

The background features a vibrant blue gradient with subtle, concentric wavy lines. In the bottom right corner, there are abstract, flowing shapes in shades of purple, pink, and orange, creating a modern and dynamic feel.

aws SUMMIT

INDIA | MAY 25, 2023

SEC003

Cybersecurity transformation - Better together with AWS

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Key trends impacting cybersecurity



**The shift to the cloud
has gone mainstream**



**The nature of work has changed
fundamentally**



**The threat landscape
continues to escalate**

Key trends impacting cybersecurity



The shift to the cloud
has gone mainstream

188%

YoY increase in **Cloud incidents**



The nature of work has changed
fundamentally

61%

of organizations say they
are struggling to secure the hybrid
workforce



The threat landscape
continues to escalate

53%

of organizations turn to AI for
more effective threat detection

Palo Alto Networks *What's Next in Cyber* survey

**Cybersecurity transformation
has become imperative for
today's organizations**

Best of breed across the board

PALO ALTO NETWORKS LEADING THE WAY IN CYBERSECURITY INNOVATION

NGFW

A Leader in Gartner
Magic Quadrant
Network Firewalls

Gartner

Zero Trust

A Leader in Forrester
Zero Trust eXtended
Ecosystem Platform
Providers Wave

FORRESTER

SD-WAN

A Leader in Gartner
Magic Quadrant WAN
Edge Infrastructure

Gartner

EPP/XDR

A Leader in Forrester
Endpoint Security
Software As A Service
Wave

FORRESTER

DevSecOps

A Leader in GigaOm
Developer Security
Tools Radar

GIGAOM

SASE

Frost & Sullivan's Global
Company of the Year
Award for SASE

FROST
&
SULLIVAN

ZTNA

A Leader in Forrester
Zero Trust Network
Access New Wave

FORRESTER

Vulnerability Management

Outperformer Leader in
GigaOm's Vulnerability
Management Radar

GIGAOM

SOAR

Leader in KuppingerCole
Security Orchestration
Automation & Response
Leadership Compass

kuppingercole
ANALYSTS

Cloud Security

A Leader in Forrester
Cloud Workload
Security Wave

FORRESTER

Attack Surface Management

Outperformer Leader in
GigaOm's Attack Surface
Management Radar

GIGAOM

CSPM

A Leader in GigaOm's
Cloud Security Posture
Management Radar

GIGAOM

Leadership In Critical Third Party Assessments

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What we provide

Our next-gen platforms enable cyber transformation



Network Security

STRATA | PRISMA SASE

Best-in-class security delivered across hardware, software and SASE



Cloud Security

PRISMA CLOUD

Comprehensive platform to secure everything that runs in the cloud



Security Operations

CORTEX

A new approach to SOC with fully integrated data, analytics and automation















Unit 42 - Threat Intelligence and Advisory Services

World-renowned threat intelligence, cyber risk management and advisory services

Simplify security with our best of breed platforms


SUB-CATEGORY	POINT PRODUCTS	NETWORK SECURITY PLATFORM
Firewall	 Check Point SOFTWARE TECHNOLOGIES LTD	
Intrusion Detection	 CISCO	
URL Filtering	 BROADCOM	
Sandbox	 FIREEYE	
DNS Security	 Infoblox	
IoT Security	 ARMIS	
Data Loss Prevention	 BROADCOM	
Cloud Access Security Broker	 netskope	
Zero Trust Network Access	 vmware	
Secure Web Gateway	 zscaler	
SD-WAN	 velocloud	


SUB-CATEGORY	POINT PRODUCTS	CLOUD SECURITY PLATFORM
Cloud Security Posture Management	 Dome9	
Cloud Workload Protection	 aqua	
Identity & Access Management	 CLOUDKNOX	
Code Security	 snyk	
Web Application / API Security	 CLOUDFLARE	

SUB-CATEGORY	POINT PRODUCTS	MODERN SOC PLATFORM
Security Information & Event Management	 splunk	
Endpoint + EDR	 CROWDSTRIKE	
NTA / UEBA	 DARKTRACE	
SOAR	 Simplify	
Attack Surface Management	 RISKIQ	

