Cyber Security Department

Out of the shadows: CISO in the Spotlight!

Key results of the 2016 survey conducted by CPSI and PwC Luxembourg

CPSI

15 June 2016

pwc

Introduction

What's the profile of a Chief Information Security Officer (CISO) in Luxembourg? Where does he stand in the organigram? What challenges and opportunities does he have?

The "CISO in the Spotlight" survey, conducted by CPSI and PwC Luxembourg aims at shedding light on the CISO role in Luxembourg by looking at it from several perspectives.

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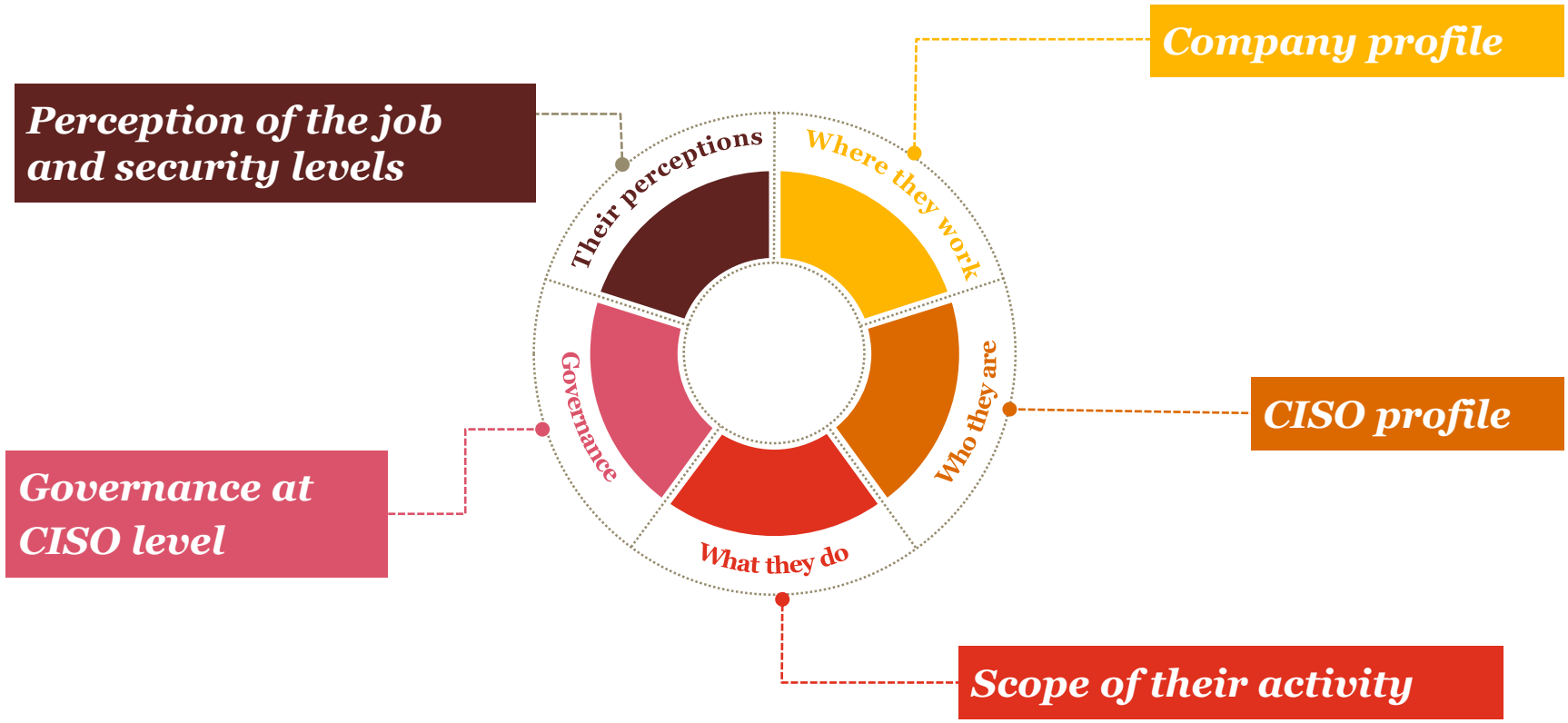
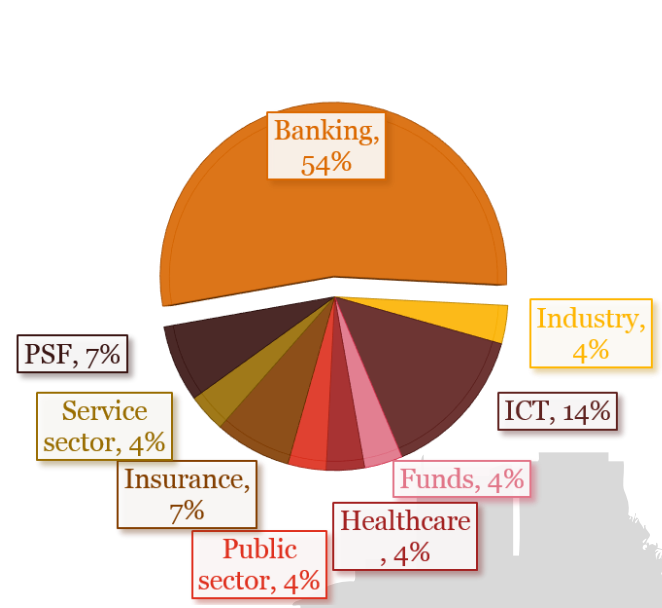
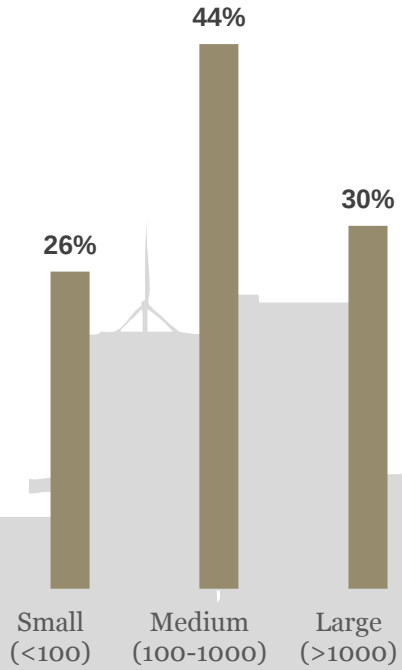
Scope of the survey



