

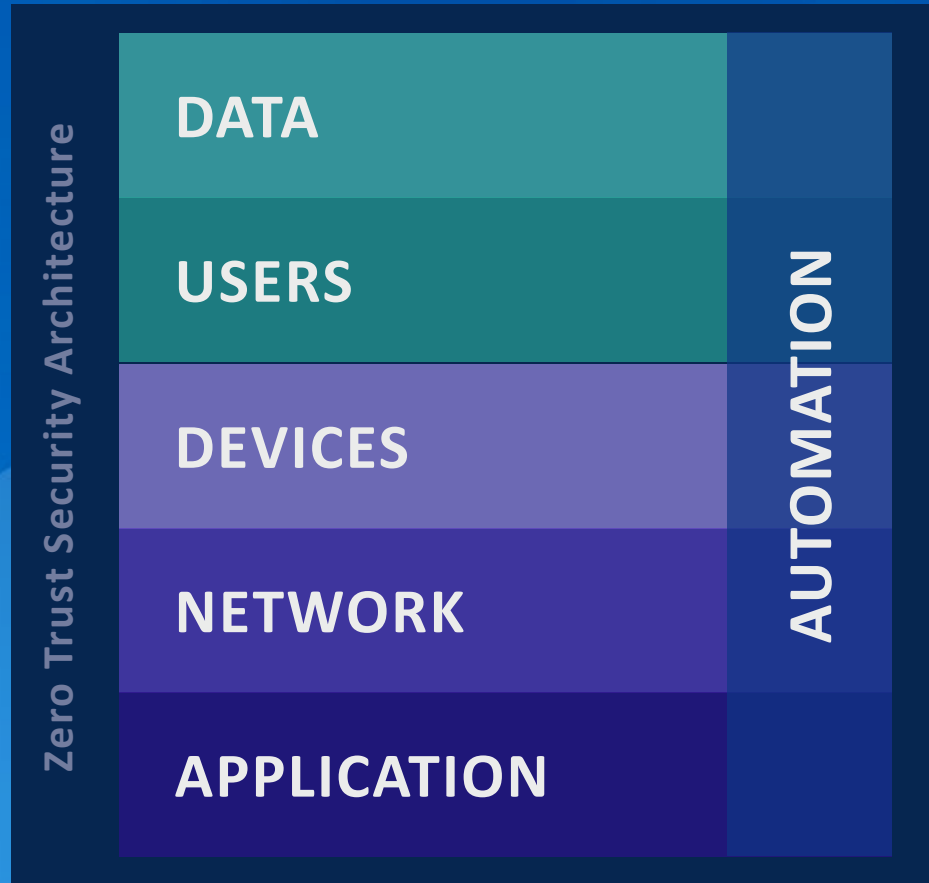
CHECK POINT

Security Automated Everywhere

Eusebio Nieva
SE Manager for Iberia
Office of the CTO

Pillars of Zero Trust Architecture(ZTA)

WWT GLOBAL SECURITY



HIGH LEVEL DATA POINTS

- There are technical controls that exist across every pillar.

This is why Zero Trust will never be a single product

- There is a significant amount of pre-requisites that have to be done to prepare organizations for this journey.

Ex. User Personas, Data Classification, Application Dependency Mapping, etc.

- There is also a maturity curve to building out a Zero Trust Architecture.

The maturity rating is capability driven based on the organization use case.

- Cloud adoption & mobility will affect the speed, risk & use cases to justify adopting a Zero Trust framework.

