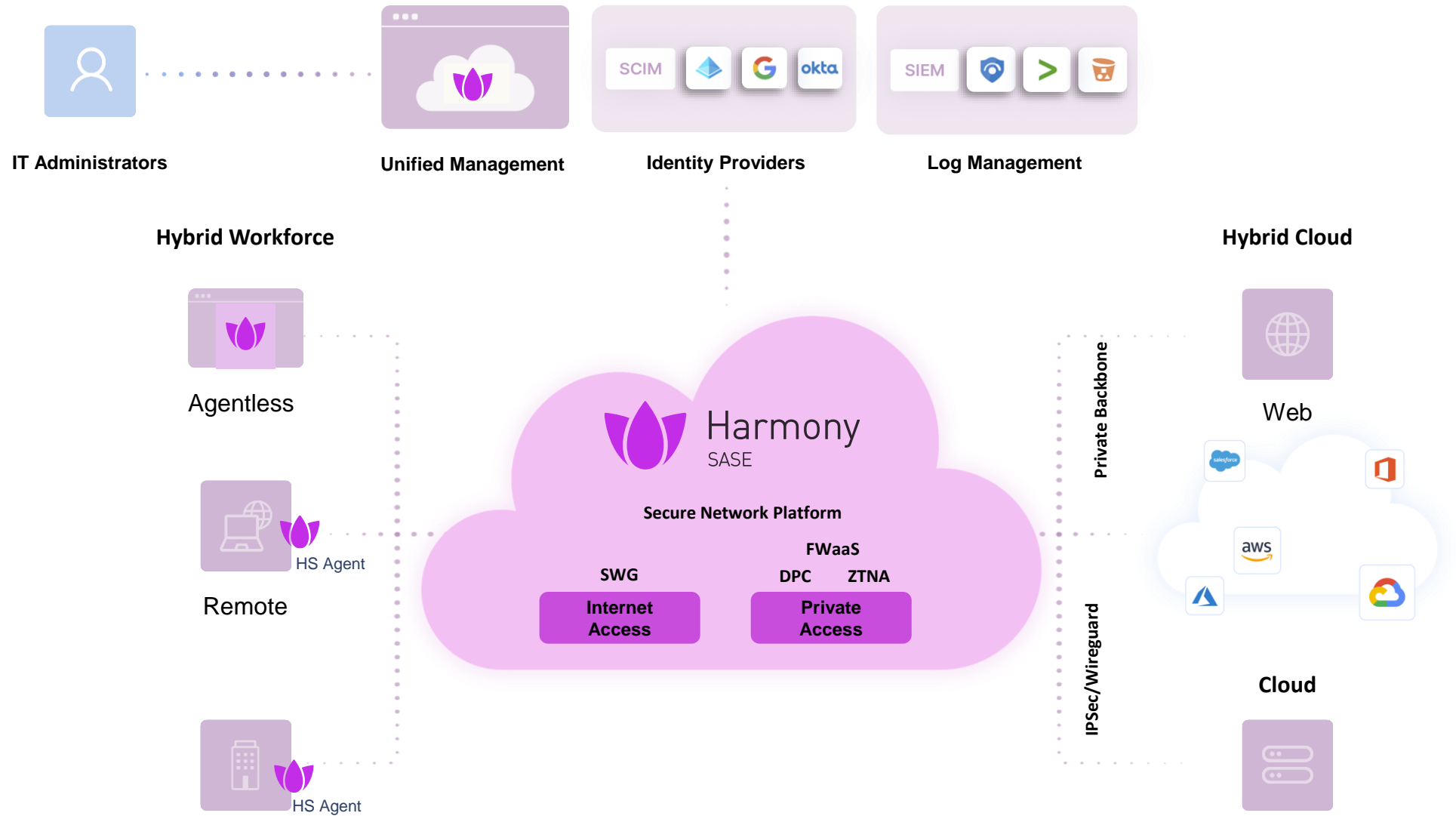
Our Unique Architecture
