



IL FUTURO STA CAMBIANDO, E CON ESSO IL FUTURO DELLA CYBERSECURITY

Juniper Connected Security
Security Summit Roma 2019

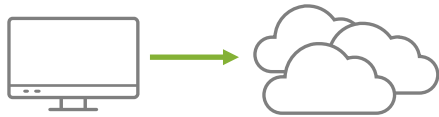
Damiano Colla – Sr System Engineer

JUNIPER
NETWORKS

Engineering
Simplicity

SETTING THE SCENE: FUTURE IS CHANGING

MOVE TO MULTI-CLOUD



73%

enterprises use
multi-vendor for
cloud data
center

ENTERPRISE SECURITY SYSTEMS



10

minimum
number of
security systems
in an enterprise

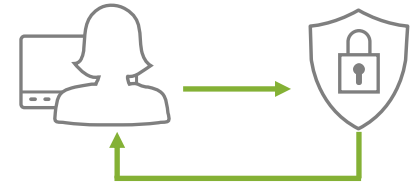
FASTER BREACH LONGER DETECTION



87%

of attacks take
minutes or less
to compromise
but months to
discover

MALWARE ENCRYPTED



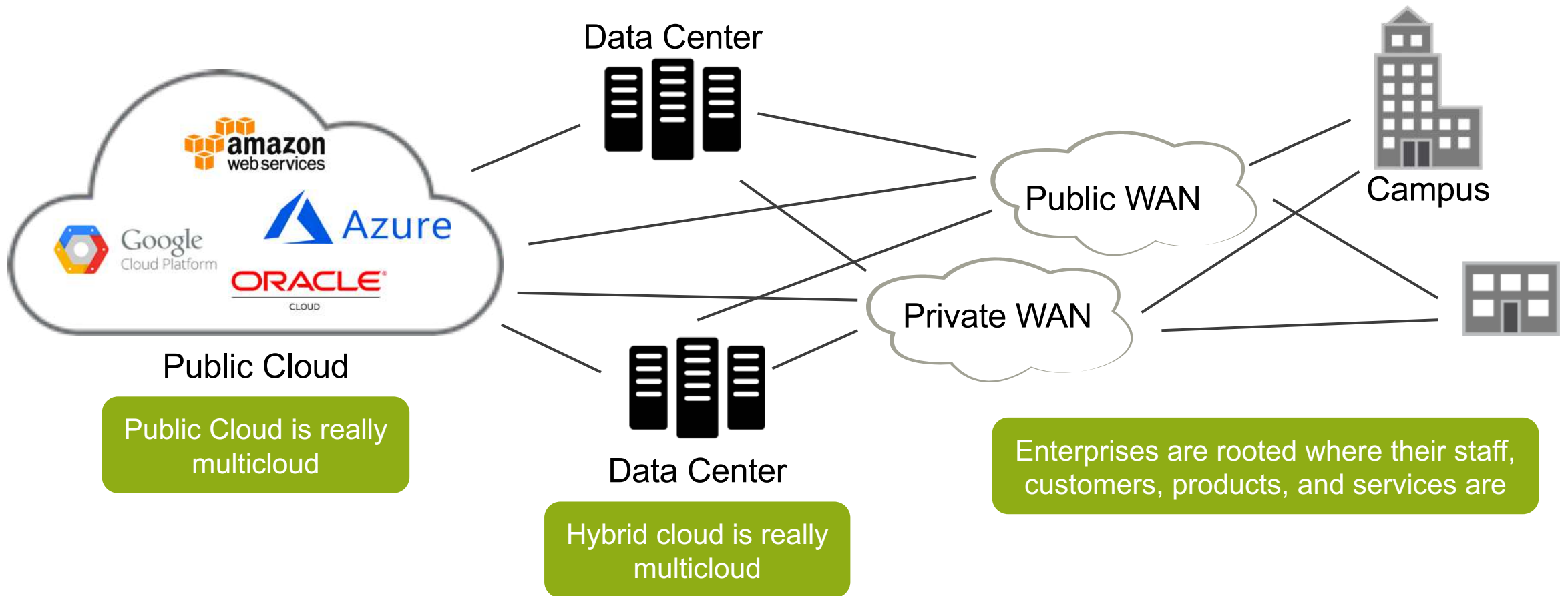
80%

of all network
traffic will be
encrypted in
2019

LA MIGRAZIONE AL MULTICLOUD È UNA REALTÀ.