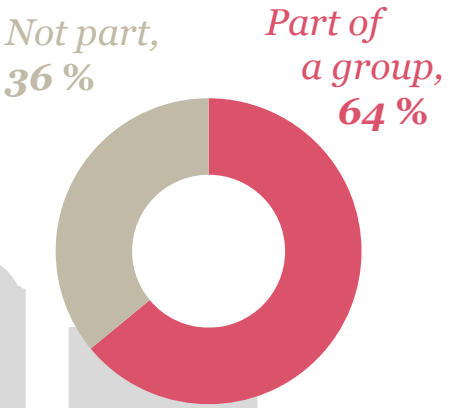
Company profile



Sector

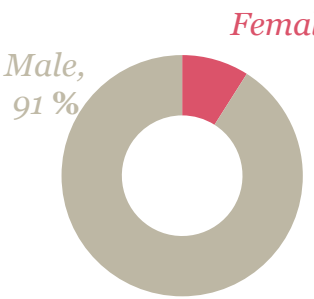


Size

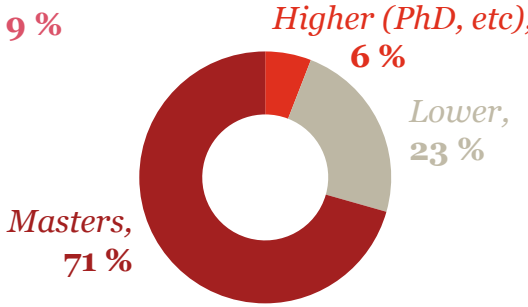


Corporate structure

Typical profile of a CISO



Gender



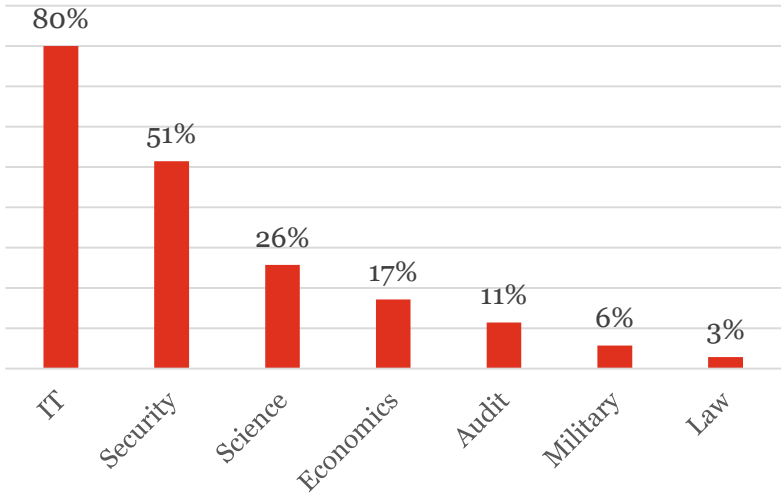
Qualification

As a CISO

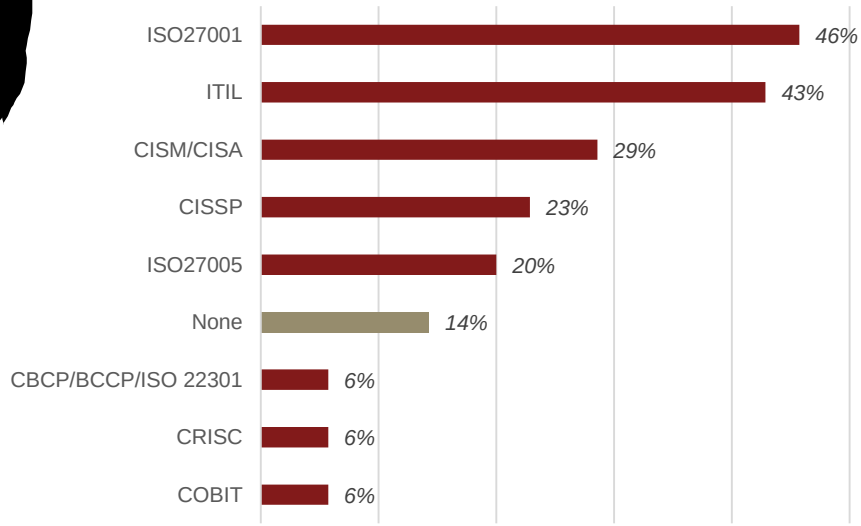
In security

In all sectors

Experience



Backgrounds



Others (<5 %) : ICT, Nates, HP AIS, …

Certifications

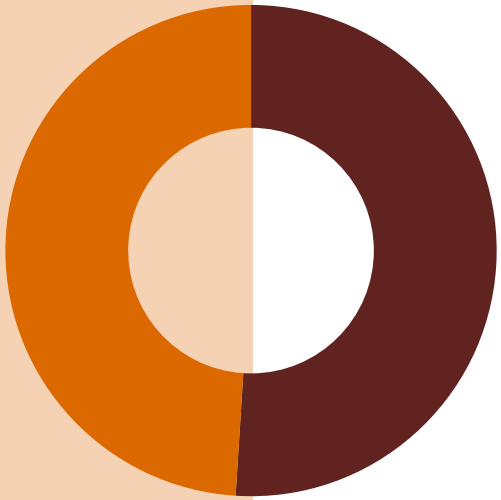
CISO's activity

CISO : a full-time role?

No, 49 %

***Other roles**:*

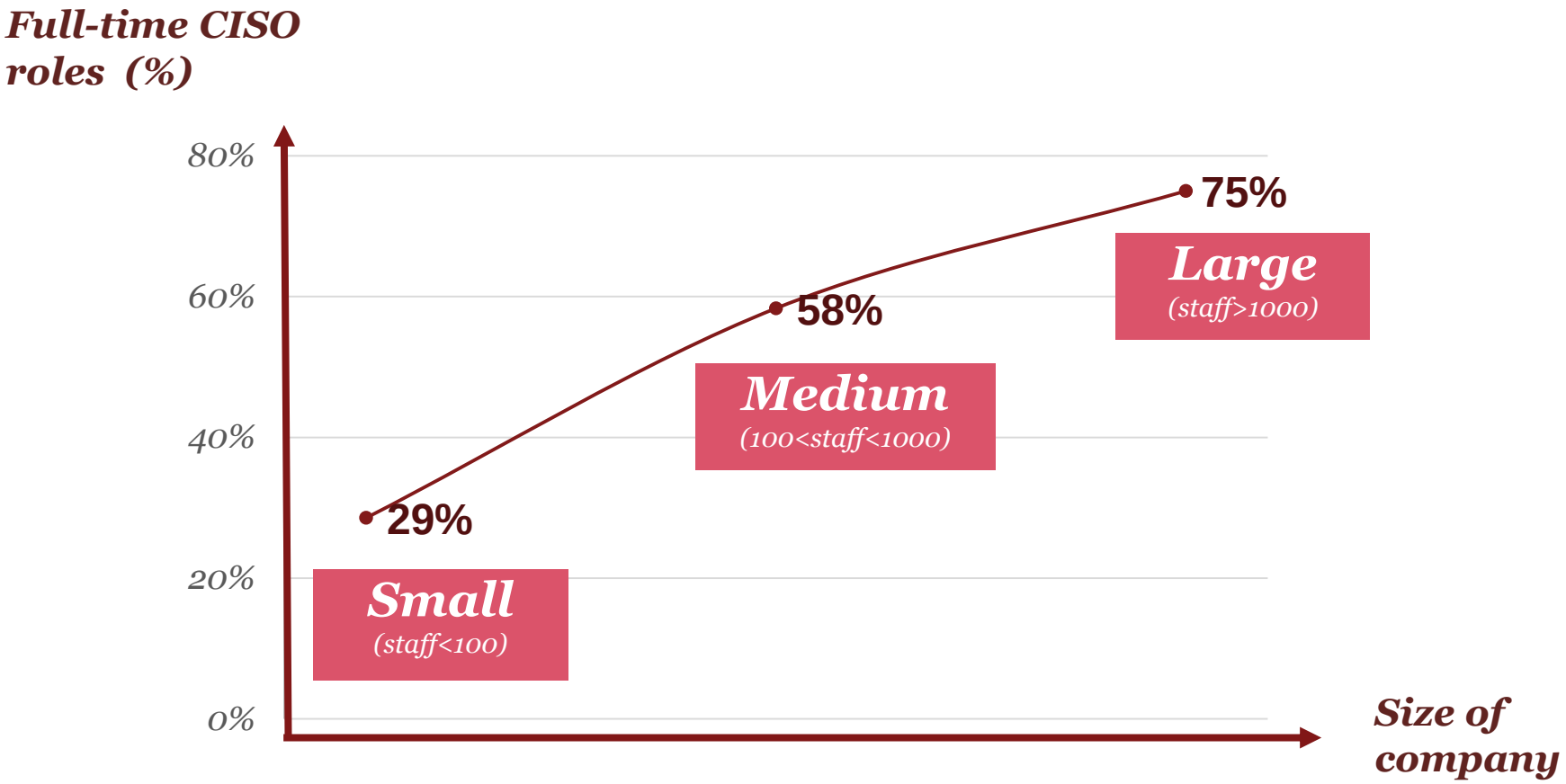
- *Chief Risk Officer*
- *Chief Infomation Officer*
- *Chief Operating Officer*
- *Data Privacy Officer*
- *Compliance Officer*
- *Organisation*
- *…*



