

RSAC[®]Conference2018

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PULLING OUR SOCS UP VODAFONE GROUP AT RSAC 2018



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Pulling our SOC's up



Pulling our SOC's up



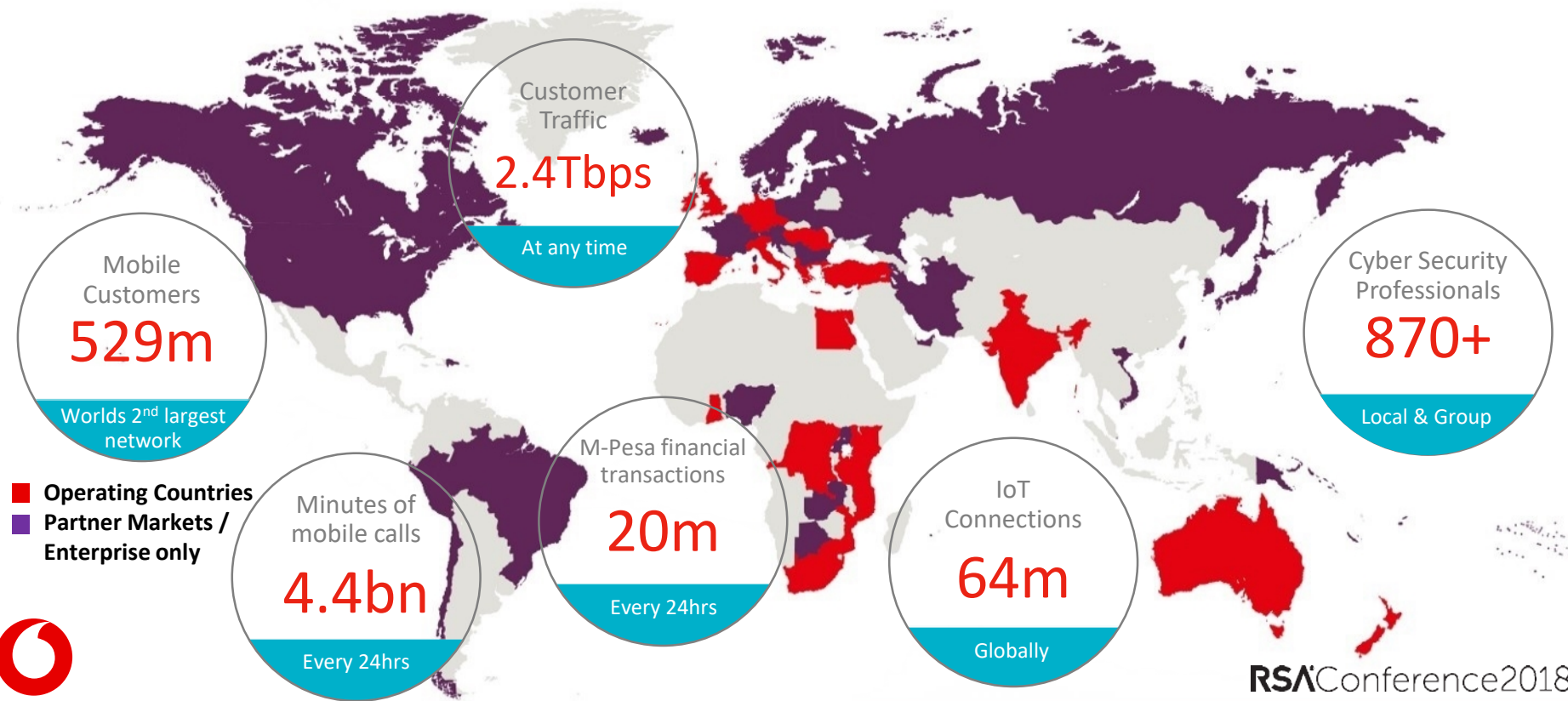
Introduction About Vodafone, Vision, Target State

Approach More than a SOC, Threat Scenarios, Tech Choices, Culture

Key Messages Learnings and Benefits, Future



A bit about Vodafone





a secure digital future
for our customers



Security Strategy 2020



Strong Security Basics



Cyber Defence

- Threat Intelligence
- Connect and Detect
- Discovery and Hunting
- Security Response
- People, Process & Technology