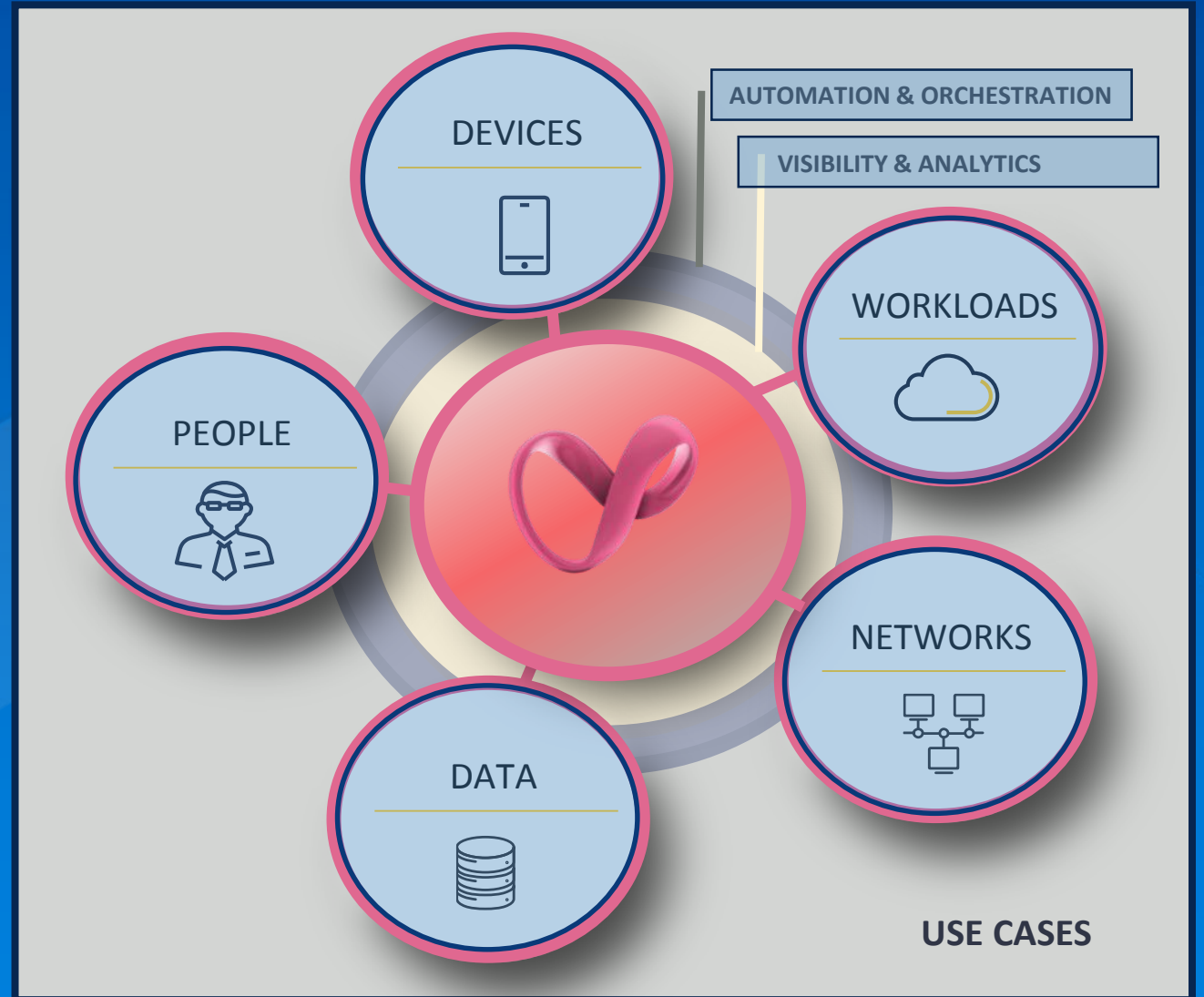
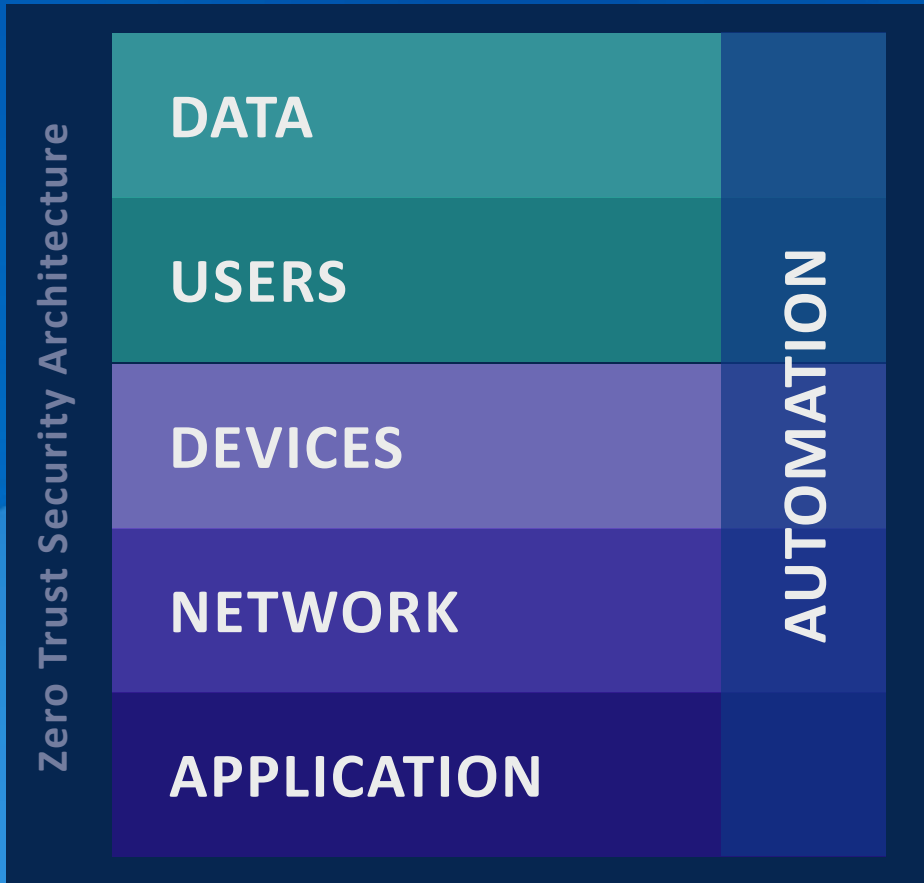
Get engaged early to better understand your current risk and level of effort begin evaluating Zero Trust

- Zero Trust can be expansive in scope and high in complexity

- Start with a Minimal Valuable Scope (MVS)

Zero Trust Map

WWT GLOBAL SECURITY



ZERO TRUST IMPLEMENTATION USE CASE



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Public / Presentation Tier
Application Tier
Data Processing Tier

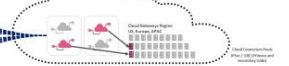
Check Point SandBlast
S3 & Blob Threat Extraction

