

RSACConference2020

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HUMAN
ELEMENT

SESSION ID: PART4-W02

The Cyber Resilience Imperative & The Role of Pervasive Email Security 3.0



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#RSAC

2003

**Protect the Mission
Critical App**

Email Security

Continuity

Archiving

**Removing Massive
Complexities**

**Security and
IT teams overwhelmed
with point solutions**

**On a New
Kind of Architecture**

**Tackle the cost and
complexity problem at
industry wide scale**

2020

1700

EMPLOYEES

36,000+

CUSTOMERS

100+ COUNTRIES

2015

NASDAQ: MIME

527M

EMAILS

DELIVERED EACH DAY

22B

NUMBER OF THREATS
BLOCKED

EACH MONTH

1M

IMPERSONATION
ATTACKS

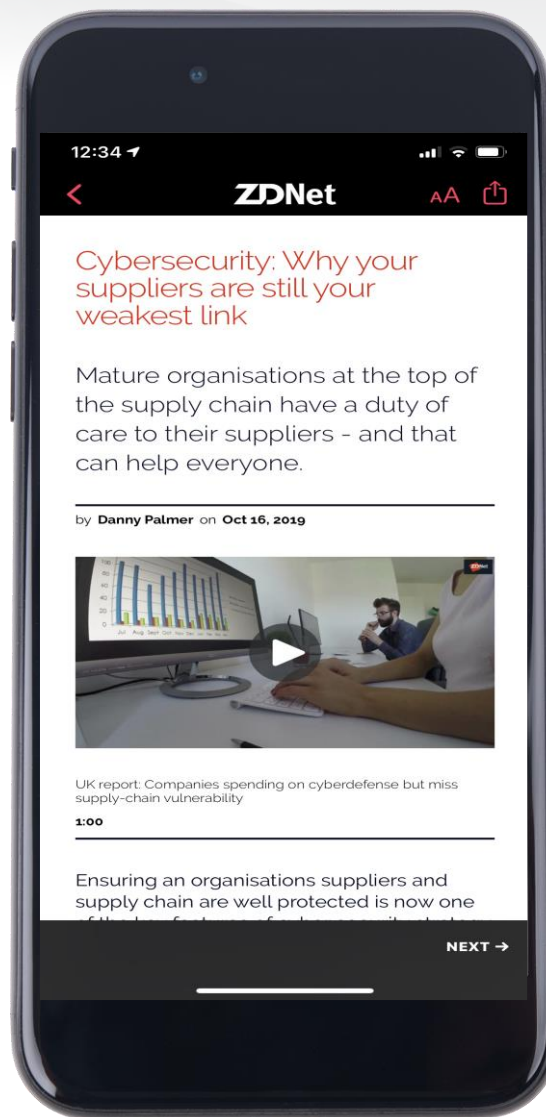
BLOCKED EACH DAY

338B

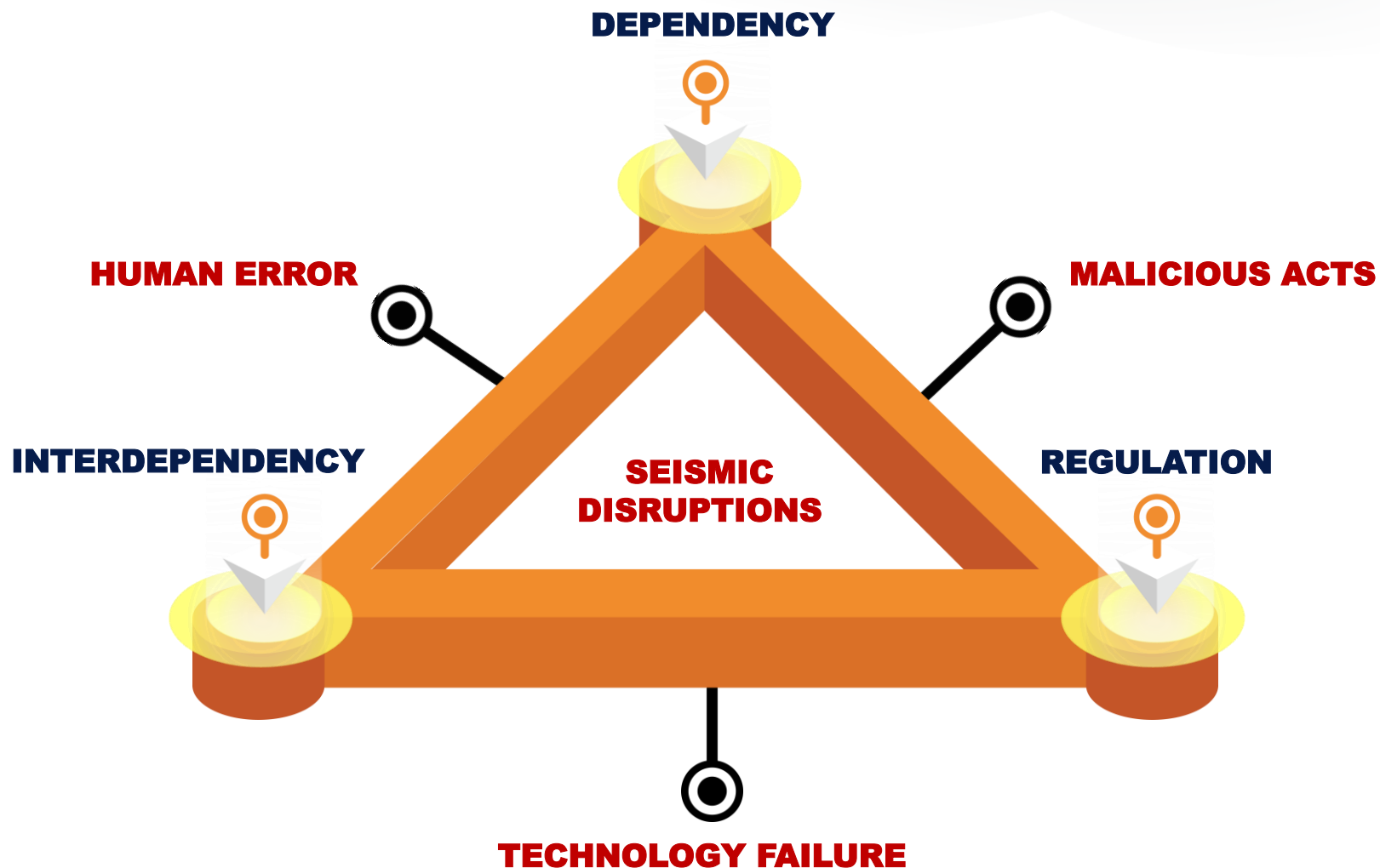
EMAILS

15PB OF DATA

STOP
Bad Things
FROM HAPPENING TO
Good Organizations
AND MAKE THE WORLD MORE RESILIENT