Future Focused



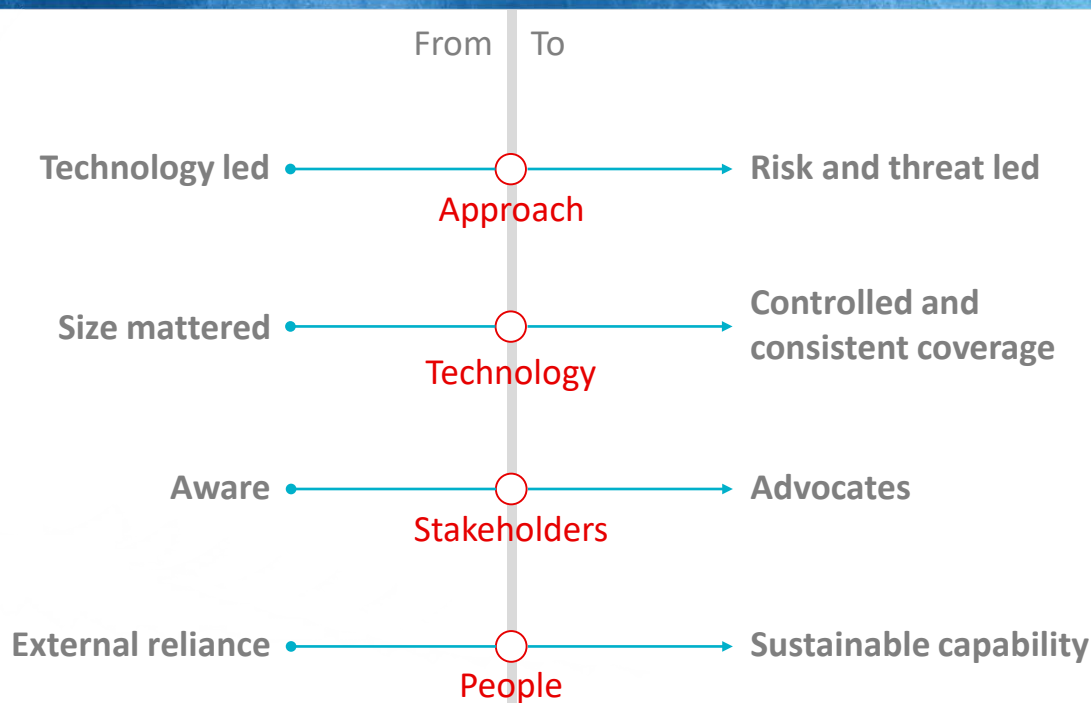
Risk, People & Culture



Customer Security



Our Target State



Cyber Defence (More than just a SOC)



Prevent



Detect



Respond

Threat Intelligence

Security Infrastructure Services

Security Testing

Active Monitoring, Hunting & Analytics

Incident Management

Forensics and eDiscovery

Centre of Excellence



1st Evolution Threat Scenarios



System
Compromise

Phishing

Social
Engineering

Malicious
Comms

Unauthorised
Access

User Access
Management

Potential Policy
Violation

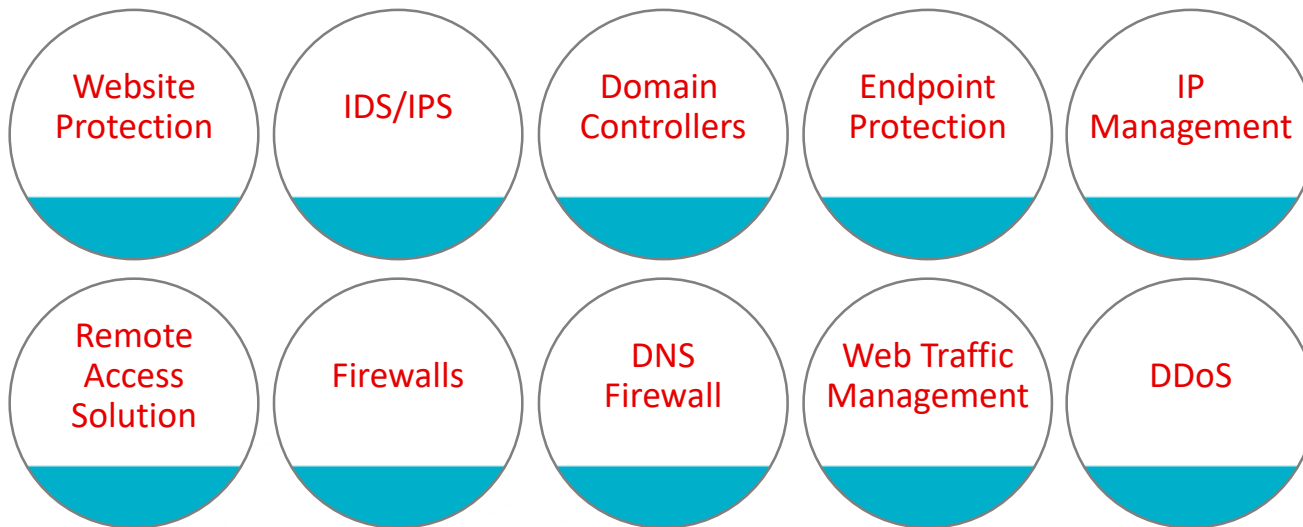
Denial of
Service

Compliance or
Legal (PCI)