Cloud Security Services

Zero-Touch Deployment

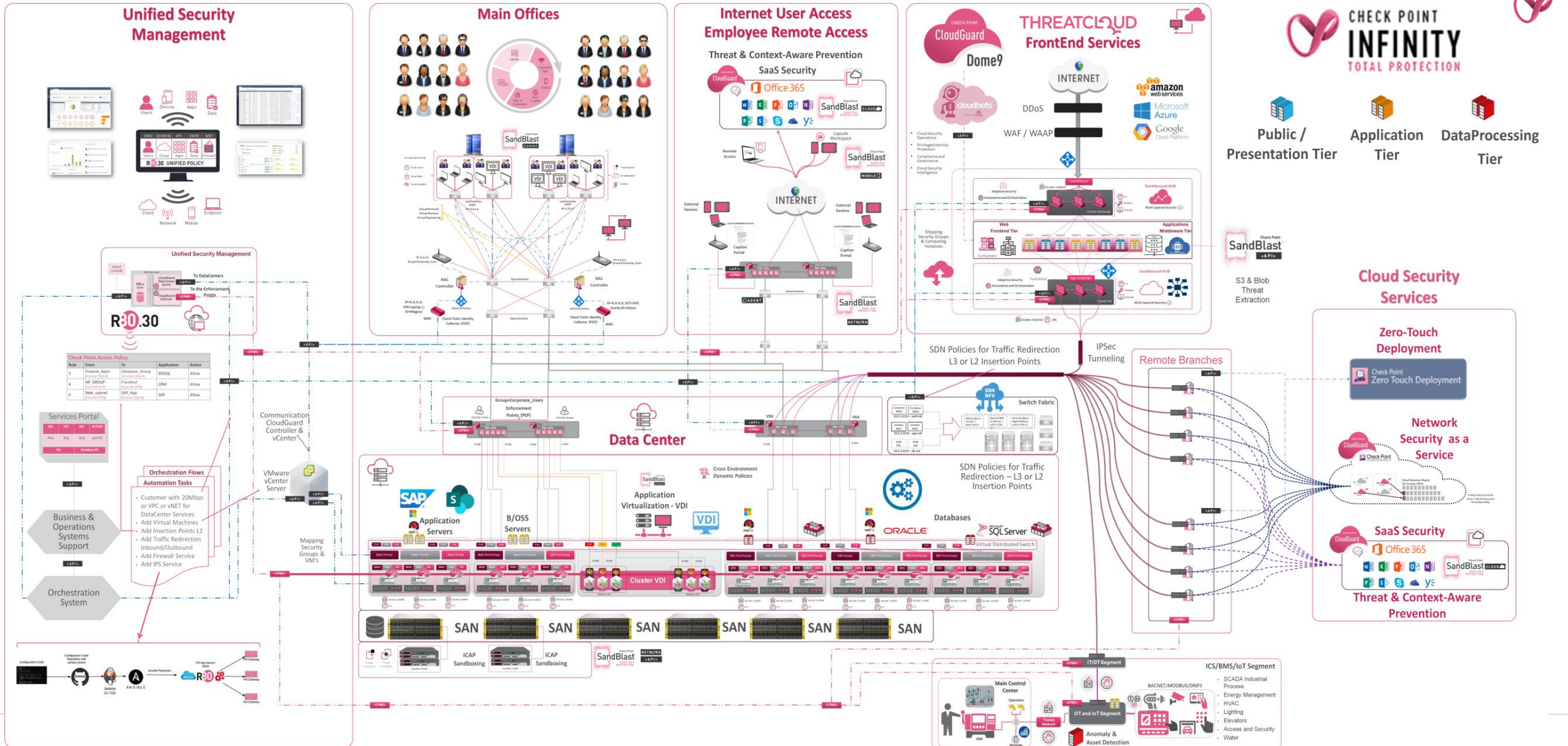
Check Point Zero Touch Deployment

Network Security as a Service



SaaS Security

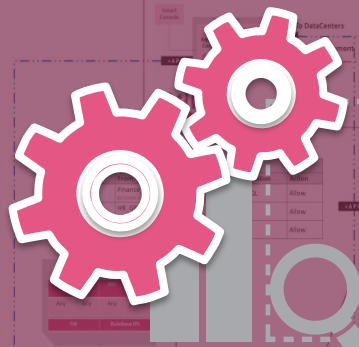
Office 365
Threat & Context-Aware Prevention



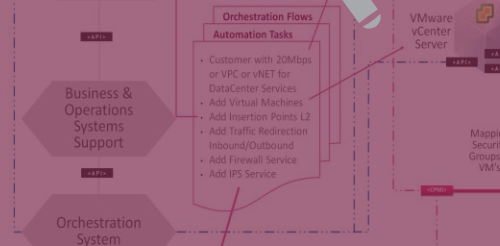
Unified Security Management



Analytics & Visibility

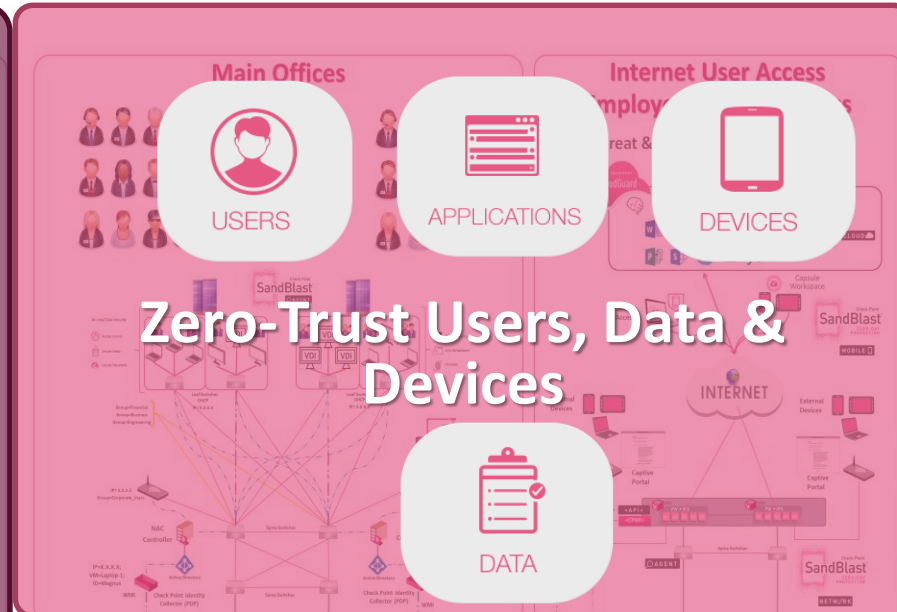


Automation & Orchestration



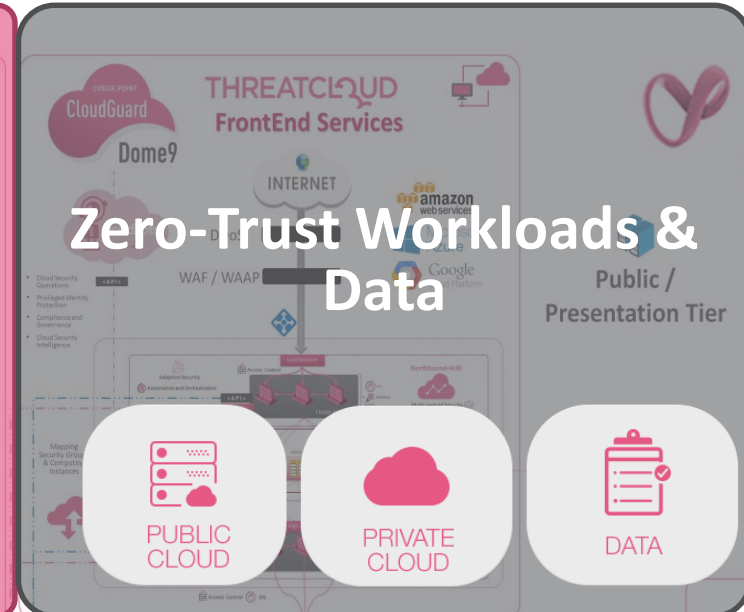
WELCOME TO THE FUTURE OF CYBER SECURITY

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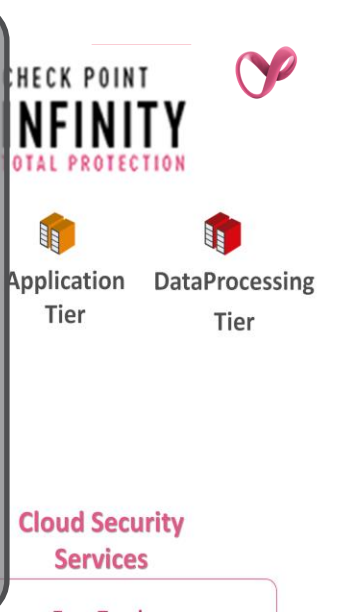
Zero-Trust Users, Data & Devices