The New Digital Risk Reality



Reduce the impact
of cyber incidents

Strengthen their
cyber resilience



The **CYBER RESILIENCE** Imperative

Being able to
avoid or withstand
an impactful
cyber disruption

CASB

Web Security

End Point Protection

Archive and Backup

Threat Intel

Identity and Access

SIEM

Resilience comes with
Cost & complexity

SOAR

Email Security

Vulnerability Management

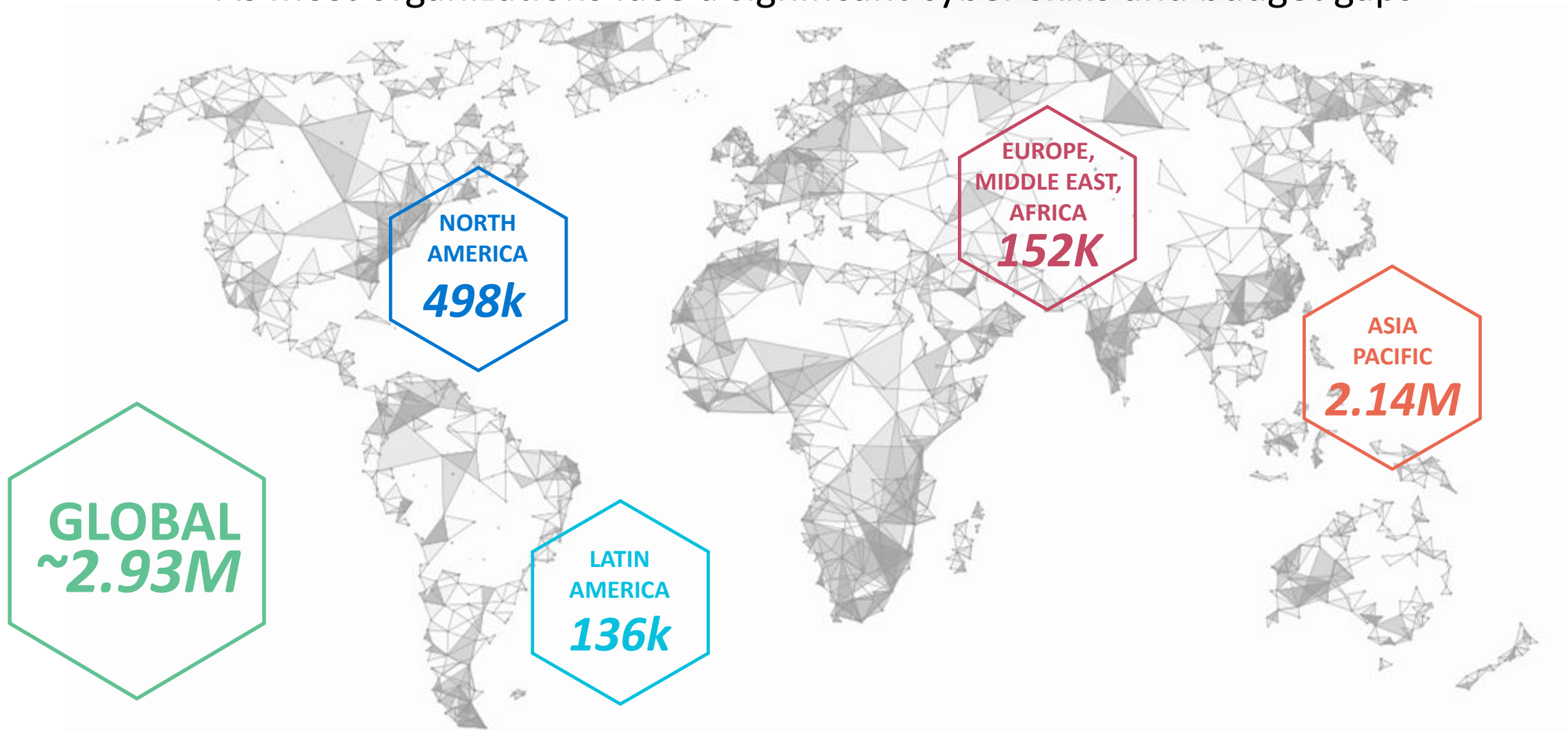
Awareness Training

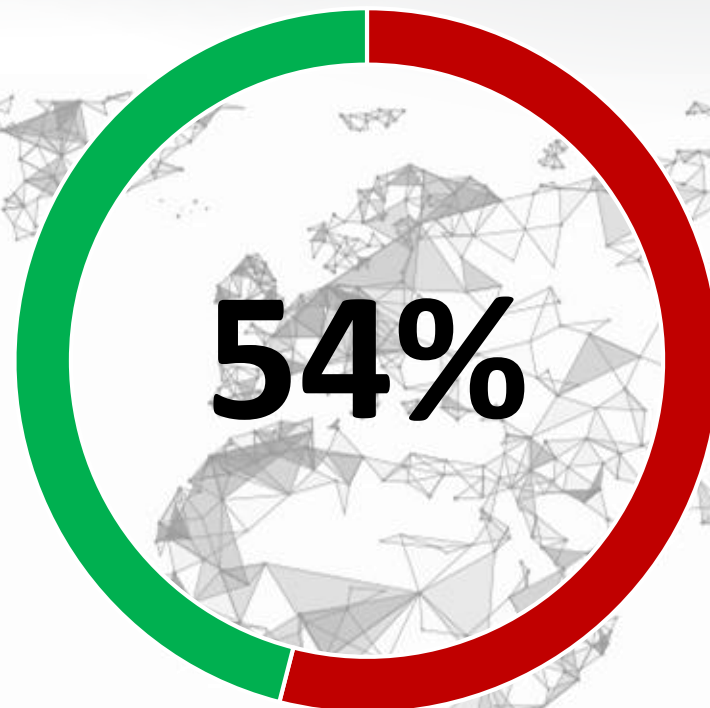
Next Gen Firewall

DLP

Which is a Real Bummer

As most organizations face a significant cyber skills and budget gaps





MORE THAN HALF ARE NOT CONFIDENT

in their team's ability to handle anything beyond simple cyber incidents

We are all in this together



Law Firms

Their
vulnerability
is our
vulnerability

Vulnerability



Suppliers

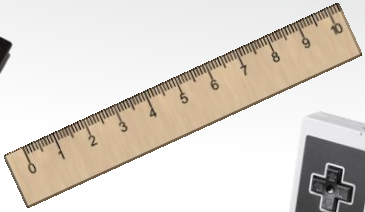
Solving a *problem* where you need
much more capability
at *lower cost* and *complexity*

