

RSA[®]Conference2019 **Asia Pacific & Japan**

Innovate to Future Proof 2025



In the beginning...

#RSAC

Gallic Wars



58-51 BC

CCTV



1942

Worm



1975

Orange book



1983

Phishing



1995

1923



Enigma



Phreaking

1990



Internet

Innovate to future proof 2025

RSA®Conference2019
Asia Pacific & Japan

TELSTRA 

RSA[®]Conference2019 Asia Pacific & Japan

Singapore | 16–18 July | Marina Bay Sands

SESSION ID: SEM-T02A

Future of the CISO

Kate Healy

Principal Cybersecurity Strategist



BETTER.

#RSAC

**Now that we've got
your attention...**

**“ Cyber security is
an Enterprise-wide
risk management
issue, not just an IT
issue**

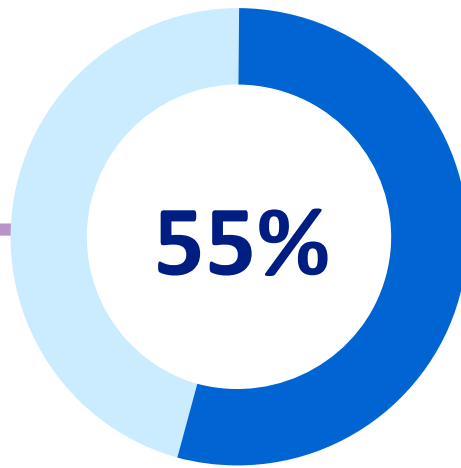
**National Association of
Corporate Directors**





Governance, Compliance and bears. Oh My!

Q: Have you been fined for being in breach of any new legislation enacted in the past 2 years?