DATA icon



Zero-Trust Workloads & Data

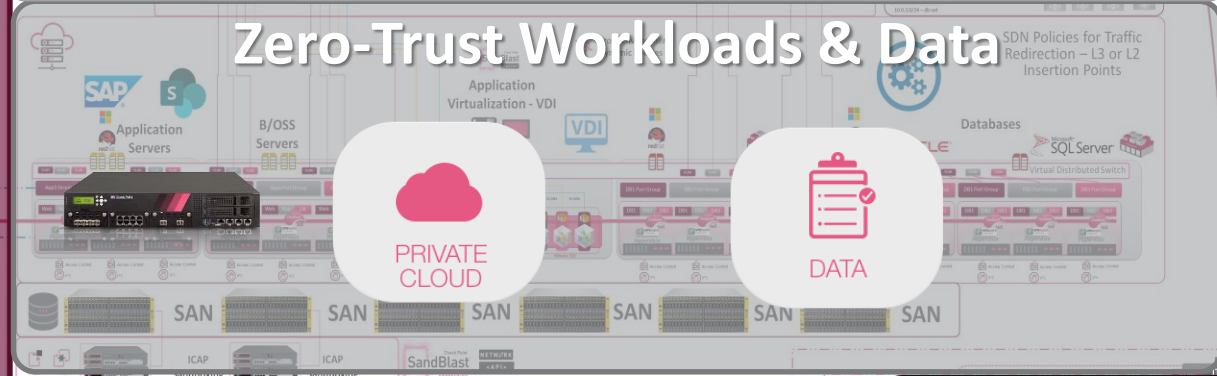
PUBLIC CLOUD, PRIVATE CLOUD, DATA icons



Cloud Security Services

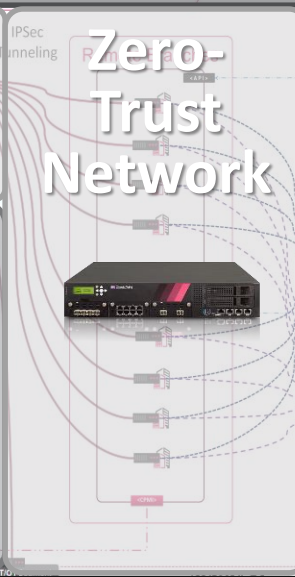


Zero-Trust Network



Zero-Trust Workloads & Data

PRIVATE CLOUD, DATA icons

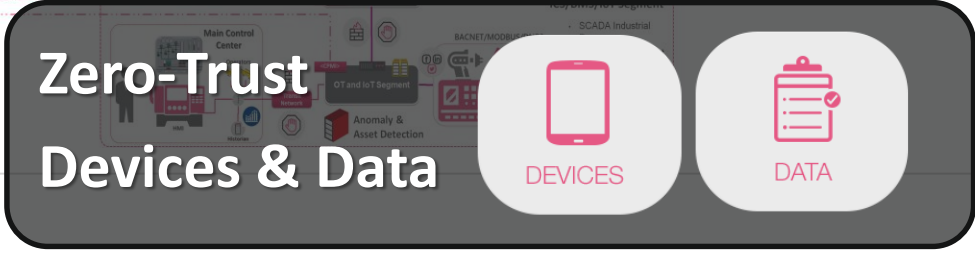


Zero-Trust Network



Zero-Trust Users, Data & Devices

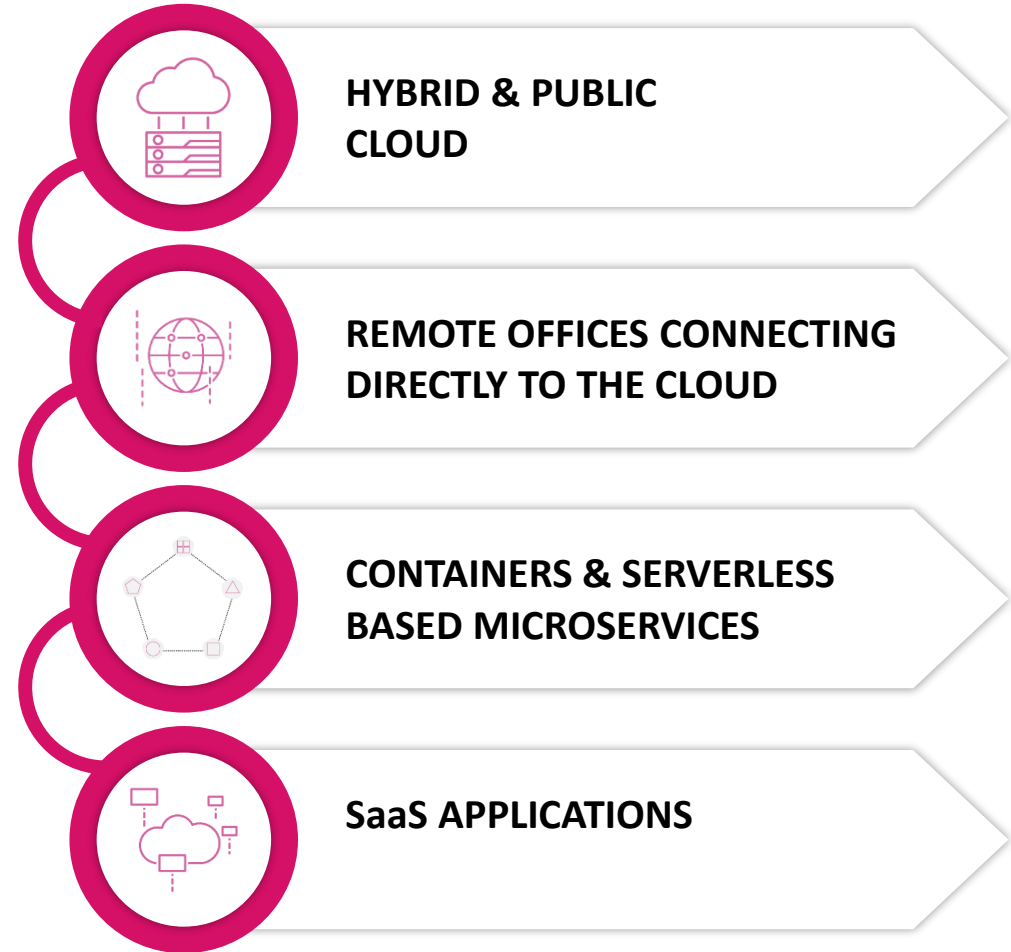
USERS, DATA icons



Zero-Trust Devices & Data

DEVICES, DATA icons

YOUR DATACENTER & APPS ARE NOW *EVERYWHERE*



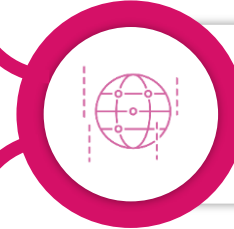
YOUR DATACENTER & APPS ARE NOW *EVERYWHERE*



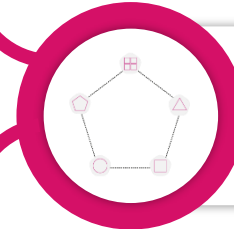
**FROM SLOW
RELEASE CYCLES –
TO DEVOPS SPEED**