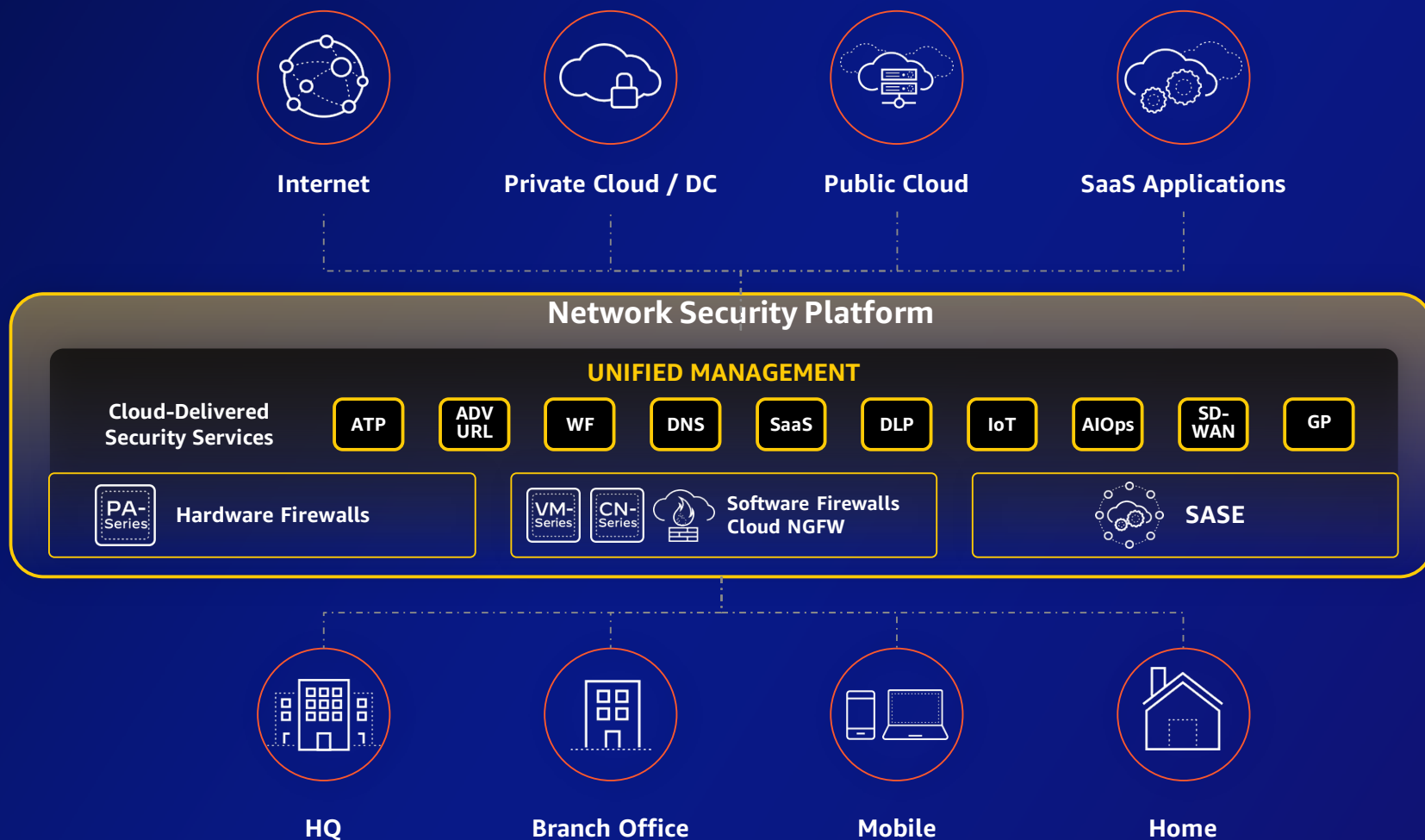
Simplify security with our best of breed platforms

SUB-CATEGORY	NETWORK SECURITY PLATFORM
Firewall	 <p>Network Security Platform</p>
Intrusion Detection	
URL Filtering	
Sandbox	
DNS Security	
IoT Security	
Data Loss Prevention	
Cloud Access Security Broker	
Zero Trust Network Access	
Secure Web Gateway	
SD-WAN	

SUB-CATEGORY	CLOUD SECURITY PLATFORM
Cloud Security Posture Management	 <p>Prisma Cloud</p>
Cloud Workload Protection	
Identity & Access Management	
Code Security	
Web Application / API Security	

SUB-CATEGORY	MODERN SOC PLATFORM
Security Information & Event Management	 <p>Cortex XSIAM</p>
Endpoint + EDR	
NTA / UEBA	
SOAR	
Attack Surface Management	

Best-in-class network security for all users accessing all applications



BENEFITS

Safer

48%

more zero-day attacks stopped in real-time with inline deep learning, compared to legacy vendors