Yes, 51 %

CISO's activity

Full-time CISO roles

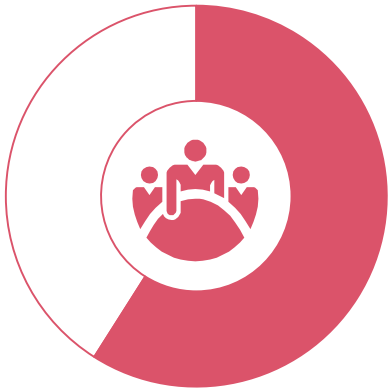


CISO's activity

Information security strategy

56%

are aligned with business strategy



59%

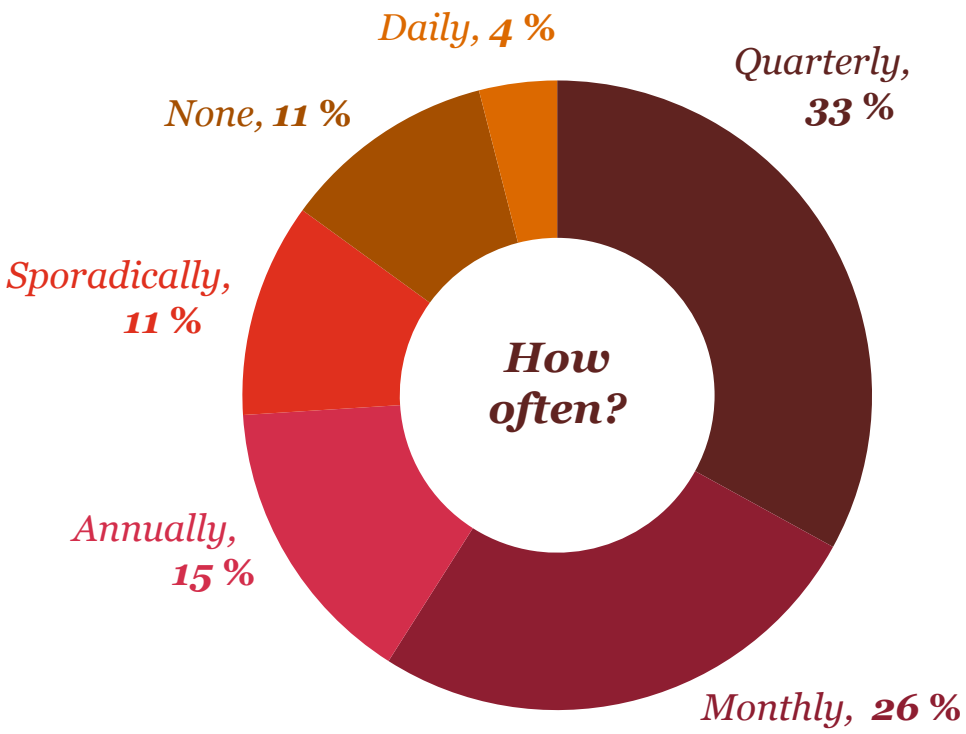
are approved by senior management

30%

outline future state of information security

CISO's activity

Use of metrics



50%