QUANTE PIATTAFORME CLOUD UTILIZZA LA VS AZIENDA?

SIMPLICITY IN THE CONTEXT OF CLOUD



Future is multicloud

Multicloud spans the entire end-to-end enterprise

SINGLE POLICY SET REGARDLESS OF DATA LOCATION



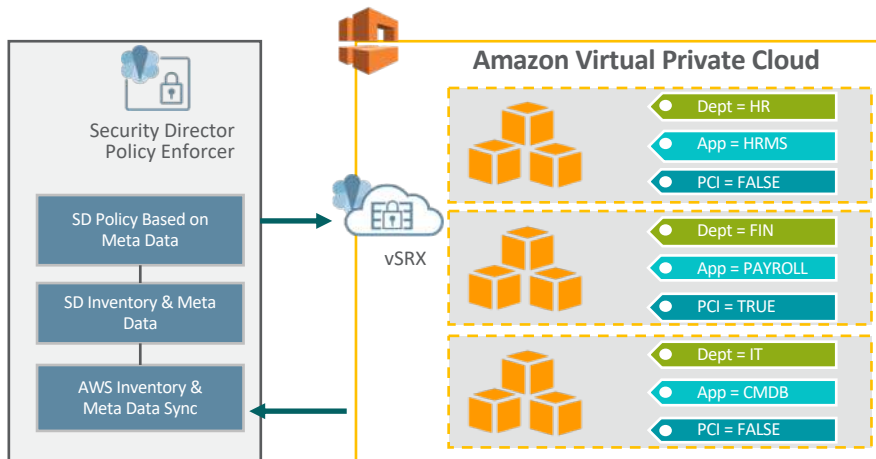
Single policy across all deployments

Leverage metadata instead of traditional IP in security policies

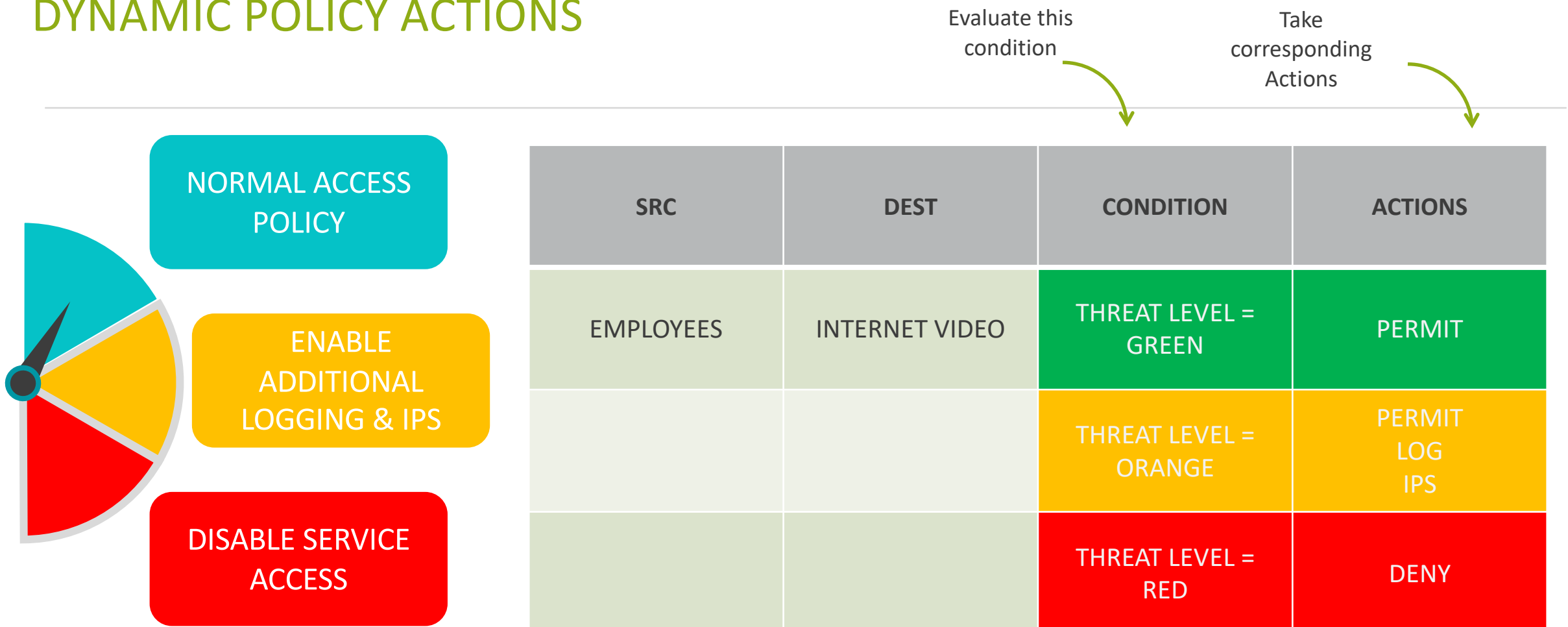
Automated workload and metadata discovery