requires deep design and architecture

On the 29th of June 2007,
These guys began to replace...



With this



MAY 2000

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			



With this

cracking the code of
**Cost and
Complexity**



SECURITY OPS

Email Security

Web Security

Awareness Training

Threat Intel Backup/Archiving

Endpoint Security

SIEM

SOAR

NextGen Firewall

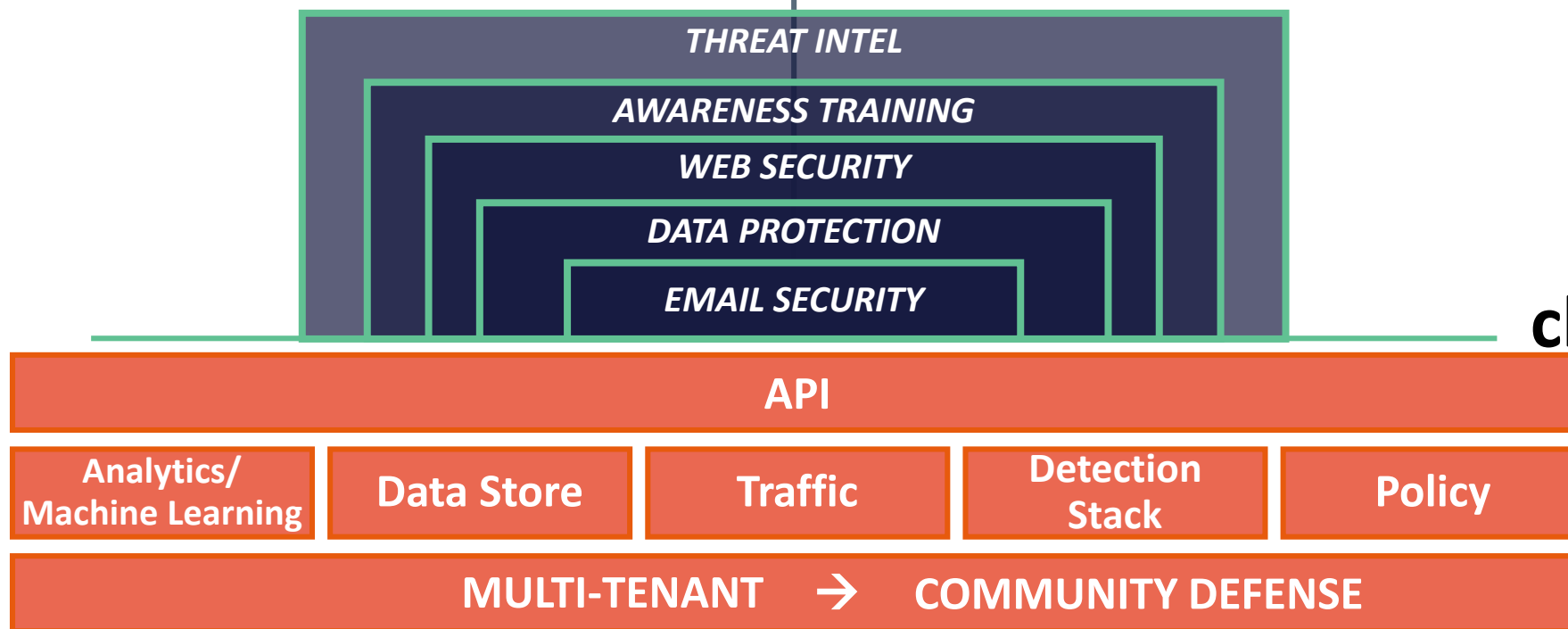
DLP