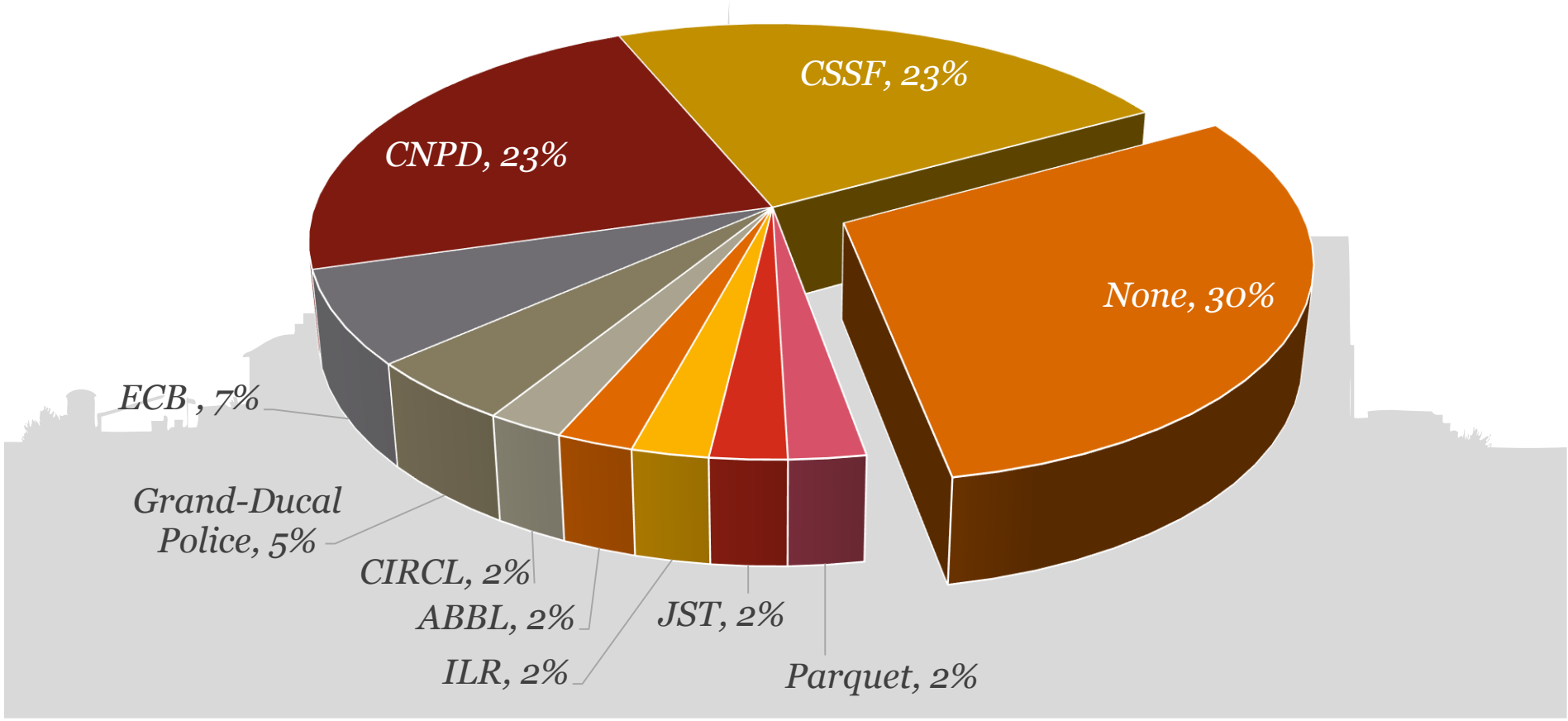
are reported to risk management

29%

are reported to CEO

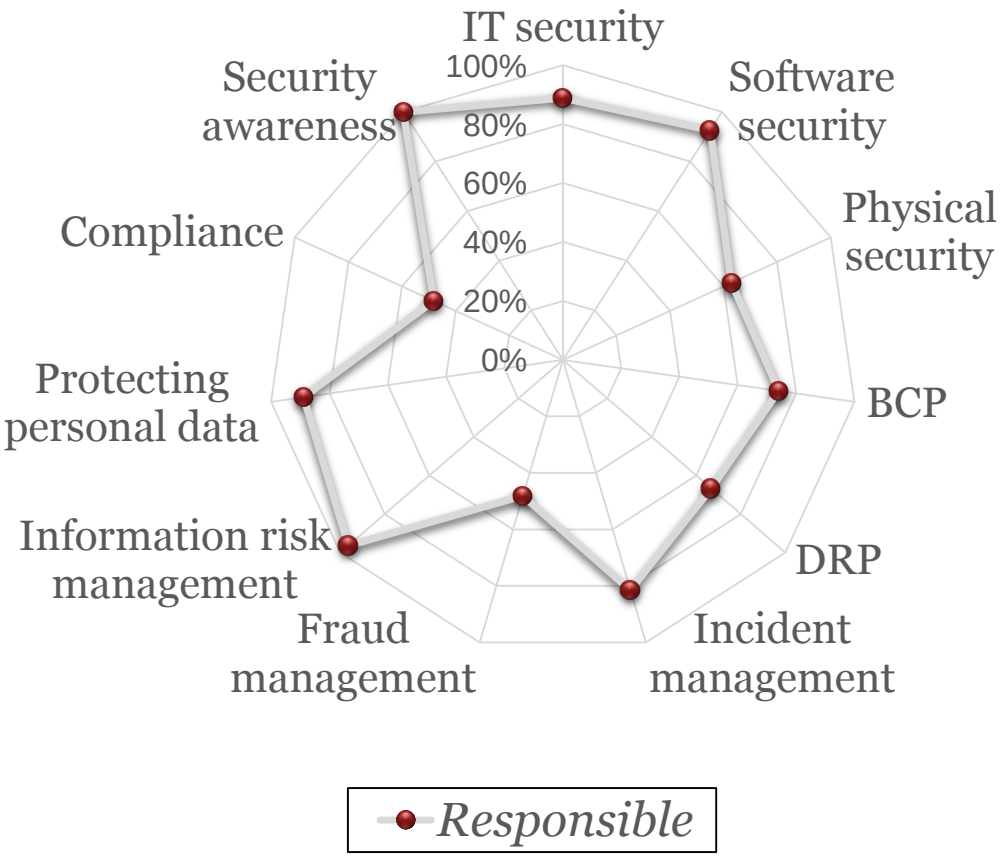
CISO's activity

Communication with authorities



CISO's activity

Responsibilities



52% *are not responsible for* ***compliance***

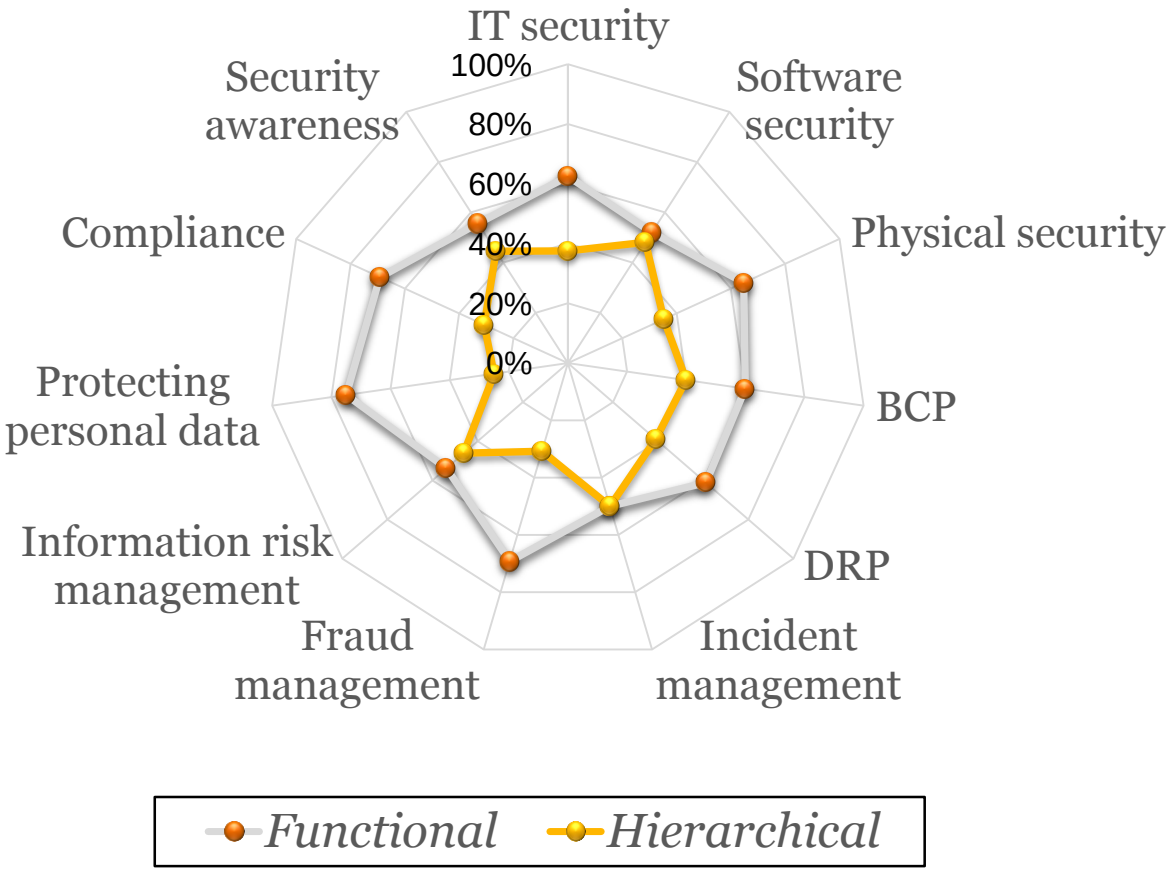
52% *are not responsible for* ***fraud management***

