



The bridge to possible

Strategies for Enabling End-to-End Security

From Hybrid Work to Hybrid Cloud

Richard Dean, Security Architect, CX EMEA Security Centre of
Excellence

Cisco Webex App

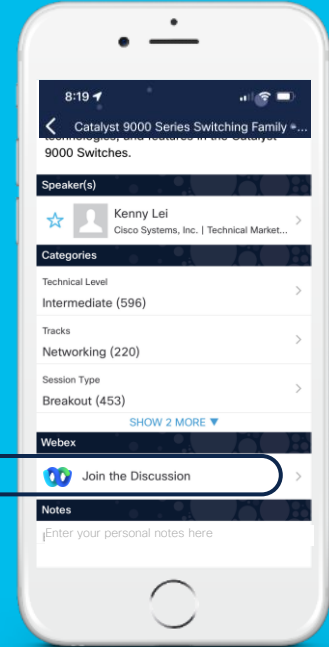
Questions?

Use Cisco Webex App to chat with the speaker after the session

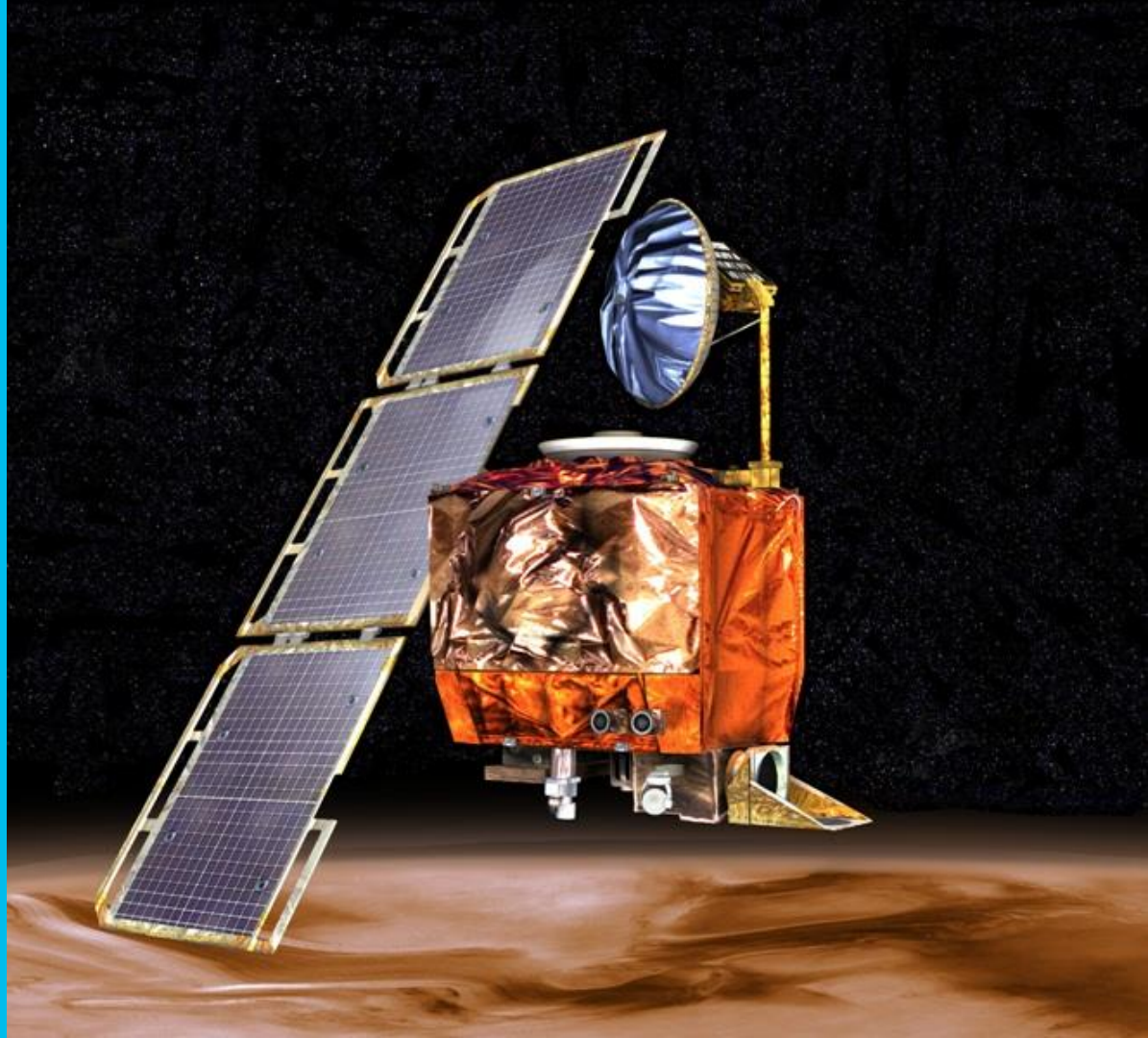
How

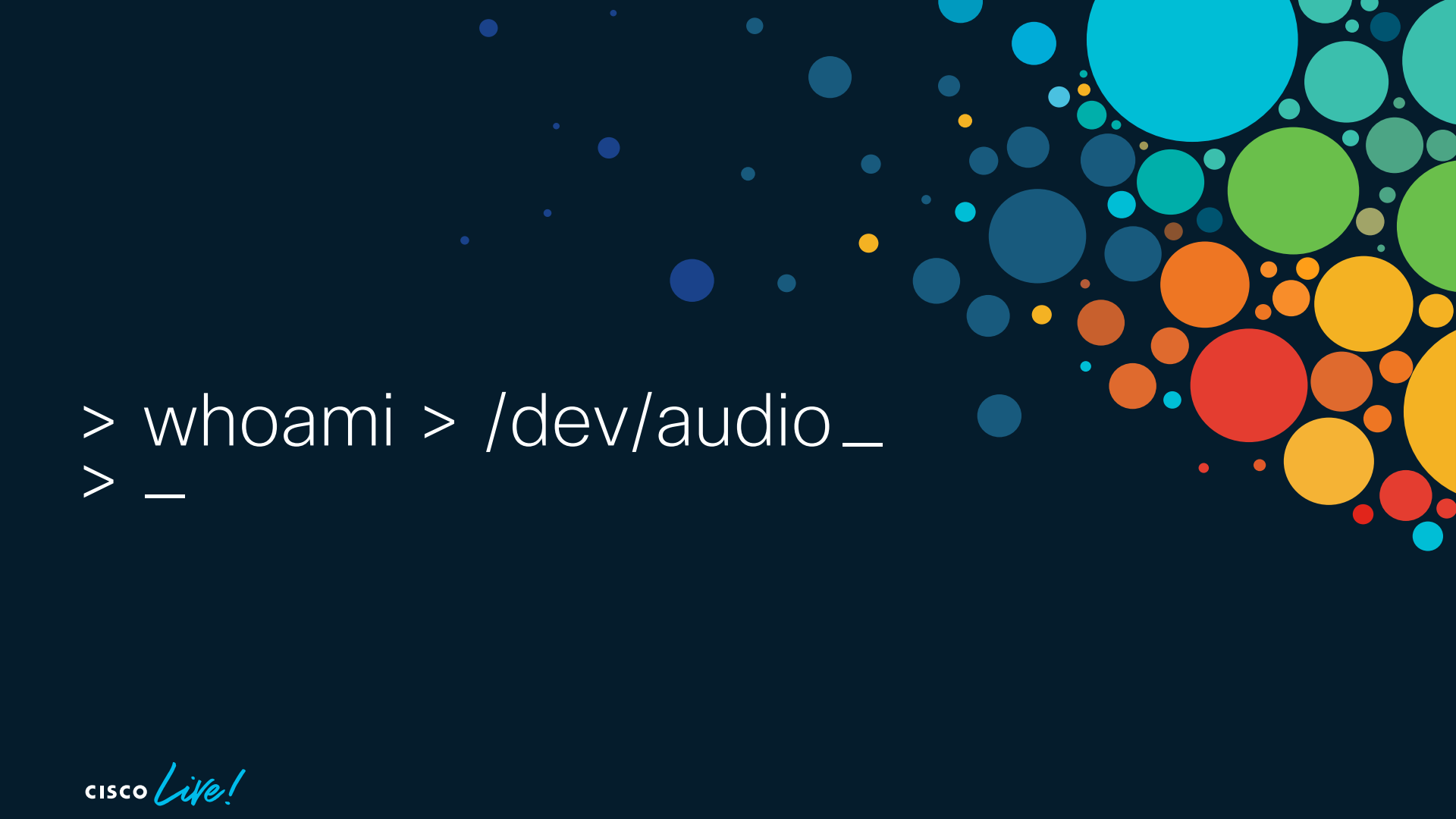
- 1 Find this session in the Cisco Live Mobile App
- 2 Click “Join the Discussion”
- 3 Install the Webex App or go directly to the Webex space
- 4 Enter messages/questions in the Webex space