Quarantine infected VMs to specific AWS security group

Faster application deployments with reduced overhead



DYNAMIC POLICY ACTIONS

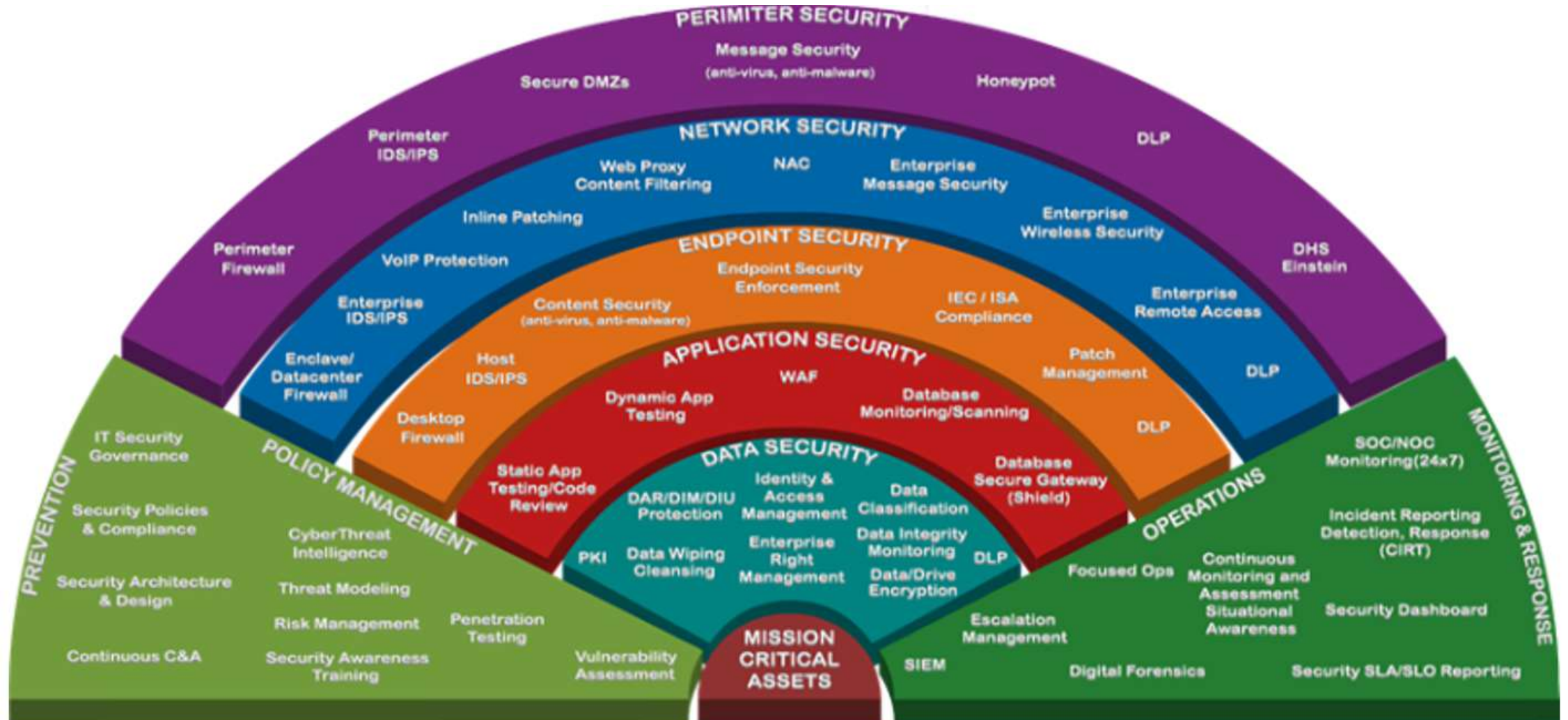


- Security policy dynamically adapts to ever changing security environment
- Achieve agility with out of the box “DevOps” model
- OpEx savings

E QUANTI SISTEMI DI SICUREZZA UTILIZZATE NELLE VOSTRE AZIENDE? (ES. FW, SIEM, IPS, ANTISPAM, SANDBOX...)

SE LI CONTATE BENE NON FARETE FATICA AD ARRIVARE IN DOPPIA CIFRA

WHAT ARE THE AVAILABLE TOOLS?