Always-On

99.999%

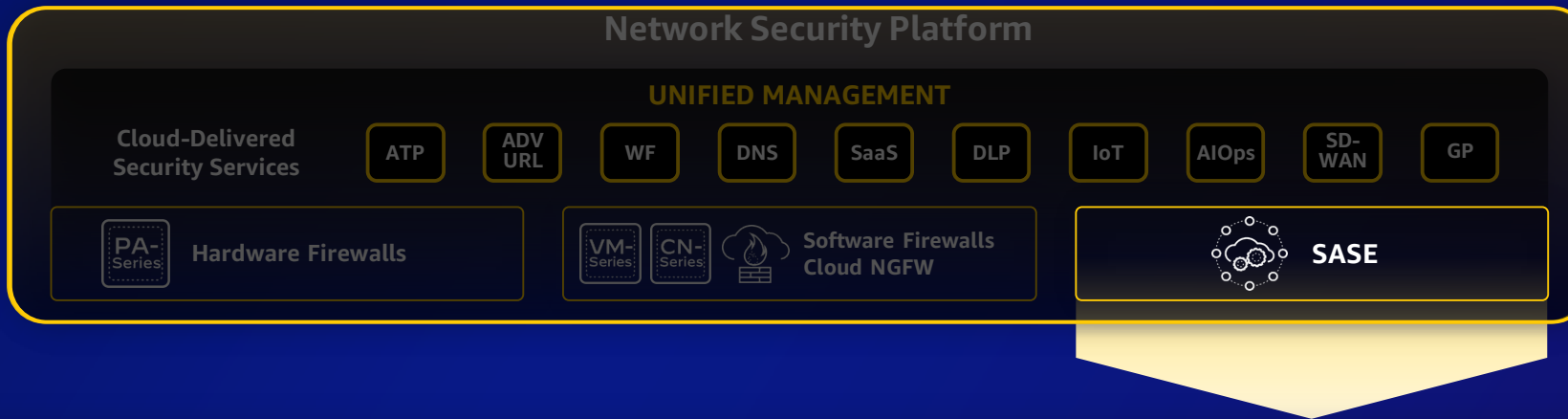
availability with industry-leading ZTNA 2.0

Faster

<10 seconds

from threat detection to threat prevention. 180x faster than competing products

PRISMA SASE: Zero trust with zero exceptions



• Delivering ZTNA 2.0

- Least-Privilege Access
- Continuous Trust Verification
- Continuous Security Inspection
- Protect All Data
- Secures All Apps