**HYBRID & PUBLIC
CLOUD**



**REMOTE OFFICES CONNECTING
DIRECTLY TO THE CLOUD**

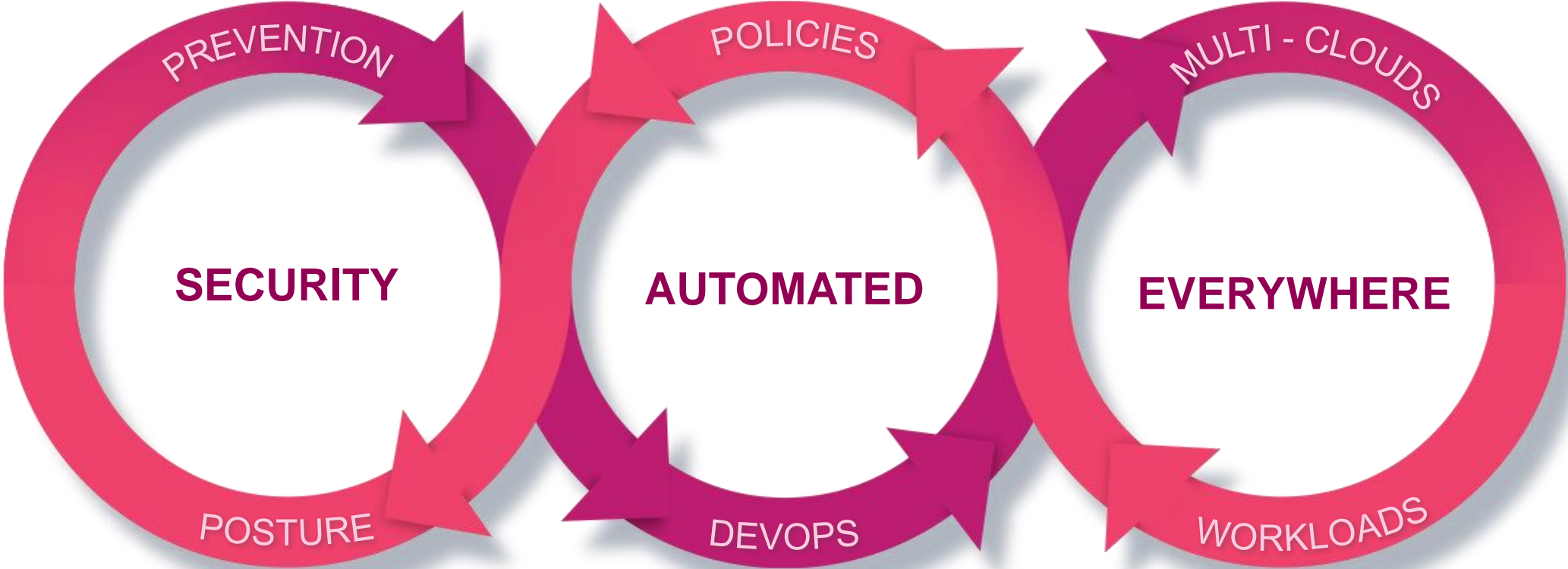


**CONTAINERS & SERVERLESS
BASED MICROSERVICES**

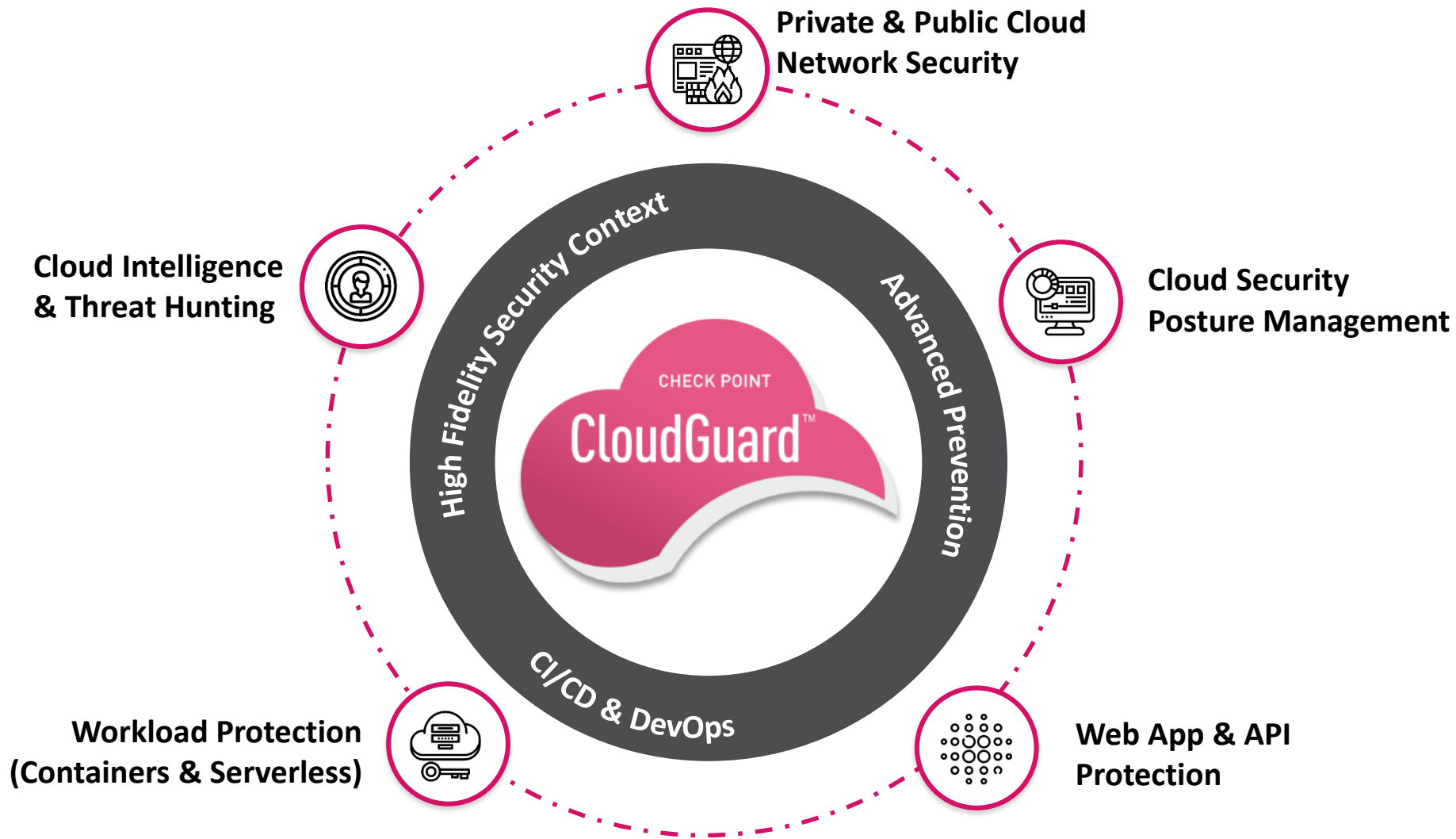


SaaS APPLICATIONS

CLOUD SECURITY @ CLOUD SPEED & SCALE



ONE CloudGuard – Multi Cloud Security



Cloud Journey – Cloud Network Security



Cloud Network
Threat
Prevention



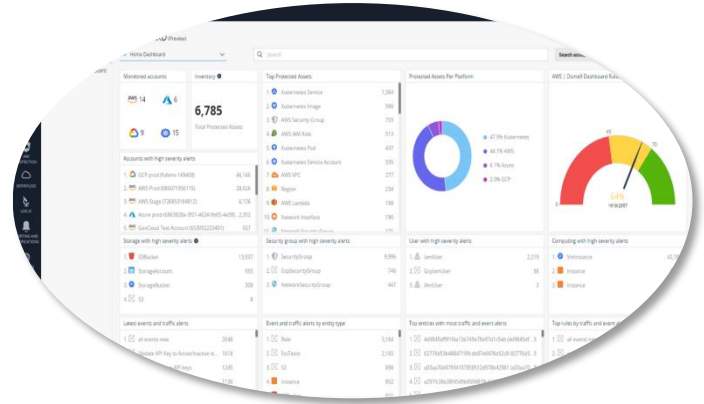
Fundamentals

- 1 North-South & East-West security**
Elastic Firewall, IPS, Application Control, IPsec VPN, Antivirus and Anti-Bot.
- 2 Unified management**
Consistent security & management across diverse environments
- 3 DevSecOps & automation**
Auto-provisioning and auto-scaling along with automatic policy updates

Cloud Journey – Cloud Security Posture MGMT

Fundamentals

- 1 High fidelity visibility & governance**
Granular, intuitive visibility into all cloud assets, networks & security groups
- 2 Automated compliance & best practices**
Continuous analysis of security posture from CI/CD to Production
- 3 Intuitive policy language**
Unified, flexible security language across all clouds & assets