Source: Telstra Security Report 2019

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Changing trends in security

Critical infrastructure



Oil & gas



Energy



Manufacturing



Heavy industry



Mining



Utilities

Connected Industries



Health Care



Agriculture



Cities



Education



Retail



Smart buildings

Security



Ransomware



Malware





DDOS




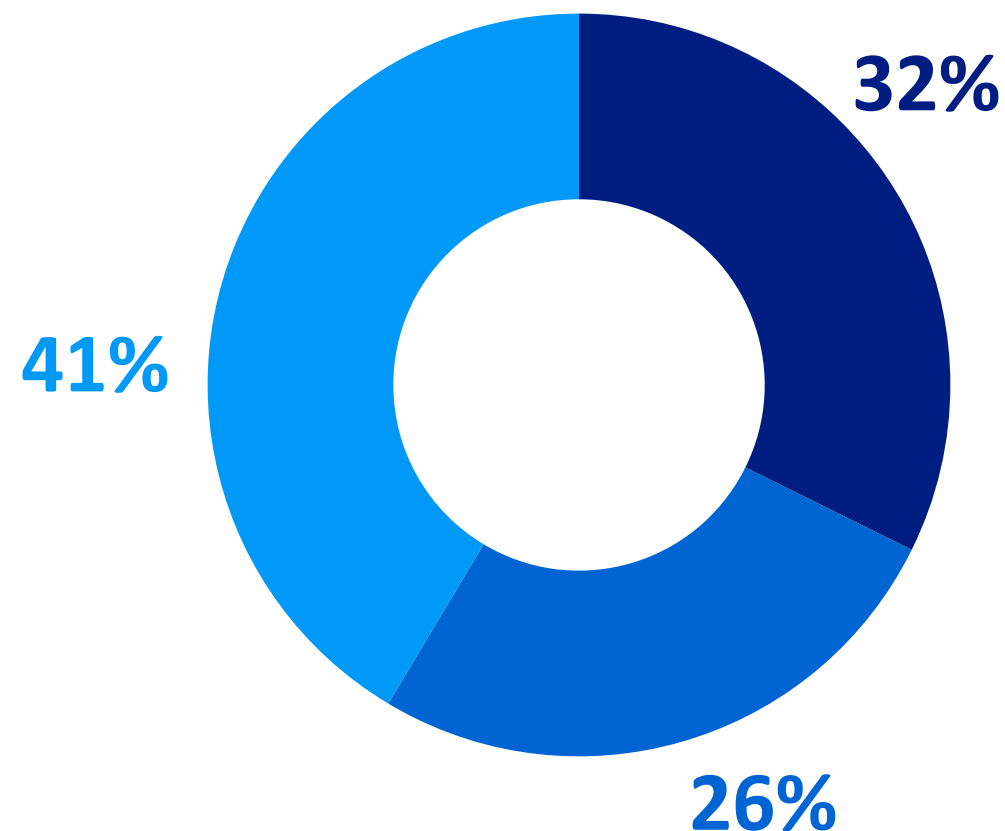
Unsecured
webcams

To Cyber Security Decision Makers: Do you have responsibility for decisions made for overall electronic security spend in your organisation?

 Yes, I make the final decision in my organisation

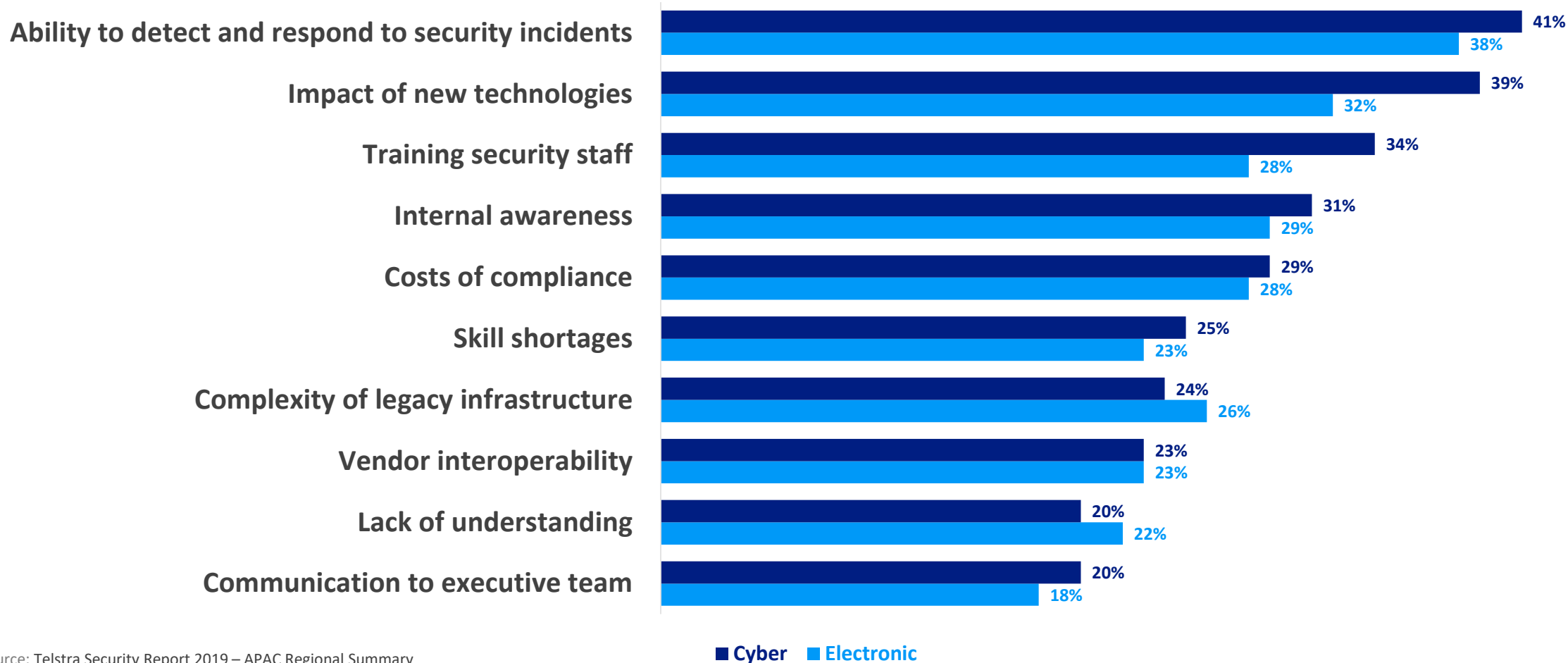
 Yes, I am one of the final decision makers in my organisation