Identity Access Mgmt

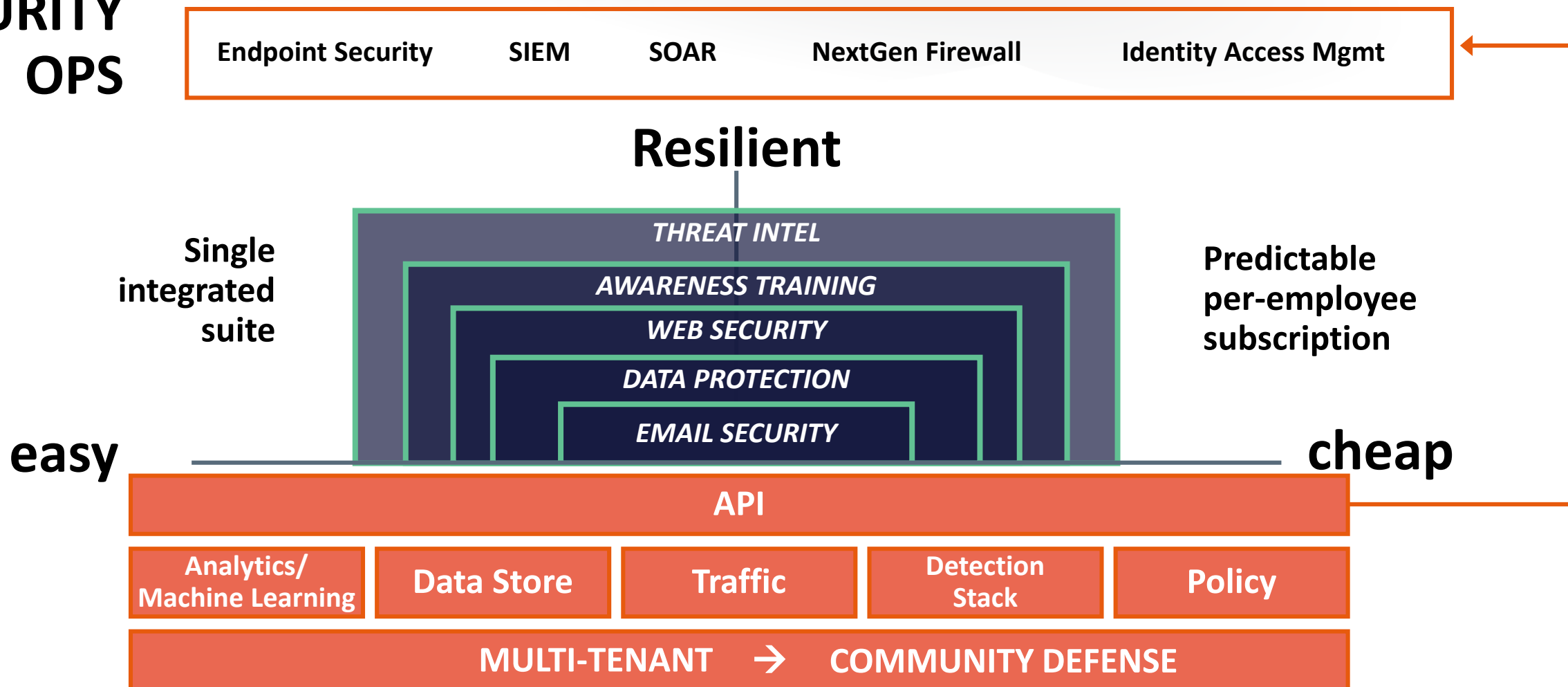
Resilient

easy

cheap



SECURITY OPS





SINCE 1918

***TEXAS PIPE
& SUPPLY***



A Brief History of Email Security



1998

v 1.0

Basic Perimeter Hygiene – Antivirus and Antispam



2014

v 2.0

Advanced Targeted Attacks – Spoofing, Phishing, Impersonation, and Social Engineering



2019

v 3.0

Extending Inside and Beyond the Perimeter – Brand & Domain Protection and Insiders