Specialized Security Doesn't Work



Isolated security functions

Too many security appliances

Multiple vendors and interfaces

Many different threat scores

Intelligence not shared— Illicit behavior not detected

Manual coordination

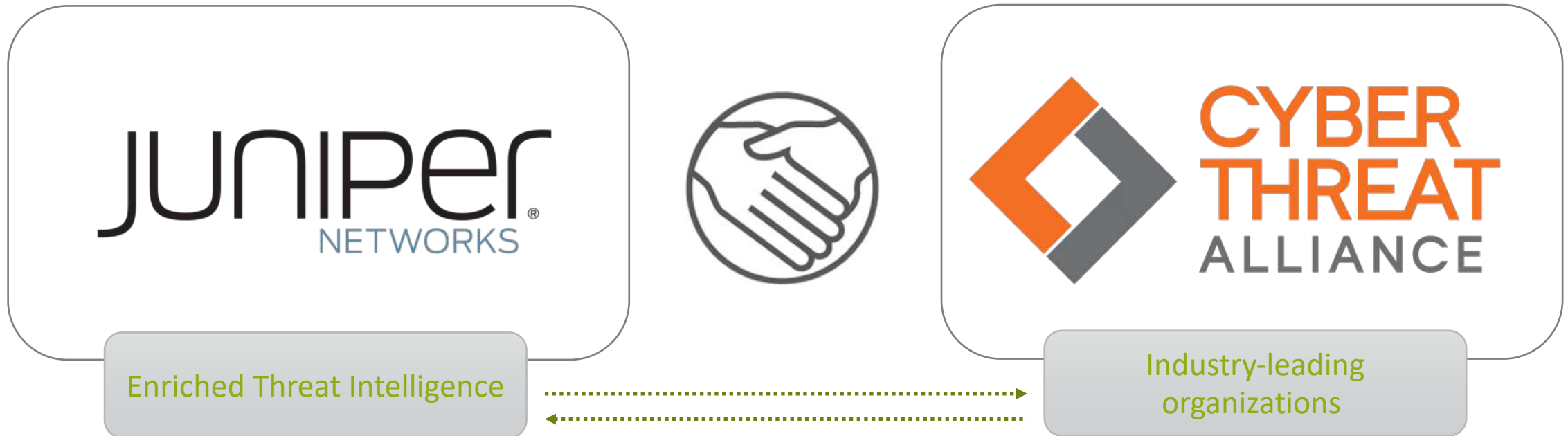
UNITED WE LIVE



**DIVIDED
WE
TURN**

THE POWER OF UNITY