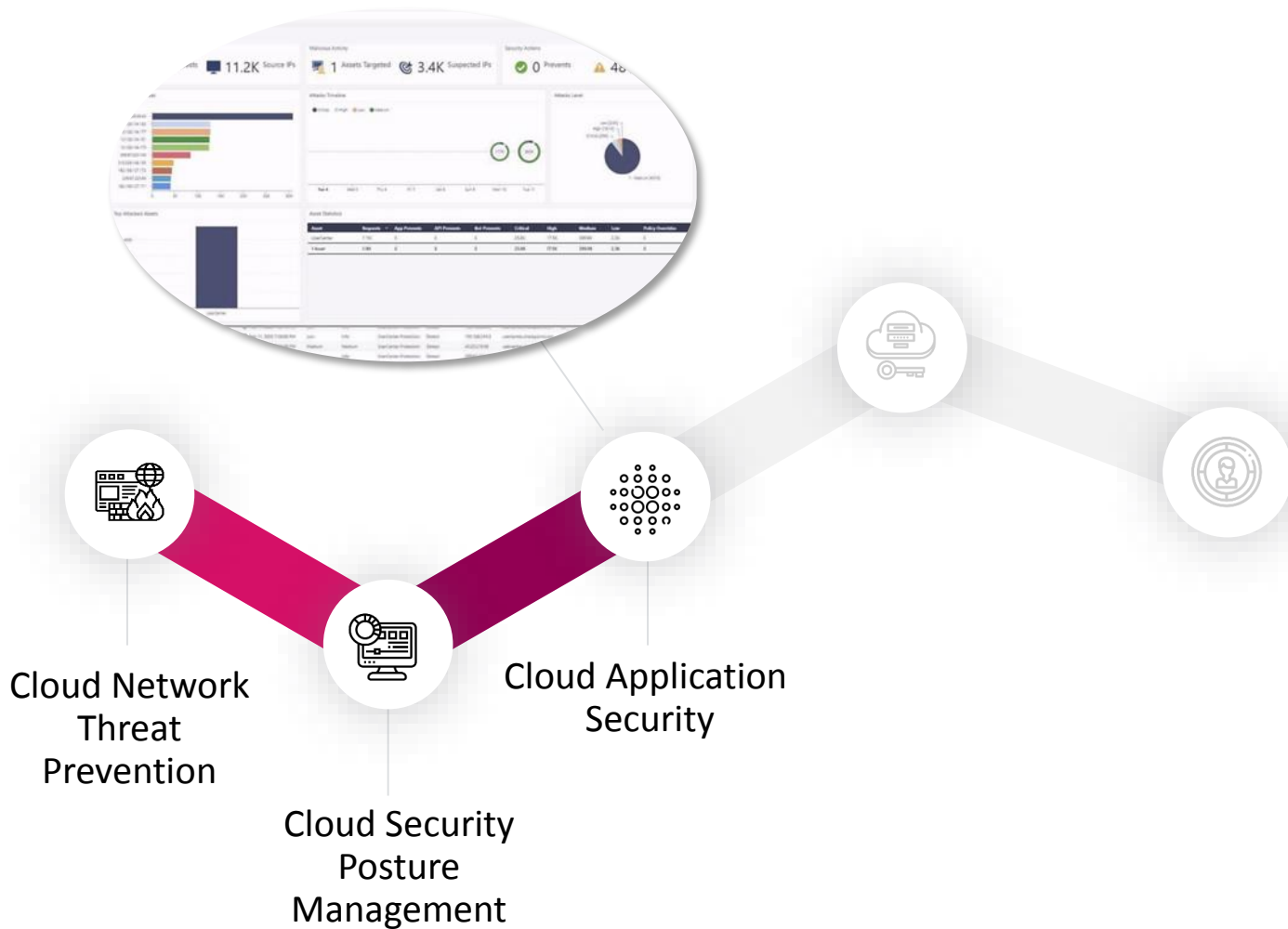
Cloud Network
Threat
Prevention



Cloud Security
Posture
Management



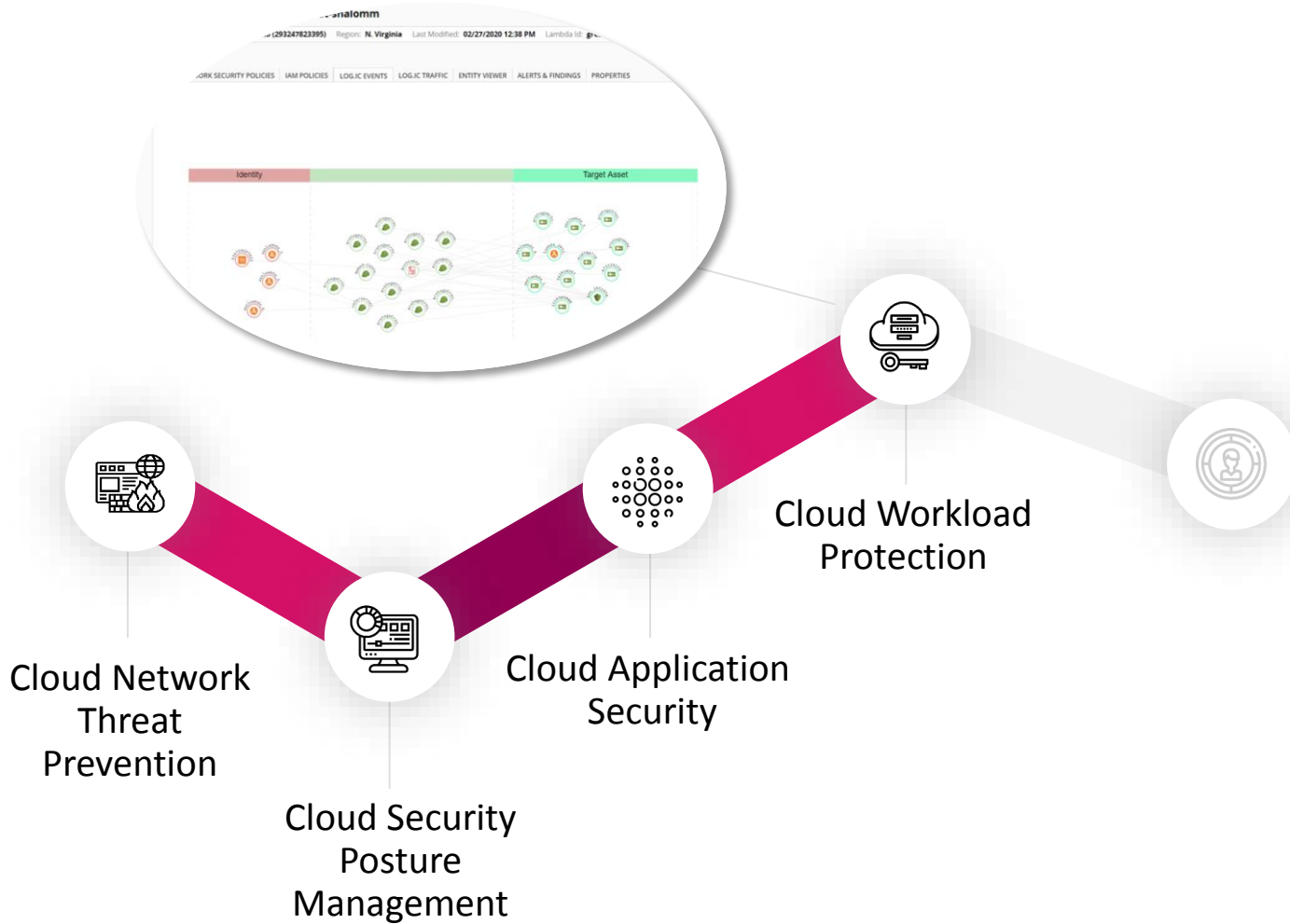
Cloud Journey – Cloud AppSec



Fundamentals

- 1 Complete application security**
From OWASP top 10 attacks to zero day API attacks, and malicious bot traffic