RESPONSE TIME TO THREATS

WEEKS

DAYS

HOURS

MINUTES

SECONDS

MILLISECONDS

CYBER RESILIENCE STARTS WITH



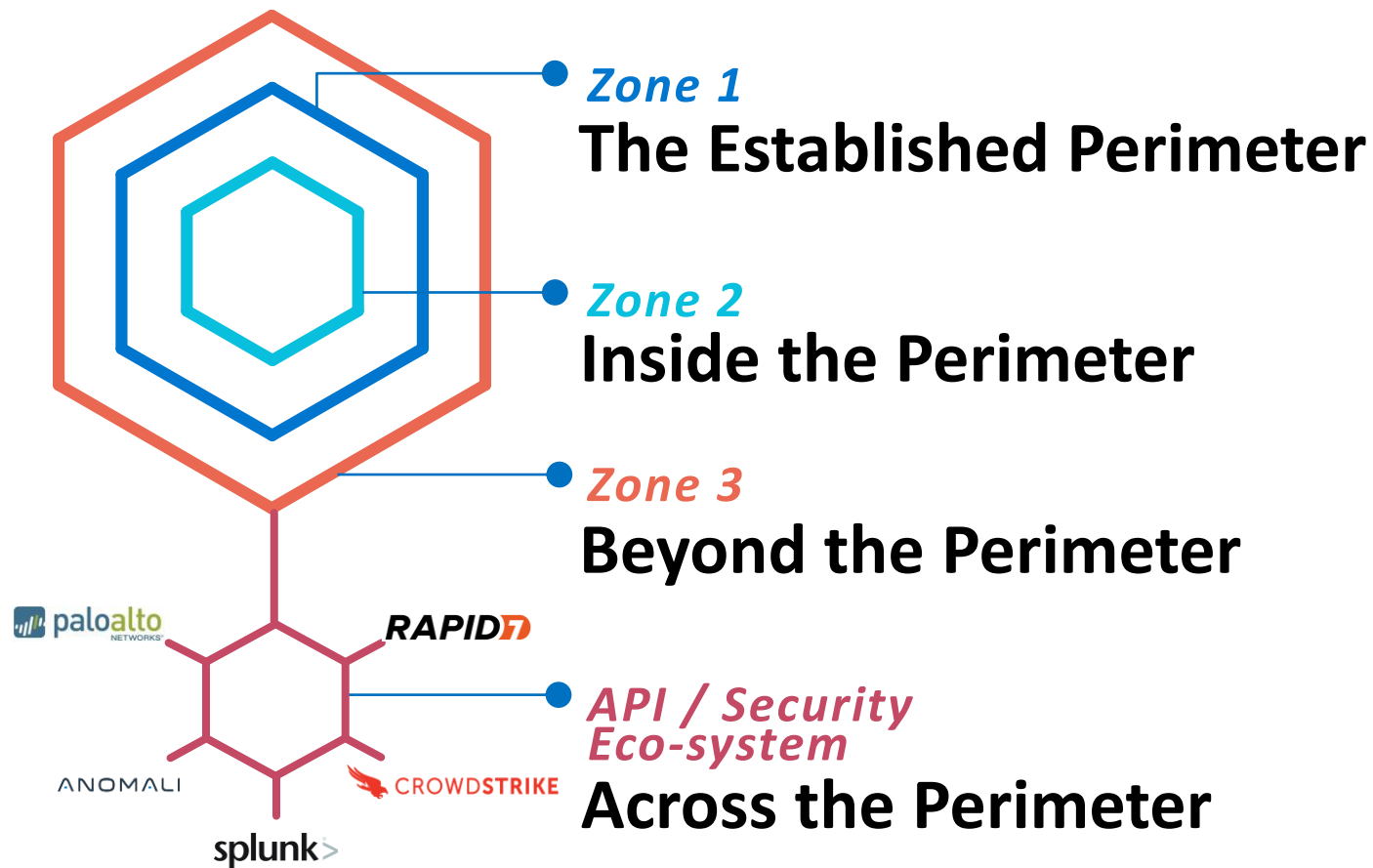
Email Security **3.0**



FROM PERIMETER EMAIL SECURITY TO PERVASIVE EMAIL SECURITY

Mimecast Email Security 3.0

From Perimeter to Pervasive



Summary

- The Cyber Resilience Imperative brings challenges
- Solving it requires a new approach
- Email security 3.0 is an essential starting point
- Telemetry and intelligence from email security can make your security ecosystems smarter
- IT and Security must work better together to solve the problem

STOP
Bad Things
FROM HAPPENING TO
Good Organizations
AND MAKE THE WORLD MORE RESILIENT
TOGETHER

Thank you

Peter Bauer
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Mimecast Booth #5771 – North Expo