37% *are not responsible for* ***physical security***

26% *are not responsible for* ***BCP***

CISO's activity

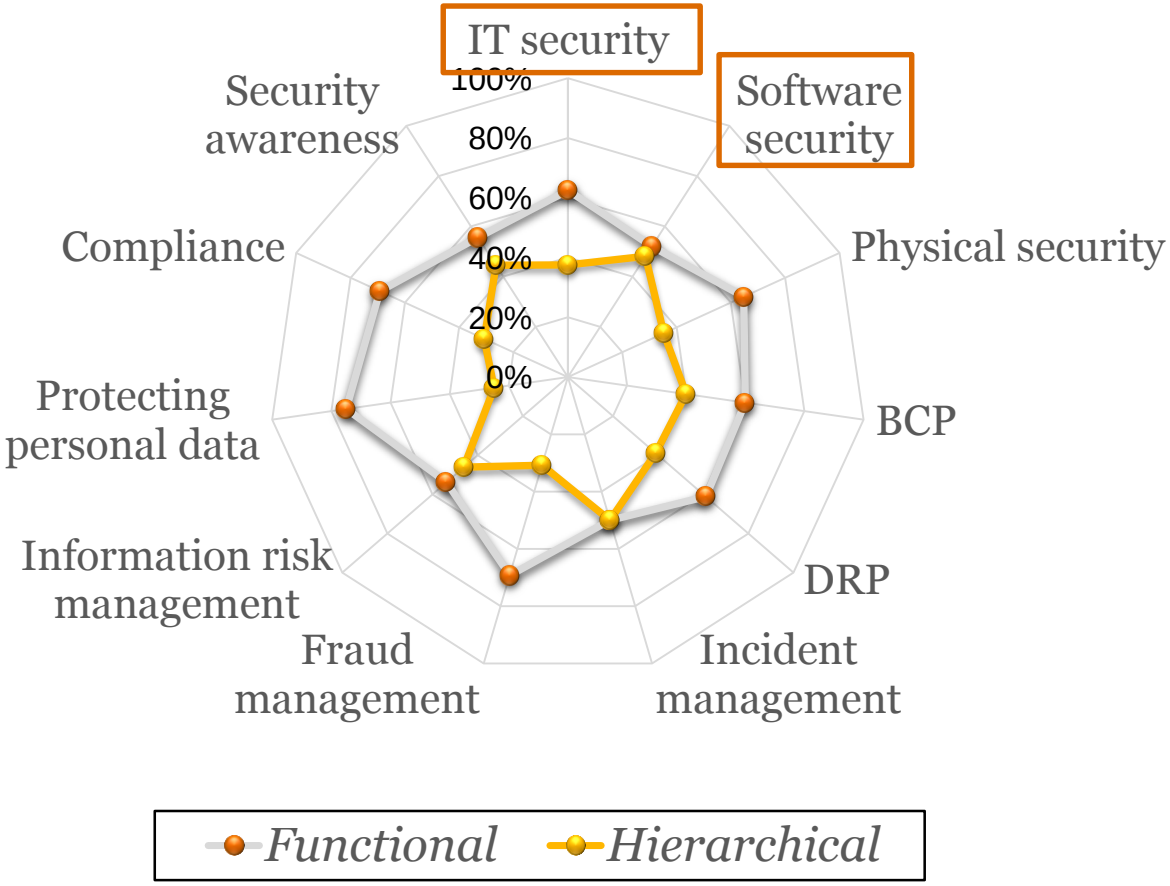
Responsibility type



*Most CISO's have **functional** responsibilities regarding security capabilities*

CISO's activity

Responsibility type



IT Security

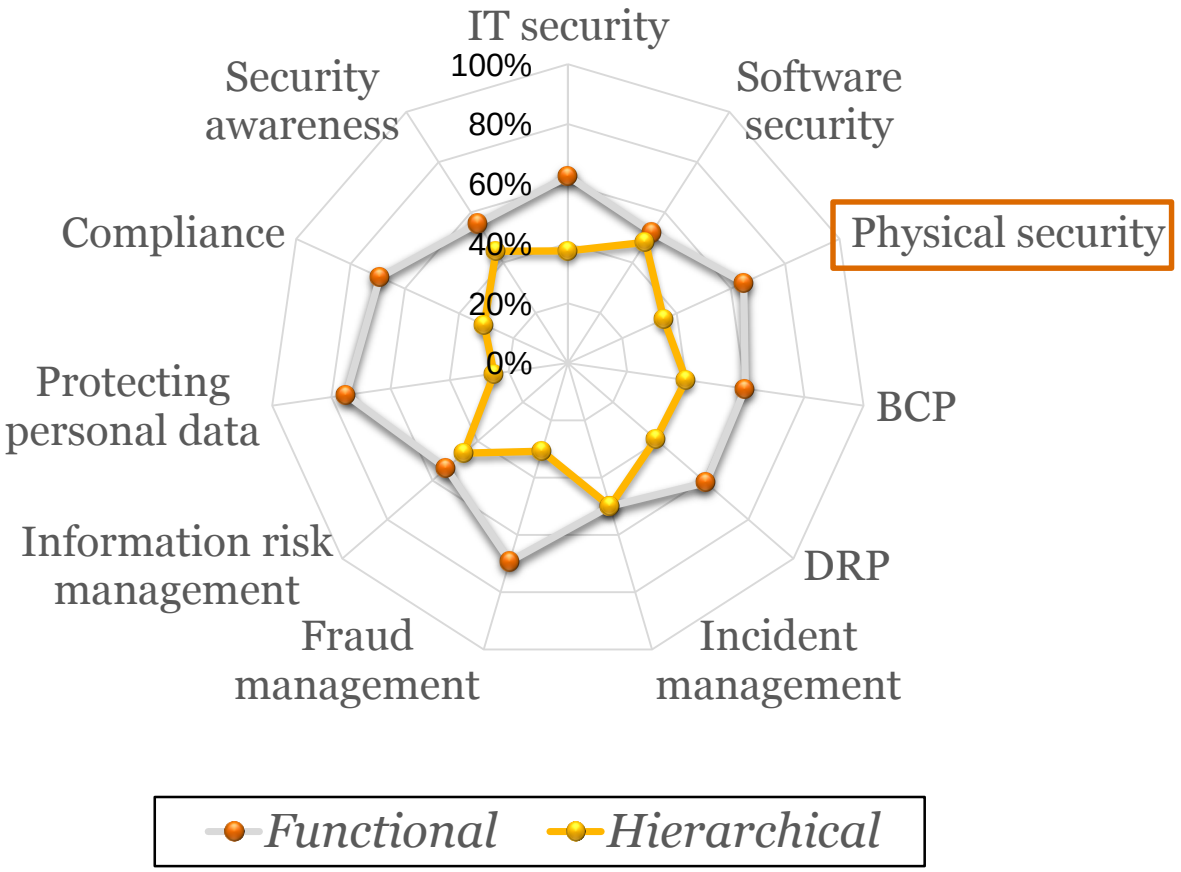
38% *have a hierarchical responsibility*