- 2 Fully automated protection**
Self adapts to application changes eliminating manual updates and rule tuning
- 3 Deploy anywhere**
Reverse proxy, proxy servers add on, or as an ingress controller on K8s

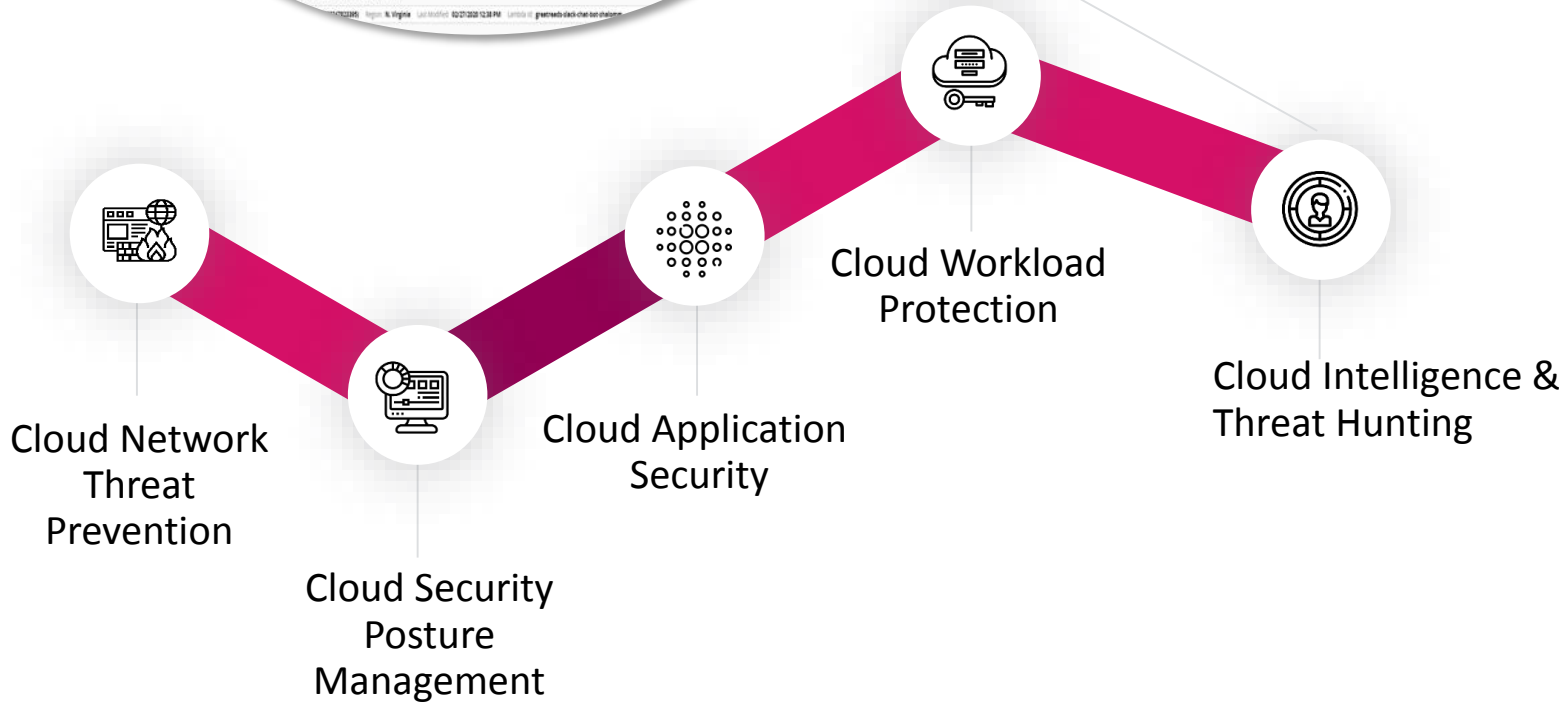
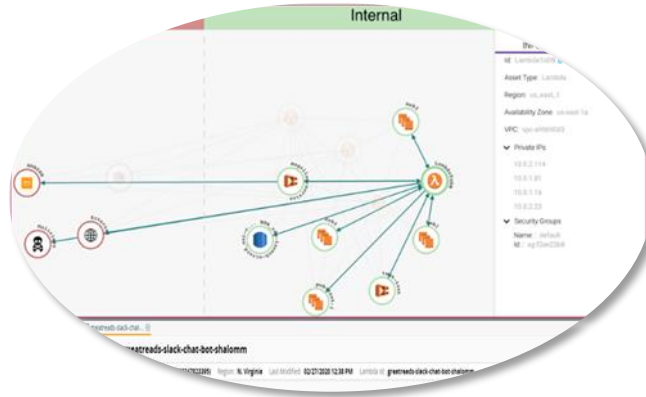
Cloud Journey with Confidence