 Yes, I contribute significantly to the decision



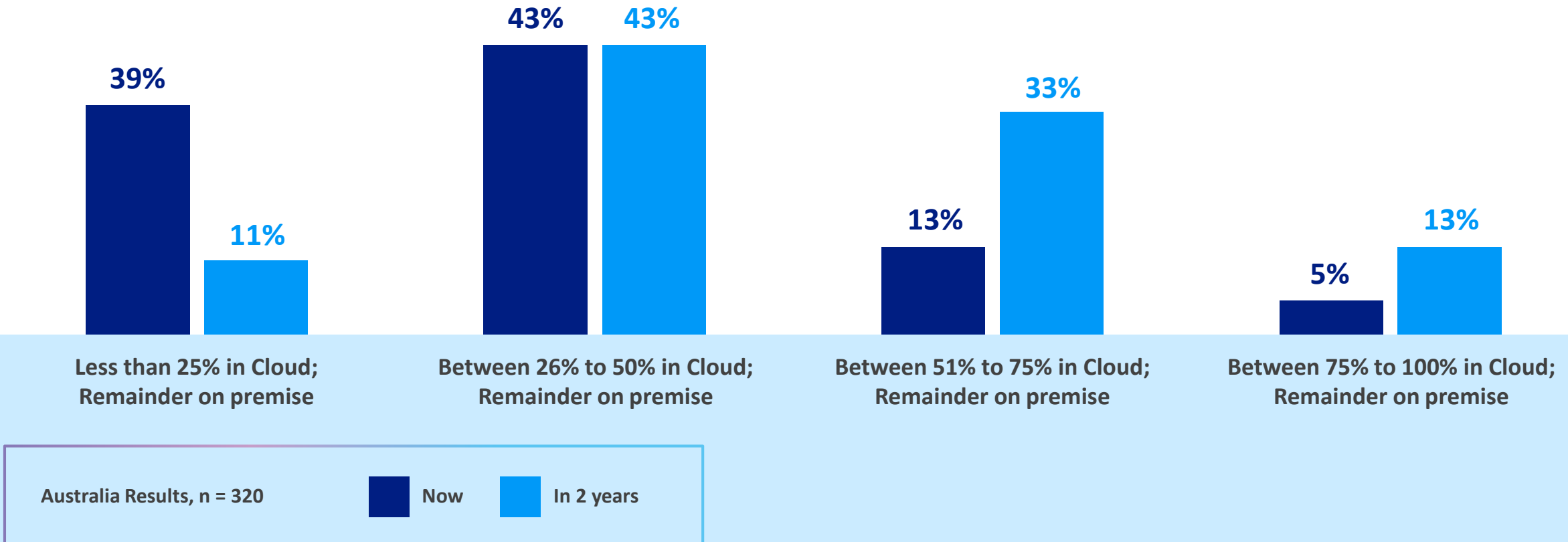
Source: Telstra Security Report 2019

What are the major challenges with regard to Cyber and Electronic Security Operations?



Source: Telstra Security Report 2019 – APAC Regional Summary

What percentage of workload do you have in the cloud today? What percentage do you anticipate in two years?



Source: Telstra Security Report 2019

Predictions



Top organisations will converge all security related functions and budget under the Chief Security Officer who will not necessarily be heavily technical and will likely have an MBA or similar



Security teams will take on a stronger Governance and Compliance responsibility, moving operational tasks into general IT



New technologies will continue to change the way we secure and the skills needed

So what now



1. Ask yourself

- What are the regulatory requirements and industry standards that affect you?
- How will convergence change the way you operate?
- What are the new technologies
- Do you or your team have the right skills?
- Will your strategy meet the future needs of your business

2. Put a plan in place to prepare for these changes