Web Monitoring



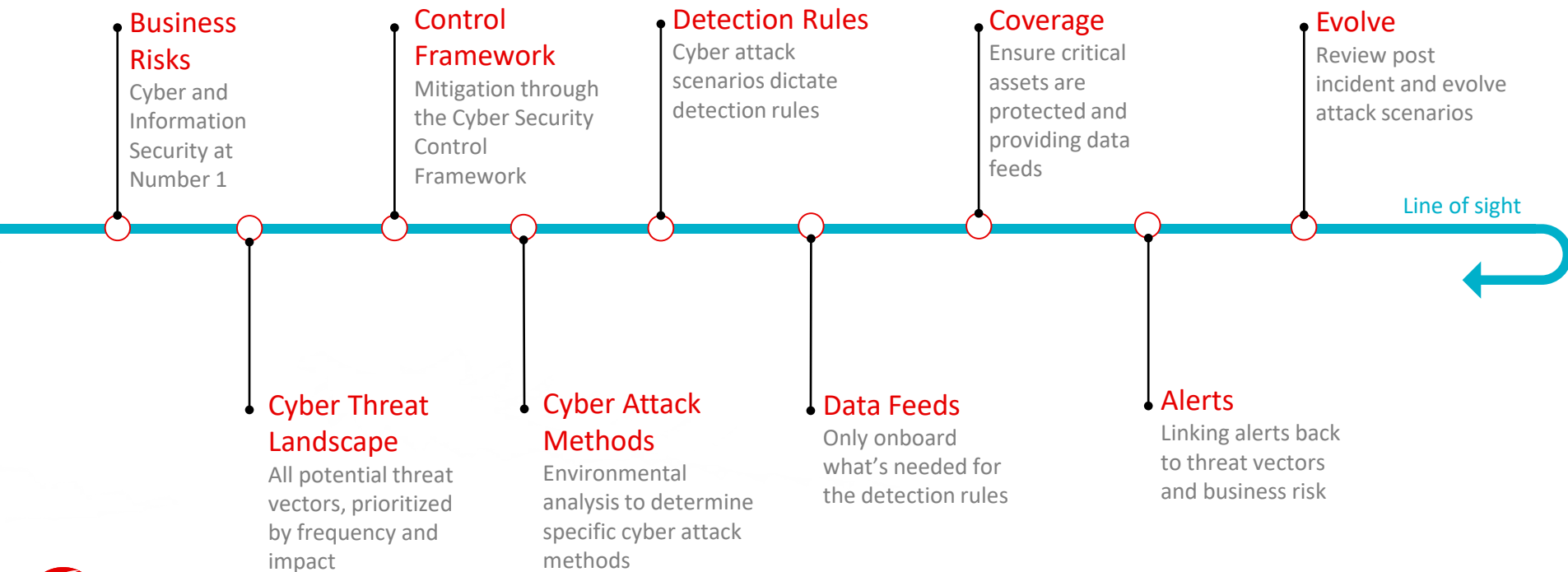
Connect and Detect Data Feeds



Unifying focus for all stakeholders to provide these
Device Types under a Connect and Detect programme



Cyber Risk Line of Sight



Next Evolution Cyber Attack Method Groups



Malicious,
Compromised or
Exploited
Software

Vulnerability
Exploitation

Account
Hijack

Social Engineering

Denial of
Service

Website
Attacks

Access
Abuse

Telecoms
Interception



Tough Tech Choices



Leadership, Culture & Team



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People & Culture



Neutral
Language

Pay
reviews

Personal
Network

2 female
candidates

Focus on
diversity

Apprentices
& Graduates

Set a
target



Security with PACE : Our Values



PACE

We deliver at the right speed to achieve the best results for our customer, and we do this by operating swiftly and in an agile manner

Passionate

and have a thirst to make a difference, to empower our teams, to enable our customers

Authentic

and transparent, focused on achieving the right results in the right way. We act with integrity and strive to be our best self



Vodafone
Security Values

Curious

and eager to learn, to innovate in the way we do things and we challenge, never accepting the status quo

Expert

and knowledge hungry. Our understanding of security is felt by our customers, colleagues and our team. We are open and share knowledge