Software security

48% *have a hierarchical responsibility*

CISO's activity

Responsibility type

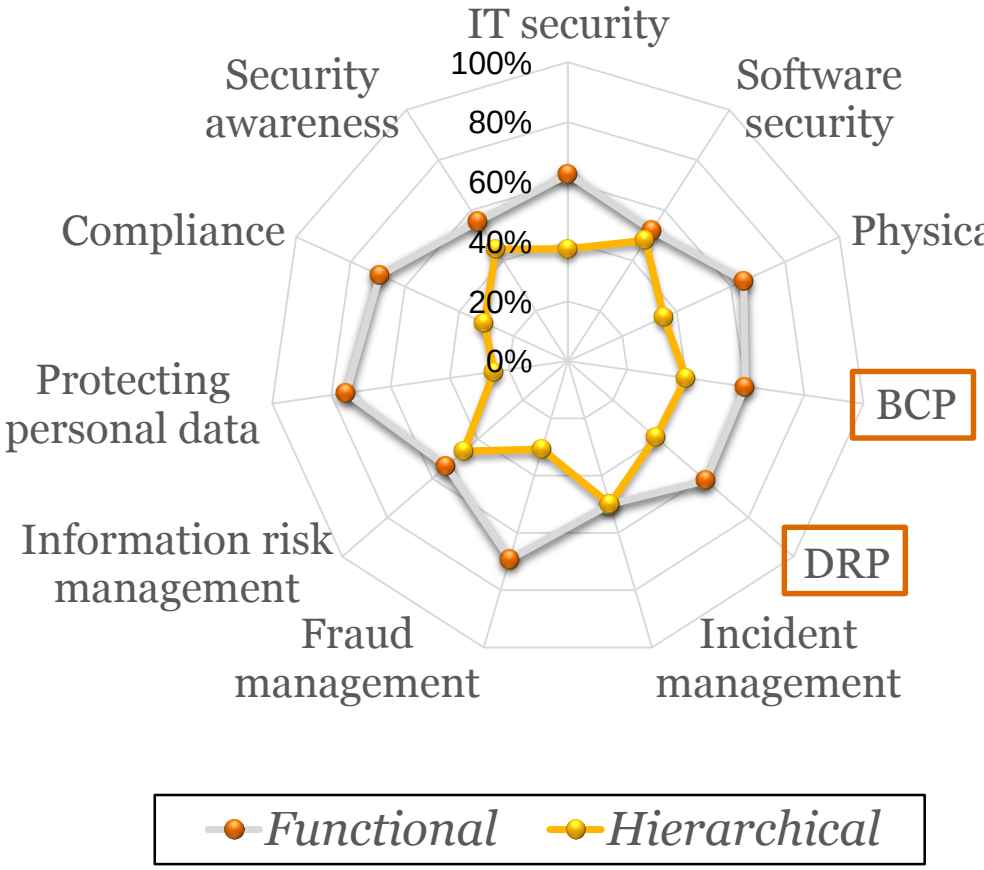


Physical security

35% *have a hierarchical responsibility*

CISO's activity

Responsibility type



BCP

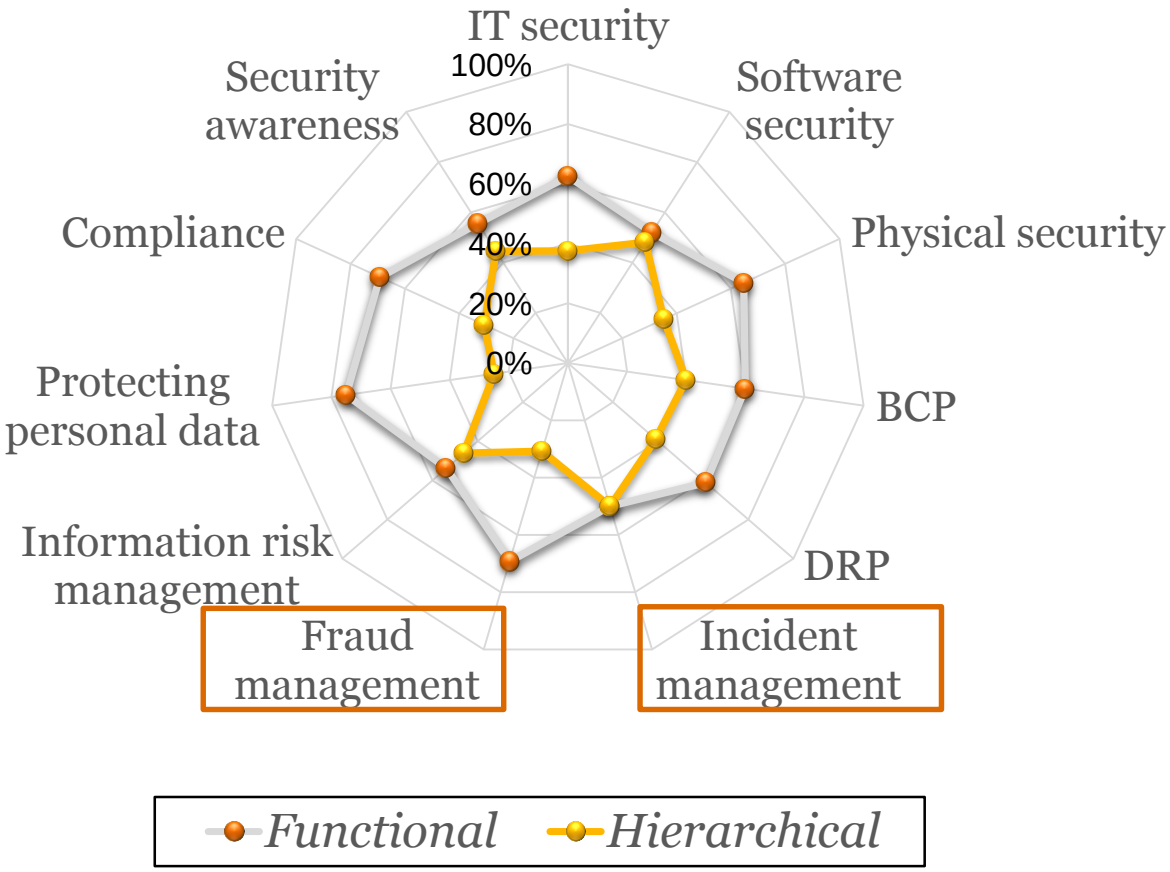
40% *have a hierarchical responsibility*

DRP

39% *have a hierarchical responsibility*

CISO's activity

Responsibility type



Incident management

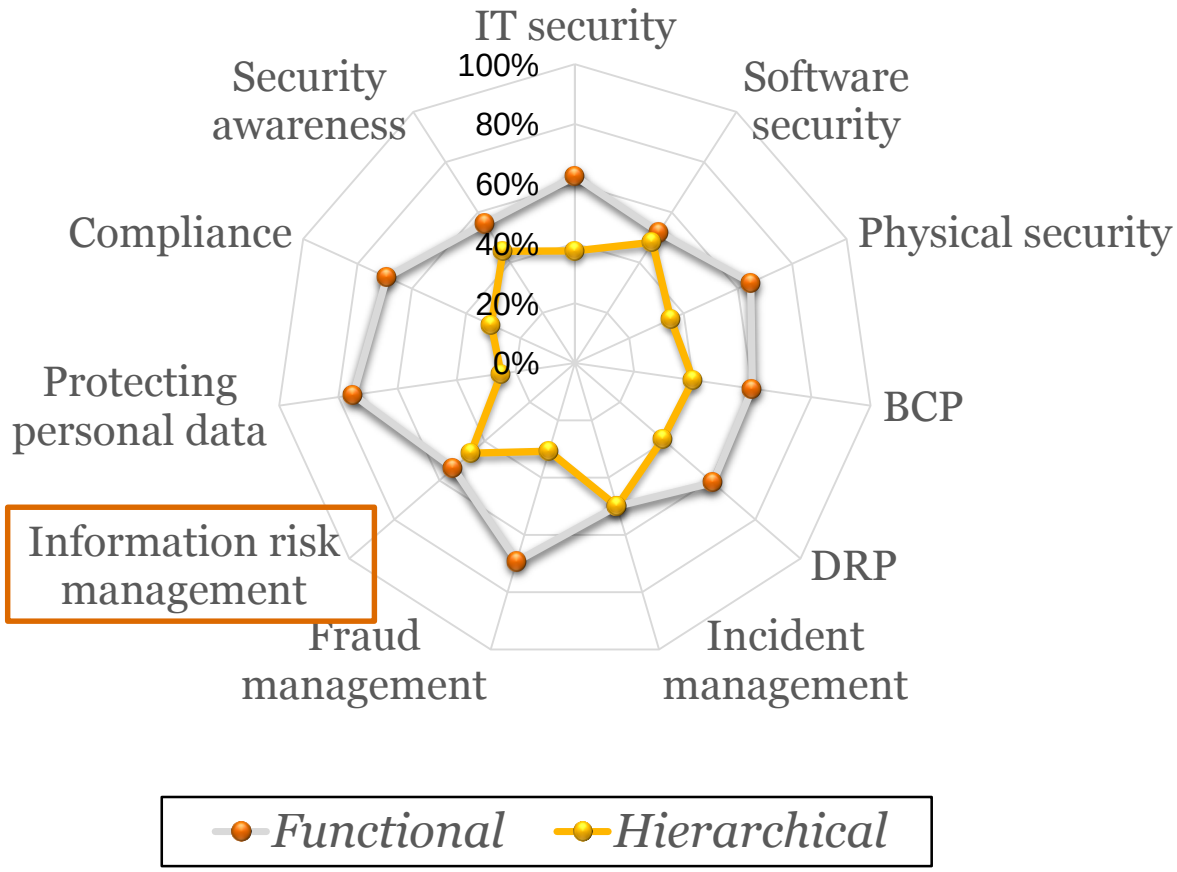
50% *have a hierarchical responsibility*