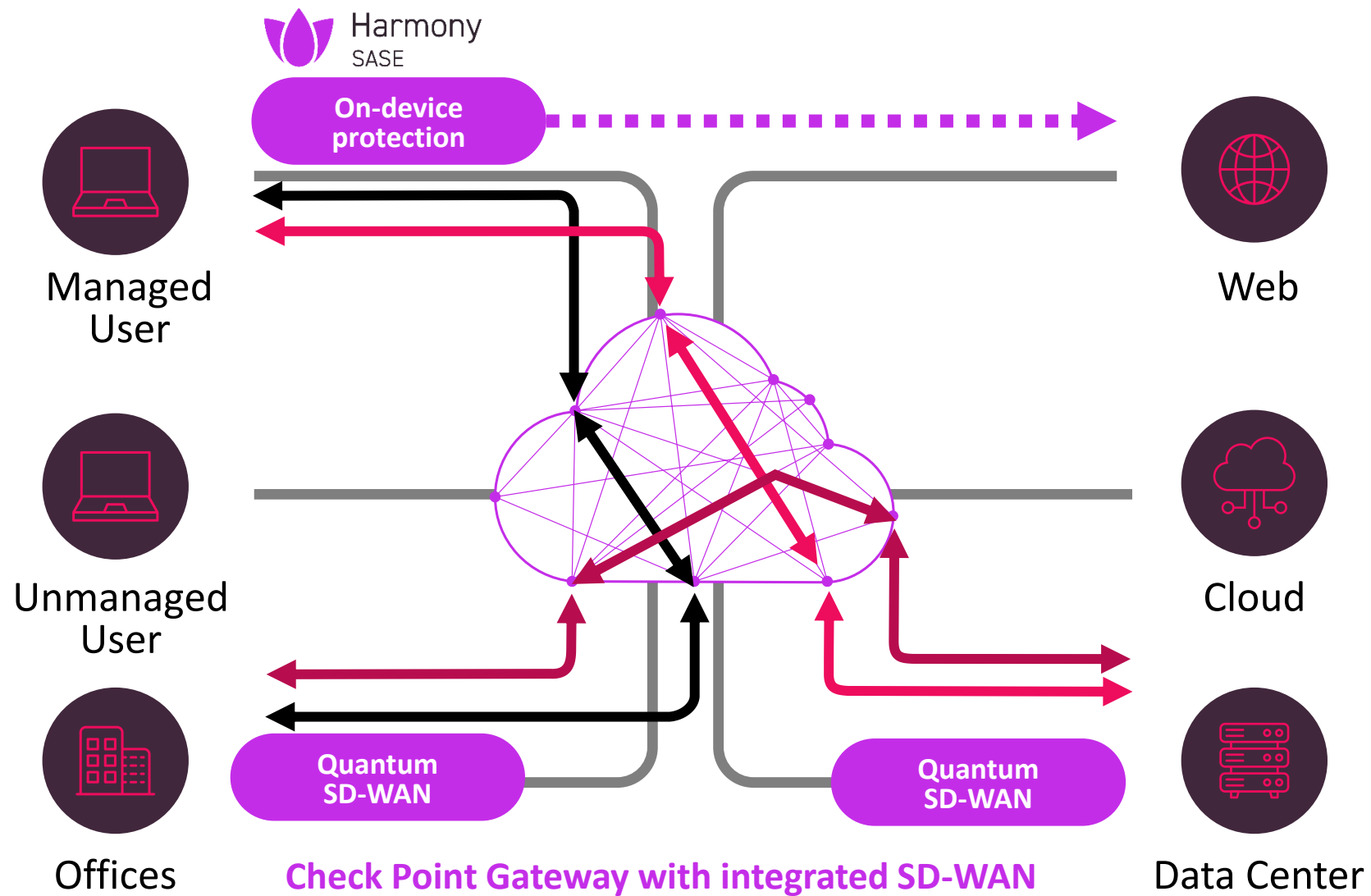
Hybrid SASE With Full Mesh & SD-WAN Connectivity