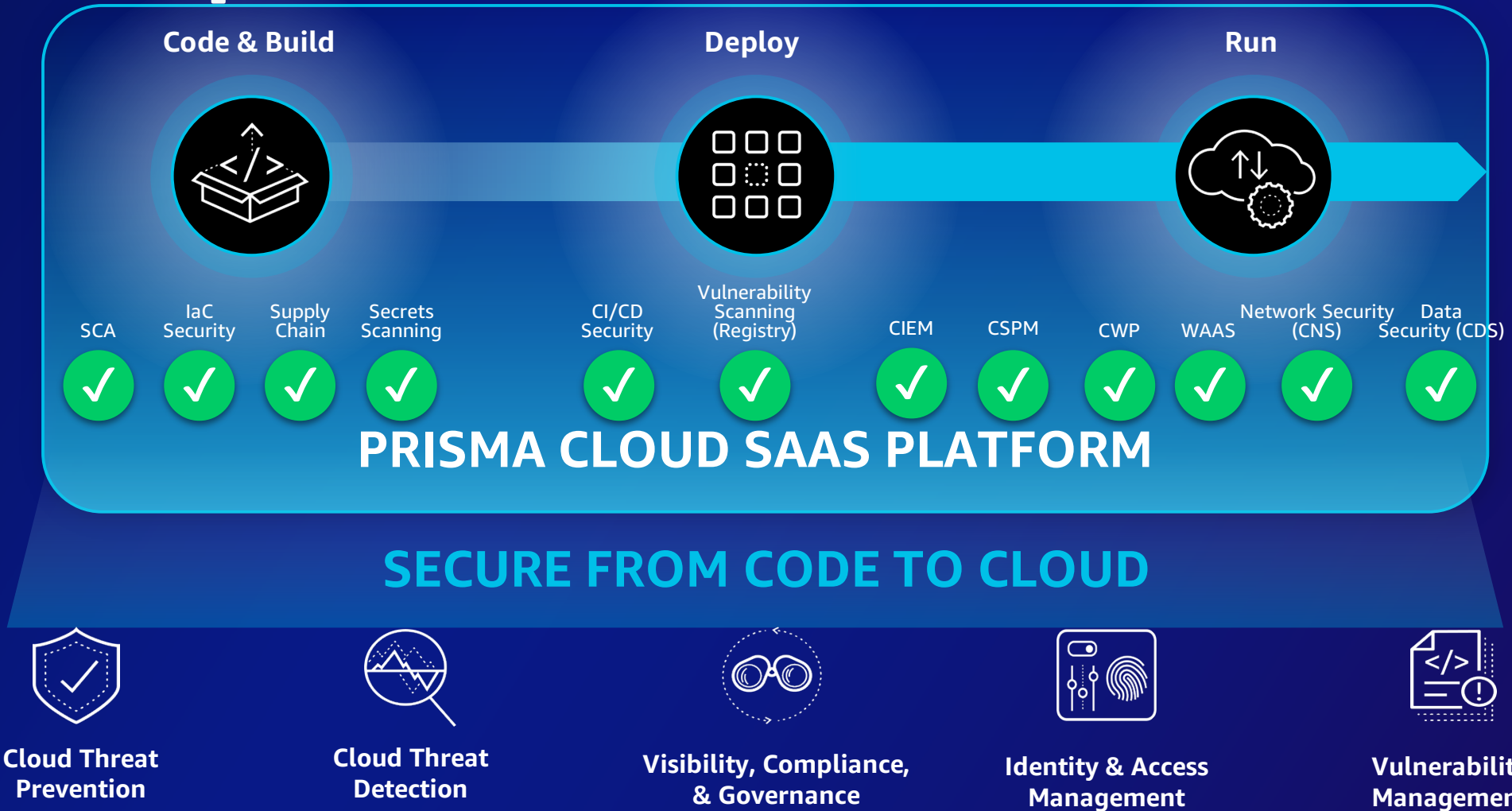
• Seamless User Experience

- High availability
- Cloud-Scale Architecture
- Data Plane Isolation
- Industry leading SLAs

• Unified Best-of-Breed Capabilities

- Firewall as a Service (FWaaS)
- Secure Web Gateway (SWG)
- Cloud Access Security Broker (CASB)
- Zero Trust Network Access (ZTNA)
- Software-defined WAN (SD-WAN)
- Native Visibility (ADEM)

PRISMA CLOUD – Cloud native application protection platform



CORTEX - Powering up the modern SOC

CHOOSE FROM BEST-IN-CLASS
INTEGRATED PRODUCTS



**Cortex
XDR**

Prevent, detect
& investigate
attacks across
the enterprise



**Cortex
XSOAR**

Automate
response and
improve with
every incident



**Cortex
Xpanse**

Discover &
protect your
entire internet
attack surface



SELECT OR EASILY MIGRATE
TO A UNIFIED SECOPS
PLATFORM



**Cortex
XSIAM**

The autonomous
security platform
for the modern SOC

WHAT'S POSSIBLE WITH THE AUTOMATED SOC

Events

36 B Events

Alerts /
Incidents

133 Alerts
7 Incidents

Automated /
Manual Analysis

125 Automated
8 Manual

Major Incidents

0

10

SECONDS

**Mean Time
to Detect**

1

MINUTE

**Mean Time
to Respond
(High priority)**

UNIT 42: Data-driven threat intelligence & response



Assess

CYBER RISK MANAGEMENT

Assess and test your controls against real-world threats targeting your organization, then communicate your security risk posture to your board and key stakeholders.

Transform

CYBER RISK MANAGEMENT & THREAT INTEL

Transform your security strategy with a threat-informed approach to tighten alignment across your people, processes, technology and governance.

Respond

INCIDENT RESPONSE & MANAGED DETECTION & RESPONSE

Respond in record time by quickly investigating, eradicating and remediating even the most advanced attacks.

Prisma Cloud by Palo Alto Networks is a committed, historical AWS launch partner for security

PERFECT AWS PARTNER FIT

2017



AWS Fargate security launch partner

2017



Amazon GuardDuty security launch partner

2018



AWS Security Hub security launch partner

2018



AWS Lambda layers security launch partner

2021



AWS Control Tower security launch partner

2021



Amazon Inspector security launch partner

We are the world's security leader

Securing tens of thousands of customers globally

10 of 10

of the Fortune 10

8 of 10

Largest U.S. Banks

9 of 10

Largest Manufacturing
Companies in the World

9 of 10

Largest Utilities
in the World

7 of 10

Largest Oil & Gas
in the World

9 of 10

Top U.S. Hospitals

Palo Alto Networks + AWS : Resources



- **Prisma Cloud for AWS - Demo (~6 mins)**
youtube.com/watch?v=rTH8y3fiW5s
- **Build Centralized Firewall architecture with AWS GWLB - Step by step guide**
youtube.com/watch?v=c28ZwlhCIWE
- **Forrester: Total Economic Impact of Prisma Cloud**
paloaltonetworks.com/prisma/forrester-tei-study-prisma-cloud-2021
- **AWS and Palo Alto Networks Partnership - Securing Cloud Workloads**
aws.amazon.com/partners/aws-and-palo-alto-networks

Thank you!

Rakesh Singh

Cloud Security Solutions Architect,
Palo Alto Networks



Please complete the
session survey