Fraud management

31% *have a hierarchical responsibility*

CISO's activity

Responsibility type

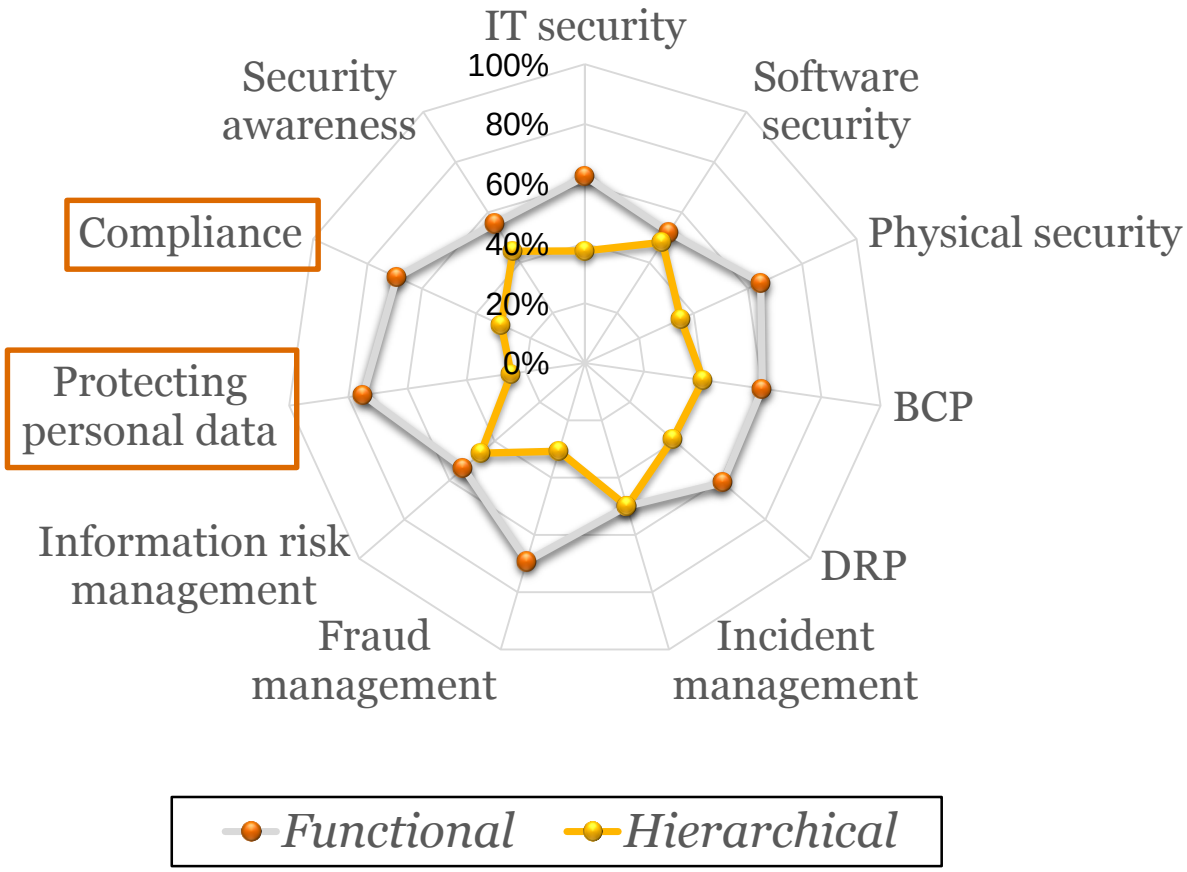


Information risk management

46% *have a hierarchical responsibility*

CISO's activity

Responsibility type



Protecting personal data

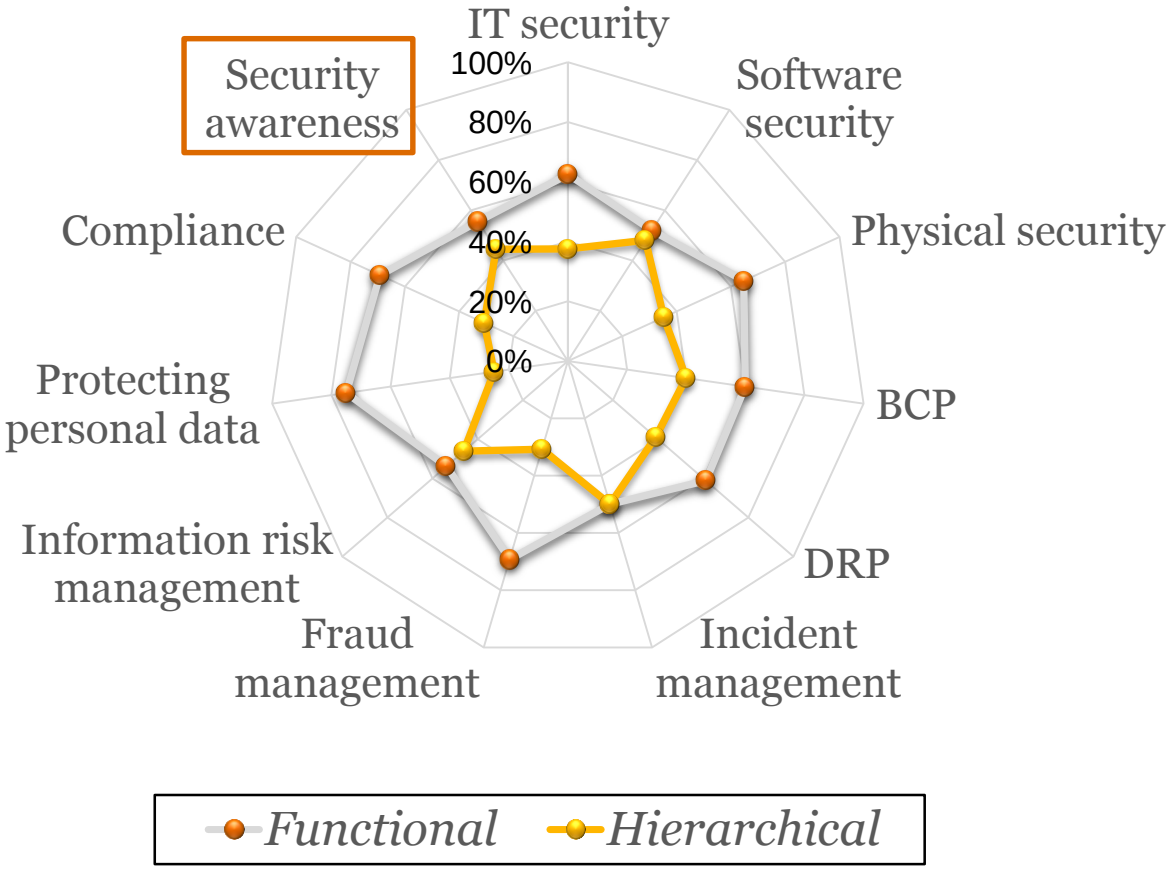
25% *have a hierarchical responsibility*

Compliance

31% *have a hierarchical responsibility*

CISO's activity

Responsibility type



Security awareness

44% *have a hierarchical responsibility*

Governance at CISO level

Do you report directly to a member of the Board?