Webex spaces will be moderated until February 24, 2023.



A (4.45x) blast
from the past






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> whoami > /dev/audio_  
> _
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Agenda

- Today's Security Landscape
- Secure Access Services Edge Architecture
Protect
- Managed Detection and Response
Detect
- Incident Response
Respond
- Conclusion



By 2025, organizations that have created dedicated hybrid security policies and developed a culture of trust will be 3x less likely to suffer a security breach.

IDC, 2022

IDC FutureScape: Top 10 Predictions for the Future of Work
<https://www.idc.com/getdoc.jsp?containerId=prUS49931422>

How Repsol responded



Industry: Energy

Company size: EUR 21.9 billion (2021 Revenue)

Location: Madrid, Spain

A Secure Transition To The Cloud



Challenges

- Sustainability
- Desire for increasing security posture
- Ensuring flexibility and efficiency in
 - hybrid work and
 - customer experience

Solutions

- Cloud migration with high security standards
- Use of automation and AI to proactively address millions of security threats

Outcomes

-  Migrated nearly 65 percent of infrastructure to the cloud so far
-  Quicker and more secure product deployments
-  Reduced attack surface

Transformational Drivers

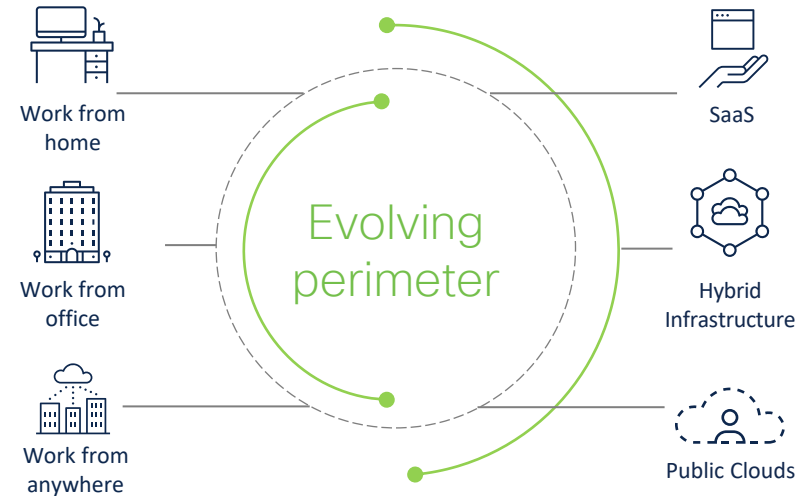
Hybrid work is dispersing and expanding the threat landscape from data center to cloud to edge