Give your users the freedom to securely connect from anywhere with Check Point's leading Zero Trust Network Access (ZTNA)

- Secure Access to On-Prem & Cloud
    - All Port & All Protocols (Layer 3 -> 7).
    - All Platforms: Windows, Mac, Linux, Chromebook, iOS & Android
- Agentless access for unmanaged devices (web portal)
    - Web Applications / RDP / SSH / VNC
- Identity centric
    - Integration with all identity providers
    - Modern MFA
- Device Posture Check
- Inventory Management

Remote

Cloud

Private Access

Office

On-prem Datacenter

Private Access

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SD-WAN

Application Prioritization · · · User-based Optimization · · · 10,000+ Apps · · · Optimized Steering
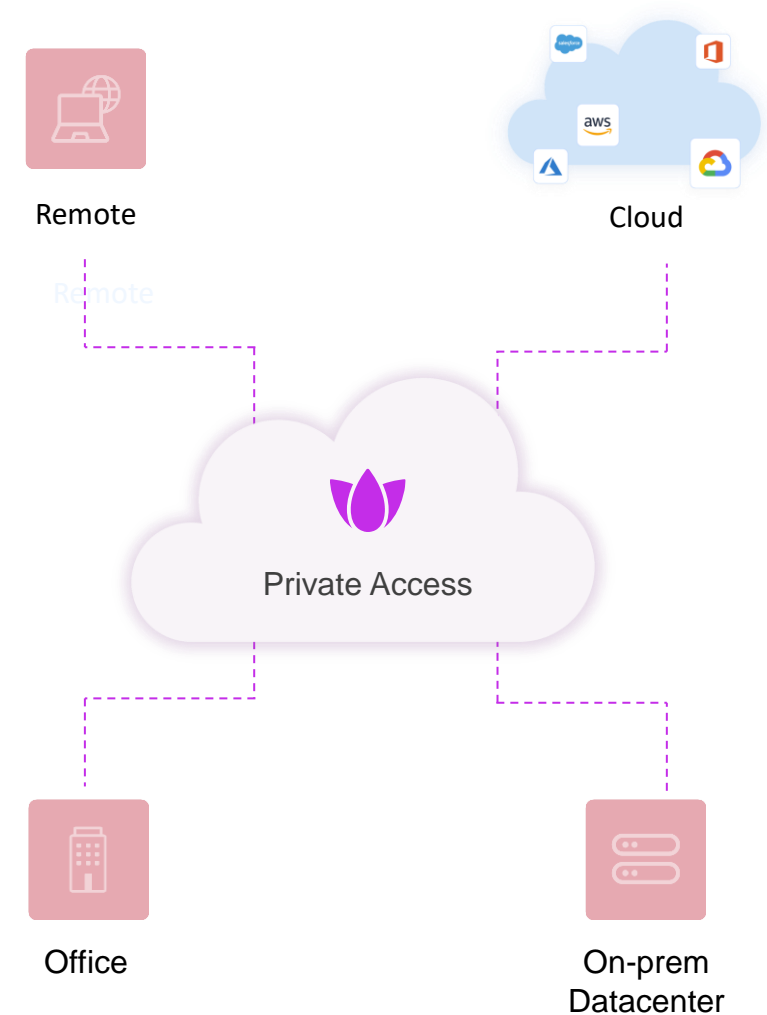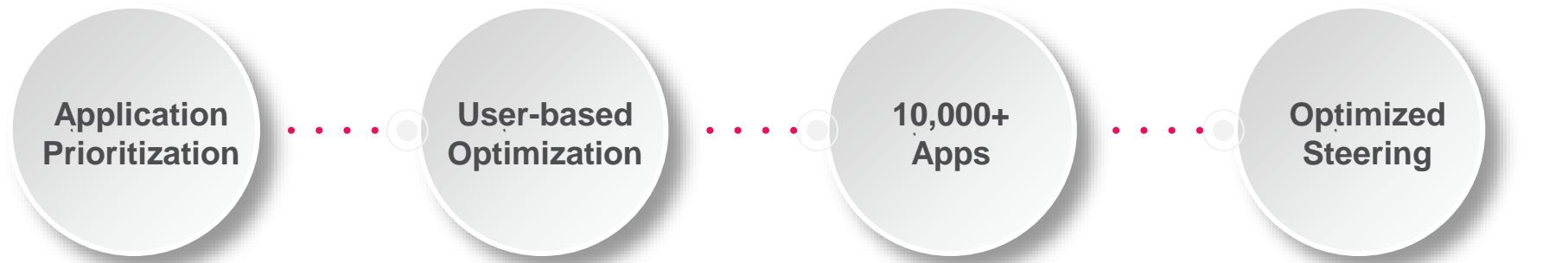
USER, GROUP OR NETWORK · DESTINATION · OVER 10,000 APPLICATIONS · STEERING BEHAVIOR