Share actionable intelligence for stronger security



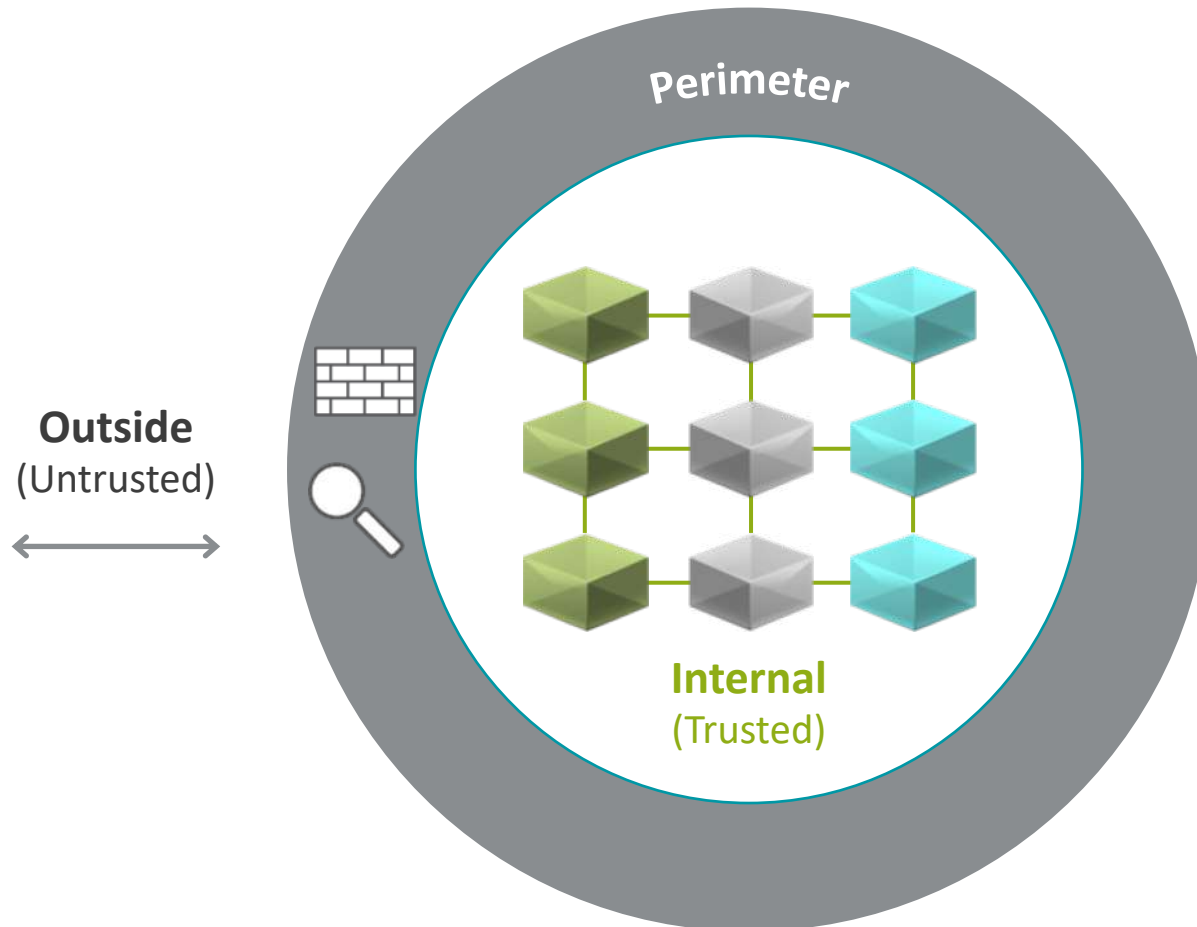
✓ Increased **Protection** for Customers

QUANTE VOLTE LE VOSTRE RETI, UTENTI O APPLICAZIONI SONO STATE ATTACCATE NELL'ULTIMO ANNO?

DIFFICILE RISPONDERE PERCHÉ NELLA MIGLIORE DELLE IPOTESI SAPPIAMO QUANTE VOLTE ABBIAMO
RILEVATO ED ANALIZZATO UN ATTACCO.