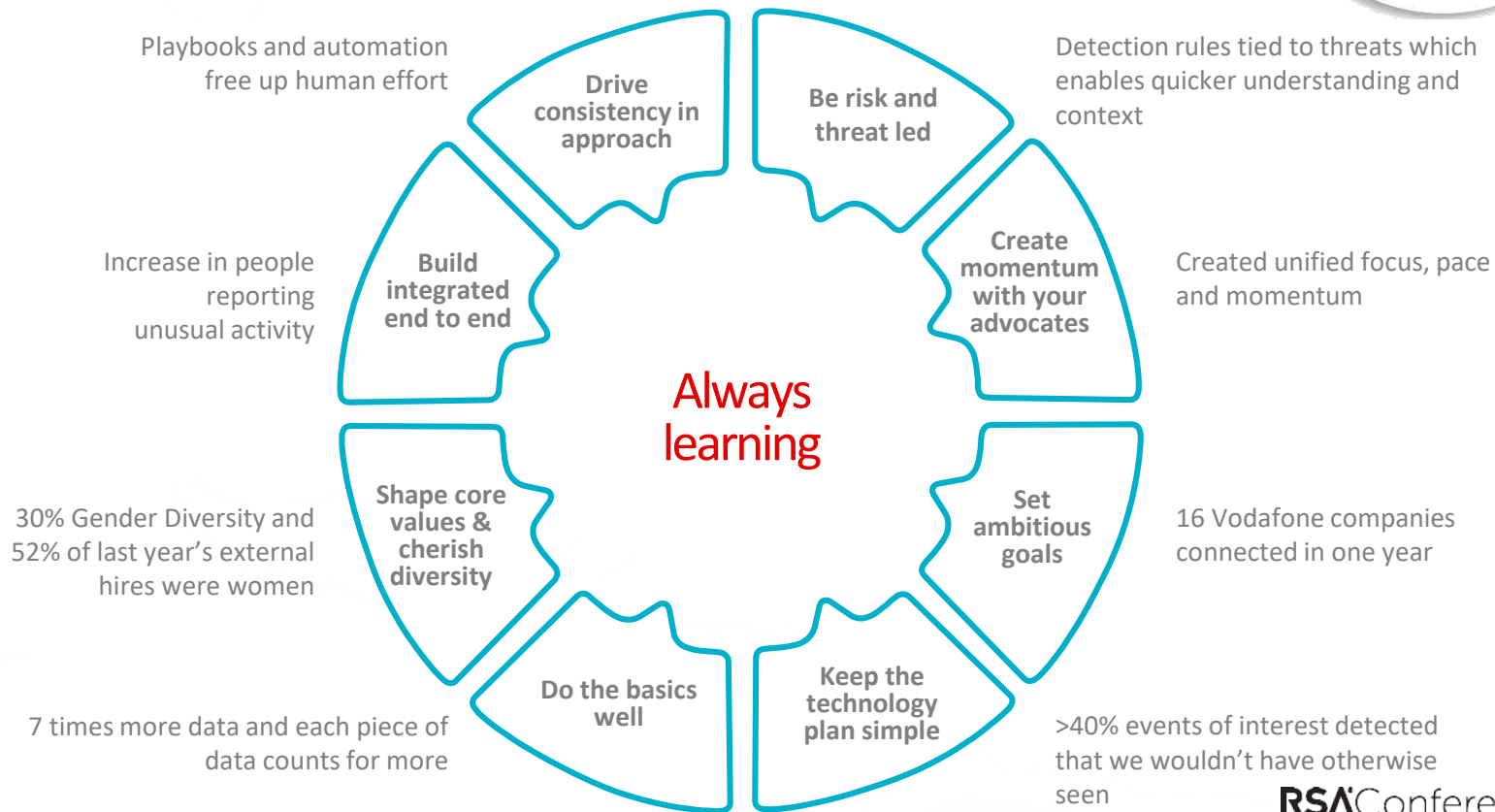


GTS

#SecuritywithPACE

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Learning and Benefits



In the future, we will...



Keep connecting and detecting

Beyond IT: Networks,
5G, Cloud and IoT

Invest in our people

Develop the things that
bind us together - our
people and our culture

Implement new technologies

Balance between SIEM
and big data analytics

Be efficient and automate

Automate routines and
empower people

Embrace learning

By collaborating,
sharing, curiosity and
embracing failure



Apply Pulling Our SOC's Up



Next week

Ask yourself; "Can I link my SOC activity back to my business risks?"

Next three months

Ask yourself; "Do my Cyber Security plans have aspects covering people, culture, processes and technology?"

Next six months

Ask yourself; "Do I have senior advocates for my Cyber Security plans?"



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