Name	Source	Destination	Services & Applications	Behavior
Optimized Web Conferencing	Branch +	Internet +	Cisco WebEx Meetings, Microsoft Teams, Zoom, Zoom_Data_8801 +	Uninterrupted Web Conferenc... +
Optimized Help Desk Connectivity	Help Desk +	Branch +	LogMeIn, LogMeIn rescue +	Optimized Help Desk connecti... +

Automated Steering Policies for 10,000+ Applications

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Meet regulatory compliance and industry standards

- **GDPR** - Drive GDPR compliance by encrypting data and ensuring confidentiality, integrity, availability and resiliency of your systems

- **HIPAA** - Keep Protected Health Information (PHI) safe and private with industry leading VPN encryption, advanced Multi-factor Authentication (MFA), and granular access control enforcement.

- **SOC2** - Harmony SASE is SOC2 certified and ensures businesses using our network are protected while their data is traversing and is processed by our services.

- **ISO27001** - Harmony SASE is ISO 27001 compliant which ensures our customers achieve the highest level of data security to protect their business.

Compliance

Check Point's Infinity Platform
AI-Powered, Cloud-Delivered

Data Center
Perimeter
Branch Office

Public Cloud
Private Cloud
Cloud Native

Zero Trust Network Access
Internet Access

Quantum
Security Gateway

CloudGuard
Network

Harmony
SASE

Infinity Core Services

Collaborative Security Operations & Services
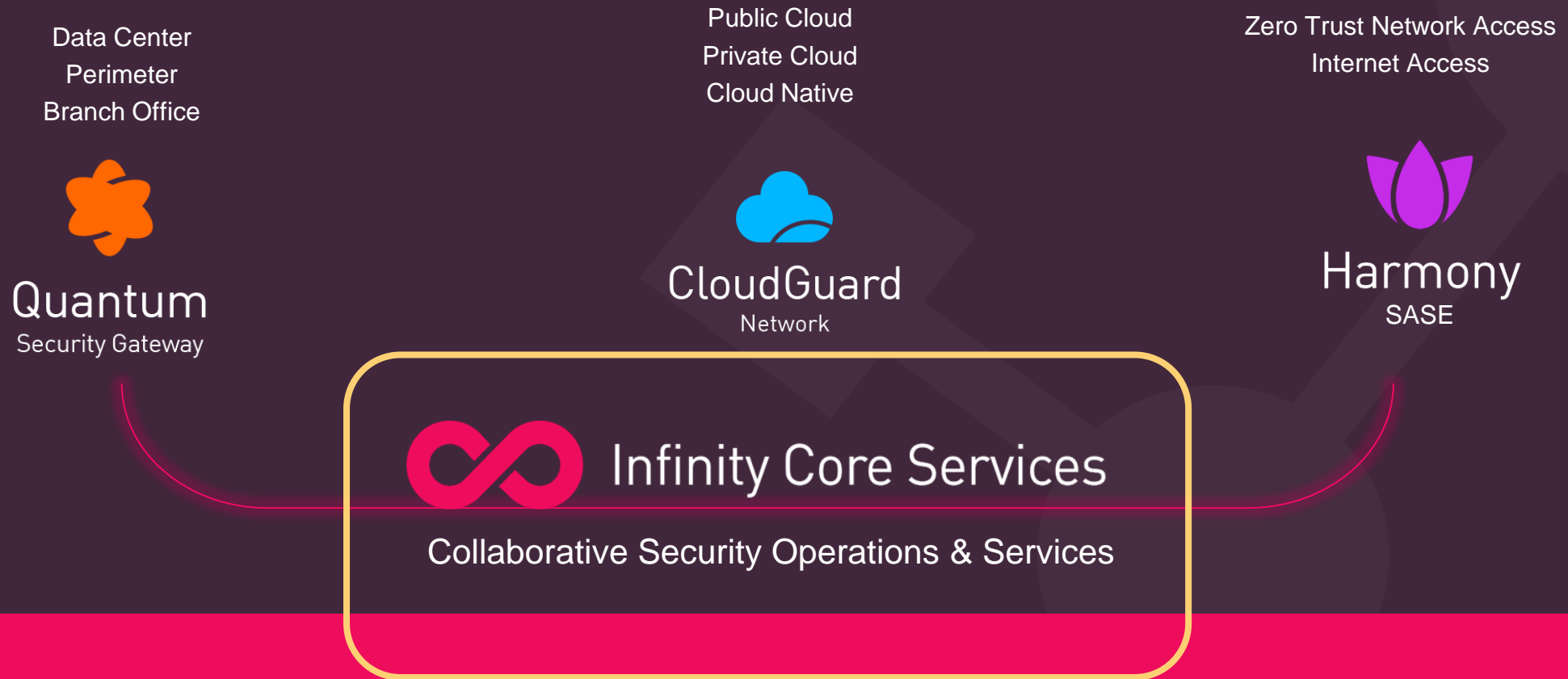
The Firewall is Everywhere
Infinity Platform Supports the Hybrid Mesh Firewall