SaaS is on the rise to standardize applications for secure experiences

Cyberattacks and ransomware continue to increase

Security talent and expertise continue to be scarce

Digital mindsets expect frictionless consumer and workplace experiences



Transformation Promises



Frictionless experiences



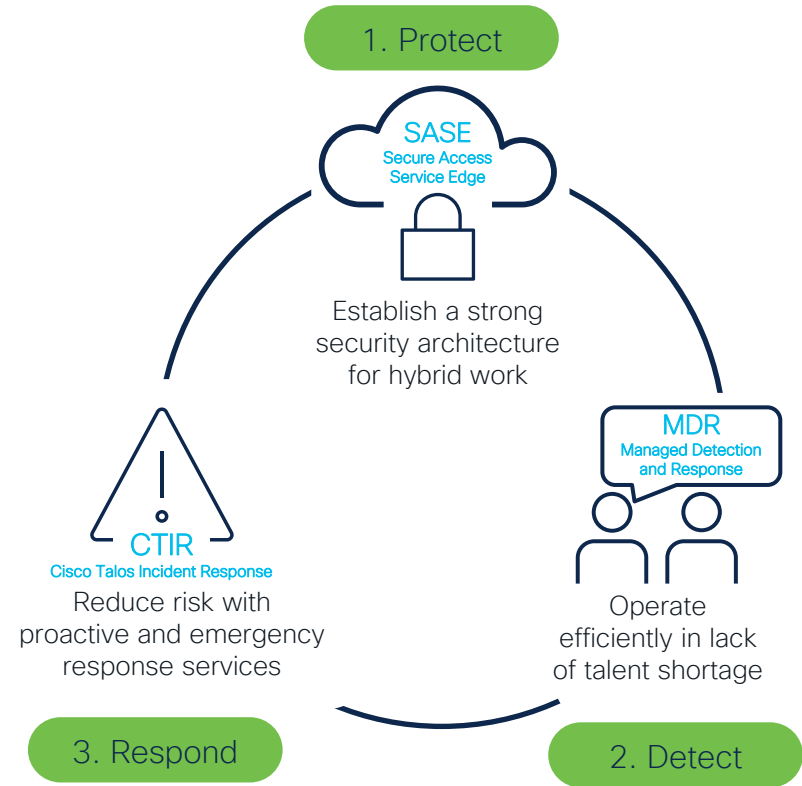
Increased Application Performance



Optimized Efficiency

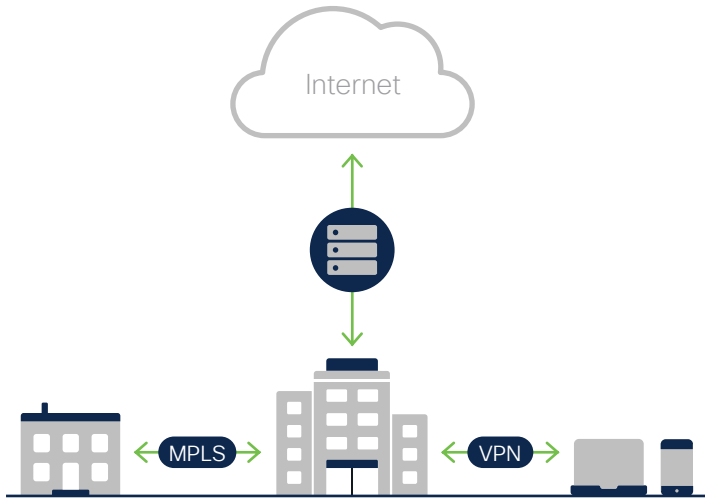


Risk Reduction



Architecture Changes

Before



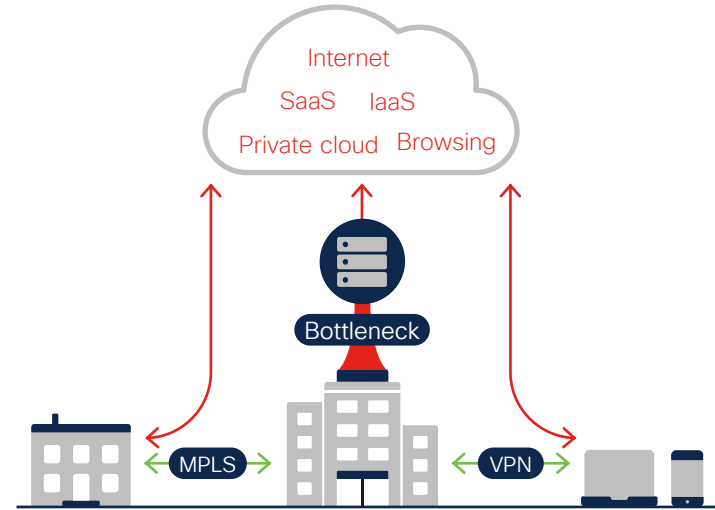
Apps: Hosted in data center

Users: Connected to corporate network to work

Network: Centralized

Security: On-premises security stack

After



Apps: More hosted in the cloud

Users: More work done off-network

Network: De-centralized

Security: Gaps in protection

A Secure Architecture For A Hybrid World

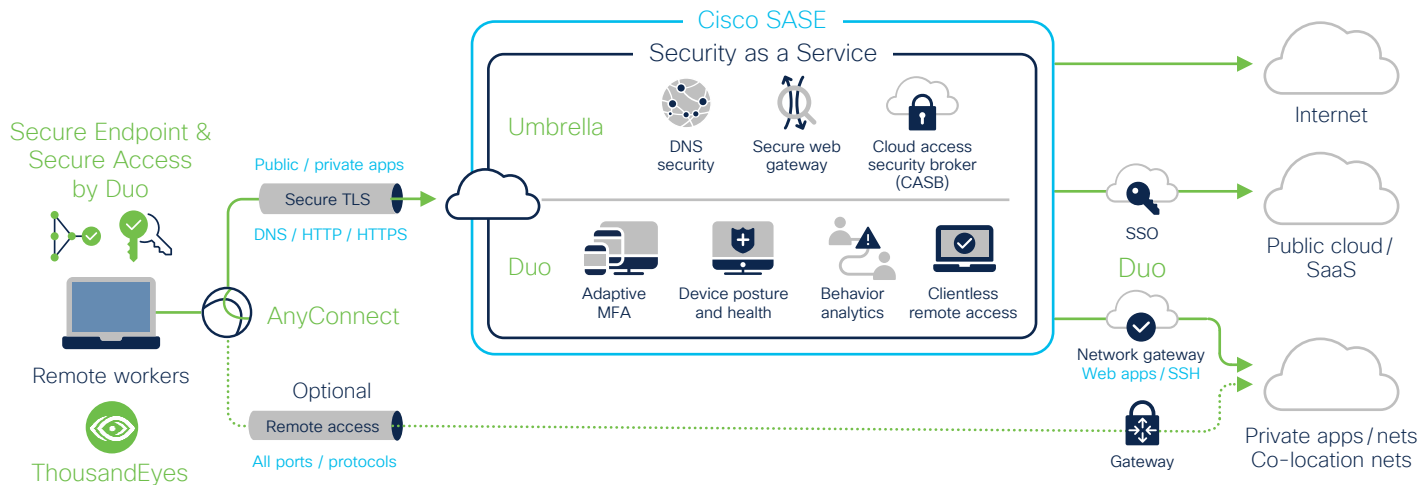
Drives the need for a secure access service edge (SASE) architecture

Core Elements

- Cloud security
- Zero trust secure access
- Remote access + ZTNA
- Observability

Enhancements

- MDM
- Endpoint security



Why Cisco?

- Pioneer in DNS security
- Leader in zero trust
- One of the largest commercial threat intelligence team in the world
- Largest SD-WAN solution provider with 30k customer deployed
- Ranked #1 in the industry for security efficacy

Security Operations Challenges

Challenge: **Expertise**



Challenge: **Time**



Challenge: **Evidence**



How Cisco Secure MDR helps:



Focused visibility
across your entire
attack surface,
spanning cloud,
network, and endpoints



**Advanced security
operations** through
integrated threat
intelligence to prioritize
threats



Accelerated detection
to ensure consistent
and disciplined
response actions

Cisco Secure Managed Detection and Response

Enable efficient SecOps



Why Cisco?

- **Expertise** – we have elite security teams located in our global SOC's
- **Intelligence and Automation** – we have a cloud-based, analytics and automation capability supported by Talos threat research
- **Playbooks** – we utilize SOAR to respond threats using response action playbooks and action plans aligned with your security operations policy
- **Technology** – our integrated cloud security architecture provides visibility across cloud, network, and endpoints

Everyone Has Incidents

Even with a robust security posture, you can still experience a breach

Challenge: Expertise



Challenge: Time and expertise



How Cisco Talos Incident Response Retainer helps:



Proactive services

Prepare or test before a breach happens



Emergency Services

Help when you need it

Cisco Talos Incident Response Retainer

Enables predictable, effective, and rapid responses to security breaches

Proactive

- Intel on Demand
- Plans/Playbooks
- Tabletop Exercises
- Threat Hunting
- Purple Team

Emergency

- Coordination
- Triage
- Investigation
- Containment
- Remediation recommendations

Why Cisco?