MA NON SIAMO IN GRADO DI DIRE QUANTE VOLTE QUESTO SIA AVVENUTO REALMENTE CON
ASSOLUTA CERTEZZA

PERIMETER ORIENTED SECURITY



Hyper-connected Network Security at Perimeter



Lateral Threat Propagation

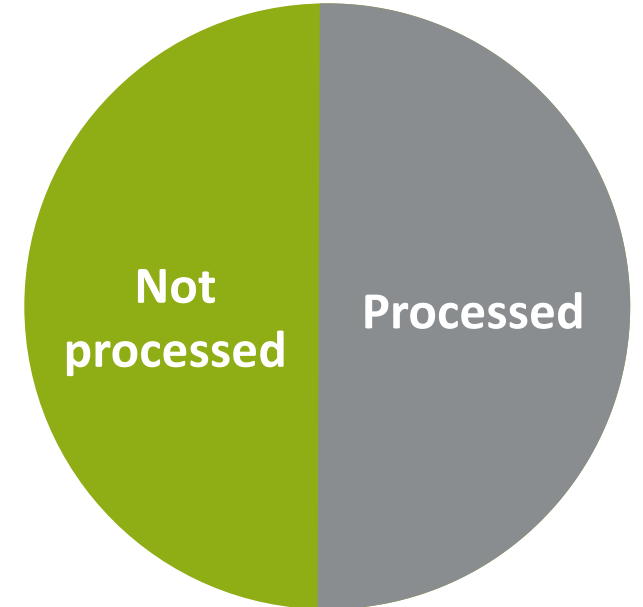


Limited Threat Visibility



ALERT OVERLOAD

- 75% of alerts are false positives (73% respondents)²
- Most receive over 1000 malware alerts per week (74% respondents)²
- Most only process 500 malware alerts per week (67% respondents)²



² Reducing Cybersecurity Costs & Risks Through Automation Technologies, November 2017

QUANTO TEMPO CI VUOLE PER INDIVIDUARE UN ATTACCO IN MEDIA?
GLOBALMENTE 78 GIORNI, 177 IN EMEA

FARE SOLDI, NON DANNI!