Infinity Global Services

Building Cyber Resilience

ASSESS   TRANSFORM   MASTER   RESPOND   MANAGE

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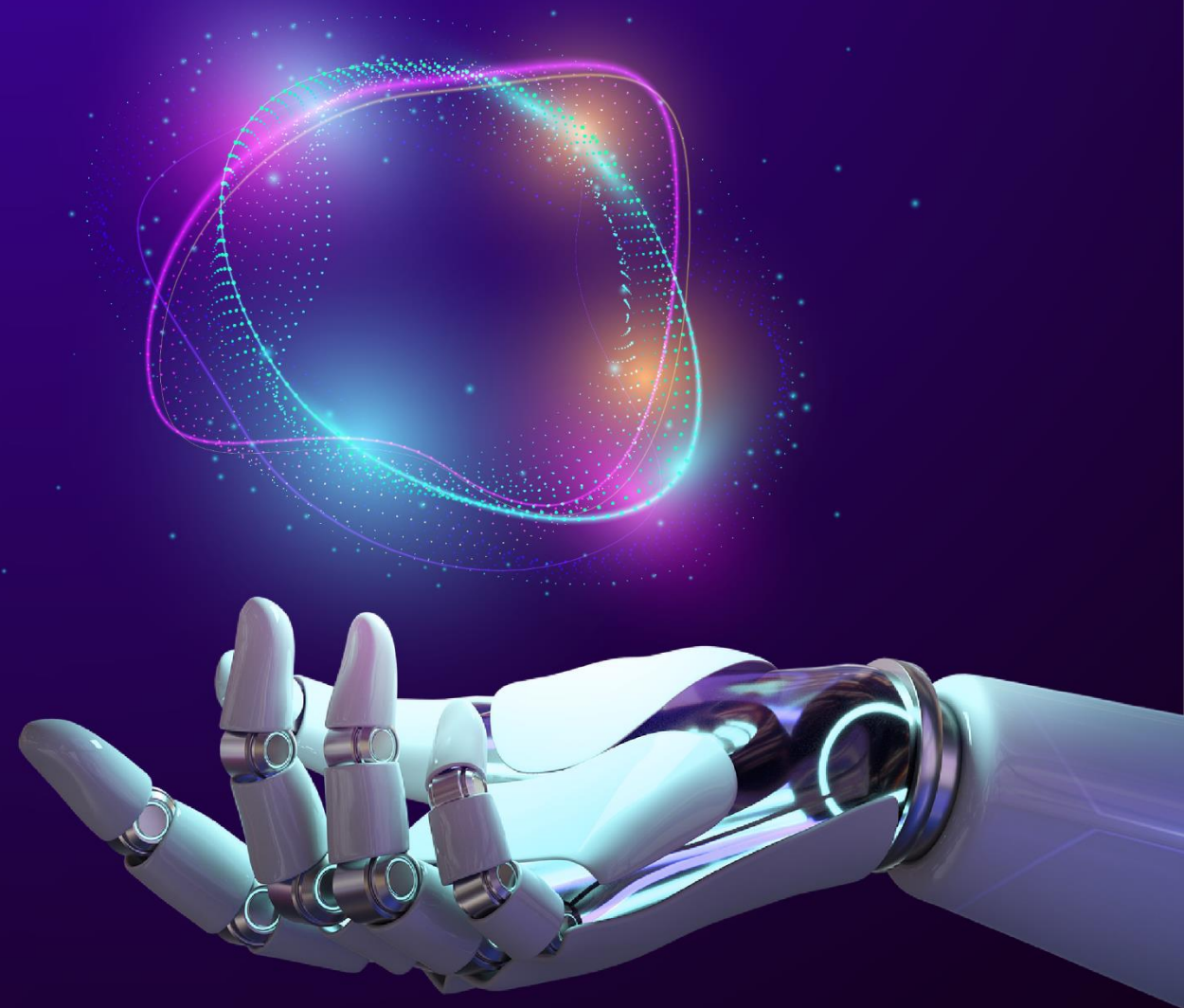
ASSESS   TRANSFORM   MASTER   RESPOND   MANAGE