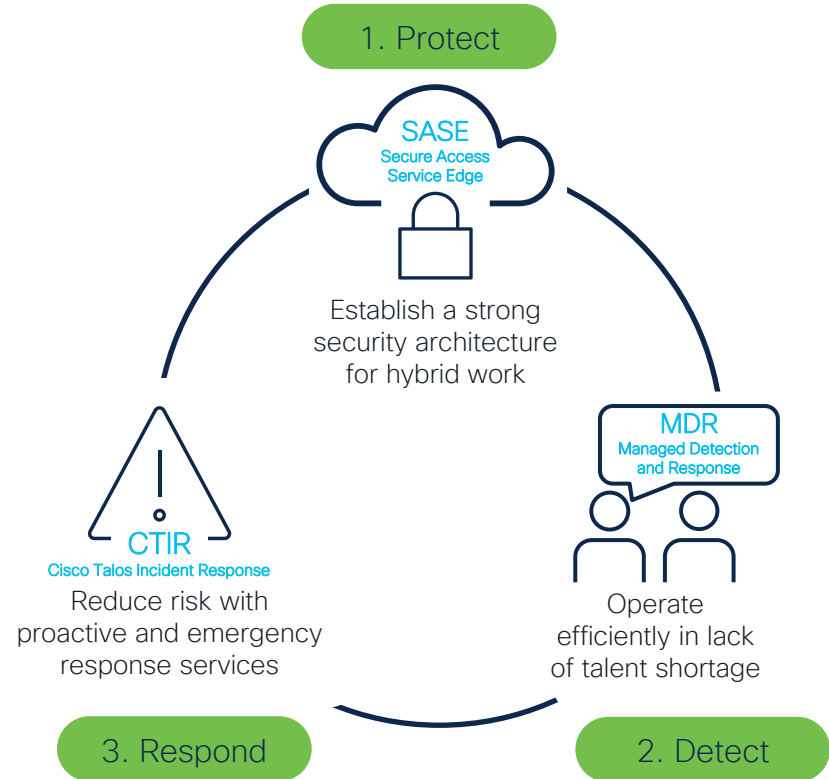
- Talos is the largest commercial threat intelligence group in the world
- We have over 400 global intelligence researchers and responders
- We raise the bar for defensive technology and protect 1.7M networks, 50M mailboxes, and 87M endpoints globally

Summary

Secure the hybrid work to hybrid cloud continuum with **Cisco Security Services** that enable transformational experiences for your workforce, partners, and customers.

We can help you:

- Preempt problems with a strong SASE architecture
- Minimize the impact of breaches with early detection through optimized operations
- Build security resiliency through proactive and emergency response services



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Learn how to win a Brompton P Line Urban Foldable Commuter bike prize package!

3

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RIDE TO POSSIBLE

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4. [Enter](#) to win a Brompton P-Line Urban Folding Commuter bike prize package! (A value of €3,500)

Hint: check out the map in the app for locations

Sweepstakes Rules:

- Sweepstakes drawing results will be for (2) Brompton Urban Folding Bikes.
- Drawing to take place Thursday, 9 February, 2023 at 16:00 CET in the CX Stand in the World of Solutions.
- Winners must be present to win, at the time of drawing.
- Winners must claim their prize immediately after the winners are announced.

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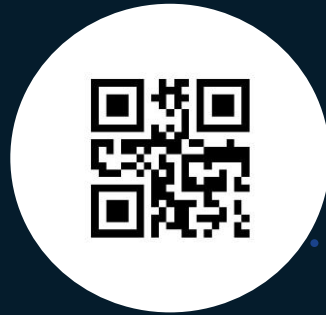
The bridge to possible

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