THREATS ARE MORE EVASIVE

68 %

of attacks took months or longer
to discover

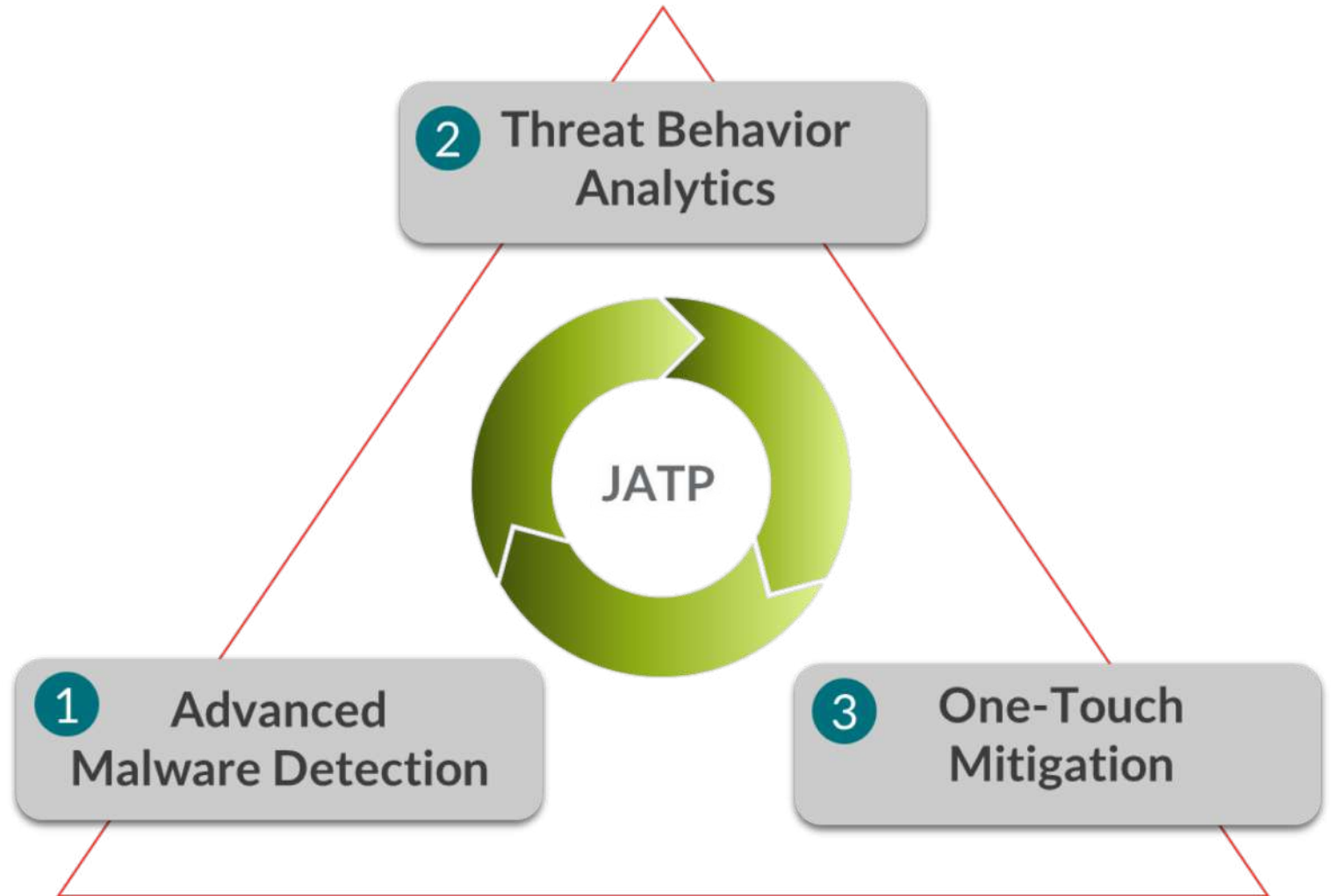
(Verizon DBIR 2018)

MONEY DRIVES CYBERCRIME

76 %

of breaches are financially
motivated

(Verizon DBIR 2018)

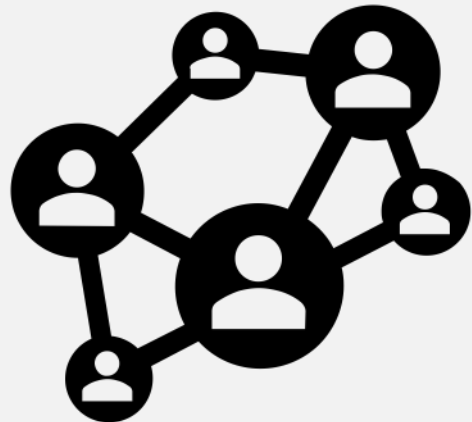


I PRIMI 5 PROCESSI CHE SONO O SARANNO AUTOMATIZZATI



RIASSUMENDO LE SFIDE DA AFFRONTARE

MULTICLOUD



SISTEMI DI SICUREZZA NON INTERCONNESSI



VELOCITÀ DI DETECTION



MALWARE ENCRYPTION



JUNIPER CONNECTED SECURITY

AUTOMATE SECURITY



From endpoint to network and every cloud

OPEN PLATFORM



Works with your existing security solutions

VIEW AND ENFORCE



See who and what is on your network

Safeguard users, applications, and infrastructure against advanced threats



I am convinced that there are only two types of companies: those that have been hacked and those that will be. And even they are converging into one category: companies that have been hacked and will be hacked again.

Robert Mueller





ANDATE IN VACANZA SERENI!

Juniper Connected Security

Abilita le organizzazioni alla protezione di Utenti, Applicazioni e Infrastruttura massimizzando il valore degli investimenti già fatti nel vostro ecosistema di Sicurezza Informatica.

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THANK YOU

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Email us feedback: dcolla@Juniper.net