Introducing:
Infinity Global Services (IGS)

Comprehensive, vendor agnostic cybersecurity services organization that offers Assessments, Consulting, Workforce Development, IR, MDR and Managed Services under one roof.

UNIFYING All CONSULTING AND MANAGED SERVICES ORGANIZATION UNDER ONE ROOF

24/7 REAL-TIME RESPONSE

| Managed Services | MDR | Incident Response | Professional Services | Assessment | Training |

+400
Security Consultants

+150
Security Researchers

Covering
Millions of
assets from Network, Cloud & Endpoints

+150
Certified Trainers

Leveraging
2B
Security Decisions Daily by Threat Cloud AI

100K
Customers

+100
Locations

ASSESS	TRANSFORM	MASTER	RESPOND	MANAGE
Design threat prevention into your defenses with our portfolio of readiness assessment, security blueprint, risk evaluation, policy review and best practices-based services.	Transform your security and extend team capabilities with proactive cyber monitoring, blueprint designs and enhanced defenses that stop threats in real time.	Strengthen team expertise, from security practitioner to CISO, through heightened security awareness, hacking skills, cloud training, and security certifications.	Improve response readiness with services designed to enhance incident response planning, proactively identify vulnerabilities, hunt threats, analyze digital forensics, and facilitate fast recovery.	Leverage state-of-the-art managed network security and cloud services to enhance the proactive capabilities of Network Operations Centers (NOCs), Security Operations Centers (SOCs), and operational teams.
External Attack Surface Assessment	Staff Augmentation / Resident Engineer	Check Point Security Core Certifications	Horizon Managed Detection & Response (MDR)	Managed CSPM and CNAPP
Cyber Security Consulting Services	Optimization and Fine Tuning	Cyber Gaming	Horizon Incident Response	Managed EDR-EPP
Supply Chain Risk Assessment	Complex Project Implementation	CISO Training		Managed Email and Collaboration Security
Threat Intelligence & Brand Reputation	Project Management	Cyber Employee Awareness		Managed Firewall - Solution Brief
Security Controls Gap Analysis (NIST, CIS)	Life Cycle Management	Cybersecurity Hacking Skills		Managed Harmony EDR
Penetration Testing		SecureAcademy		Managed Microsoft 365
Ransomware Readiness Assessment				Managed Mobile Device Security
Breach Readiness Assessment				Managed Network
CISO Advisory Service				Managed SD-WAN and SASE
Automation, PaaC, and DevSecOps Advisory				Managed Servers
Software-Defined Data Center (SDDC / SDN) Advisory & Consulting Services				Managed Workstation and Help Desk
Zero-Trust Advisory & Consulting				Managed XDR
Cloud Security Assessment and Maturity				Vulnerability Management and Reporting
Cyber Risk Assessment				
NIS2 / DORA Readiness Assessment				
OT / IoT Assessment				
Security Architecture Review				
Control-Based Assessment – NIST CSF, NIST 800-53, & CIS Benchmarking				
Cyber Security Mesh Architecture (CSMA) Assessment and Consulting				
SOC Readiness and Transformation				
Zero Trust Maturity Assessment				

THANK YOU

STAY
SAFE

AND

TRUST
NO ONE *or Anything*