Fundamentals

- 1 Security scanning & analysis**
Detect over-permissive permissions, vulnerabilities and embedded threats
- 2 Automated runtime protection**
Multi layer security, leveraging machine learning to profile and protect workloads
- 3 Governance and DevSecOps**
Enforce granular security policies during CI/CD and production

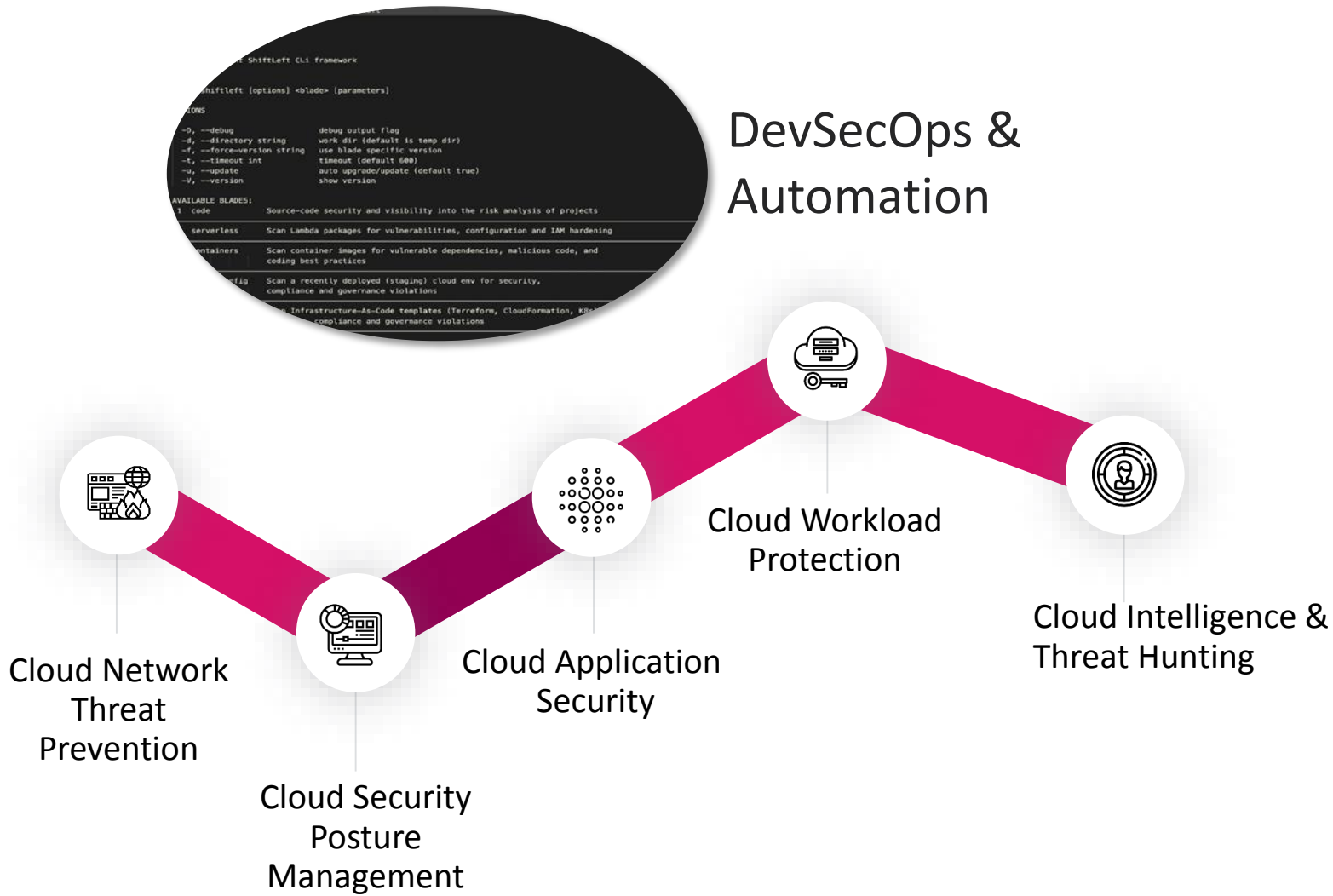
Cloud Journey with Confidence



Fundamentals

- 1 Multi cloud threat hunting**
Detect activity anomalies leveraging machine learning and threat research
- 2 Actionable intelligence**
Intuitive visualization, querying, intrusion alerts and notifications
- 3 Auto remediation**
CloudBots for rapid remediation for misconfigurations & drift

Cloud Journey with Confidence



Fundamentals

- 1 Unified tool for 'everything' DevSecOps**
Single CI/CD CLI tool, unified API
- 2 Unified shift-left security**
IaC scanning, workload scanning, code scanning
- 3 Unified security automation**
Deployment as code, workload protection instrumentation

Security Architecture

WITH CHECK POINT



UNIFIED



SECURITY



AUTOMATED



EVERYWHERE



THANKS

15/12/11 SEARCH...A01