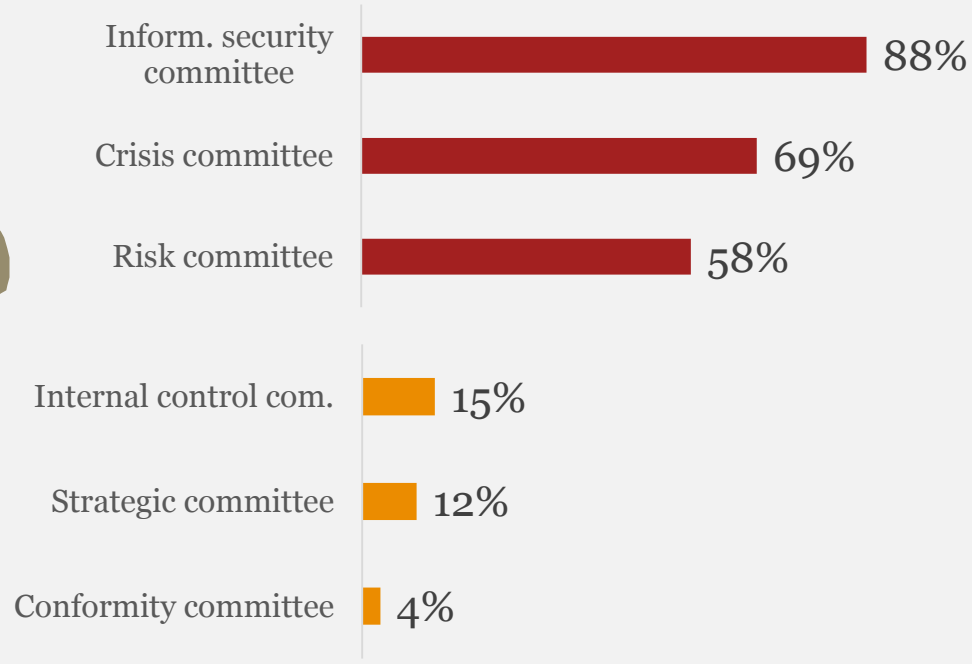
74%

do in small to medium companies (staff<1000)

50%

do in large companies (staff>1000)

Involvement in committees

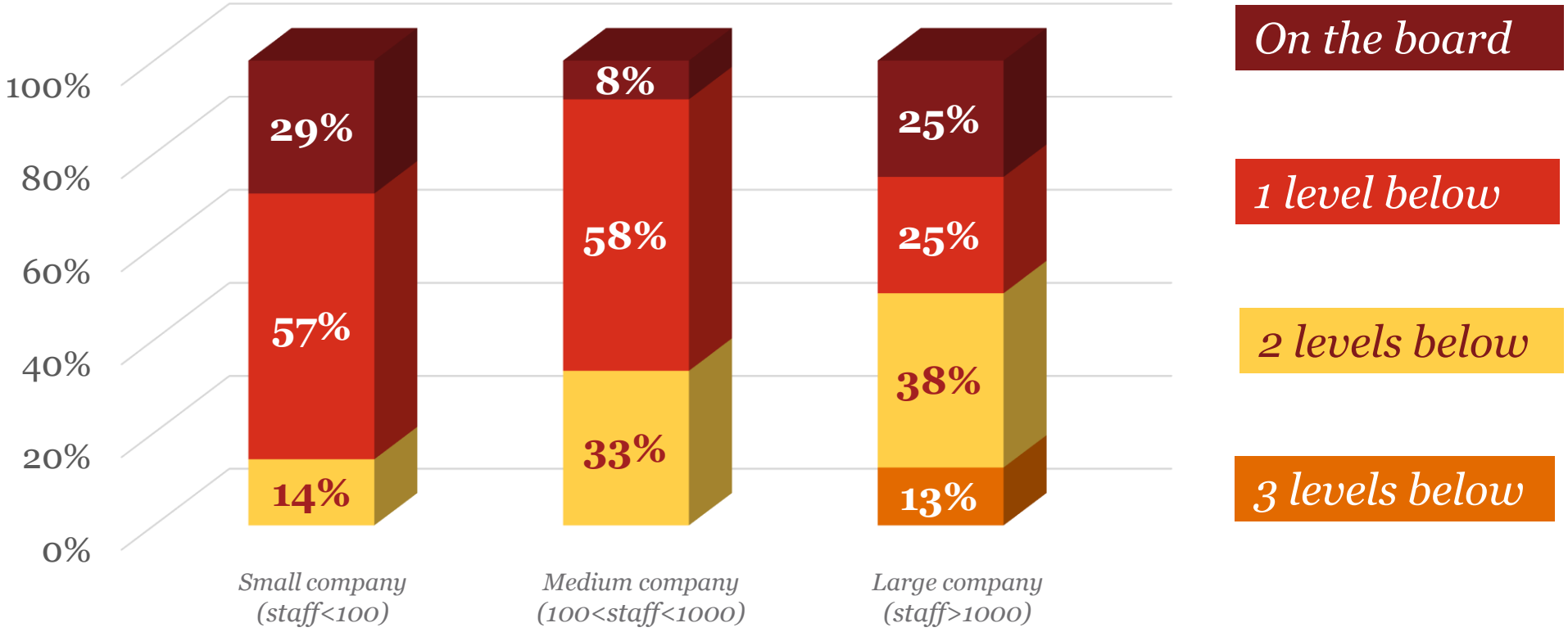


93% *are part of some committee*

0% *are part of an executive committee*

Governance at CISO level

Level in relation to the Board



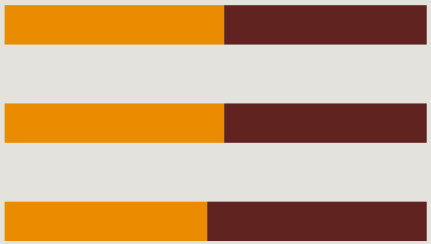
Governance at CISO level

Most frequently outsourced

Security monitoring, **52 %**

Threat and vulnerability management, **52 %**

Network security, **48 %**



Least frequently outsourced

Privacy, **7 %**

Third party management, **11 %**

Governance and organisation, **11 %**

Governance at CISO level

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Governance at CISO level

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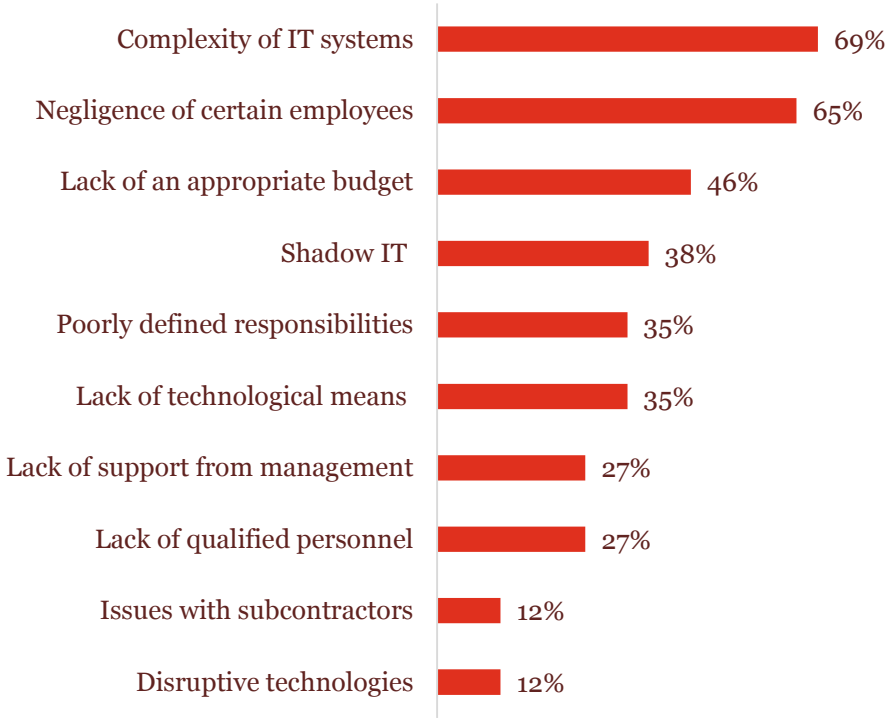
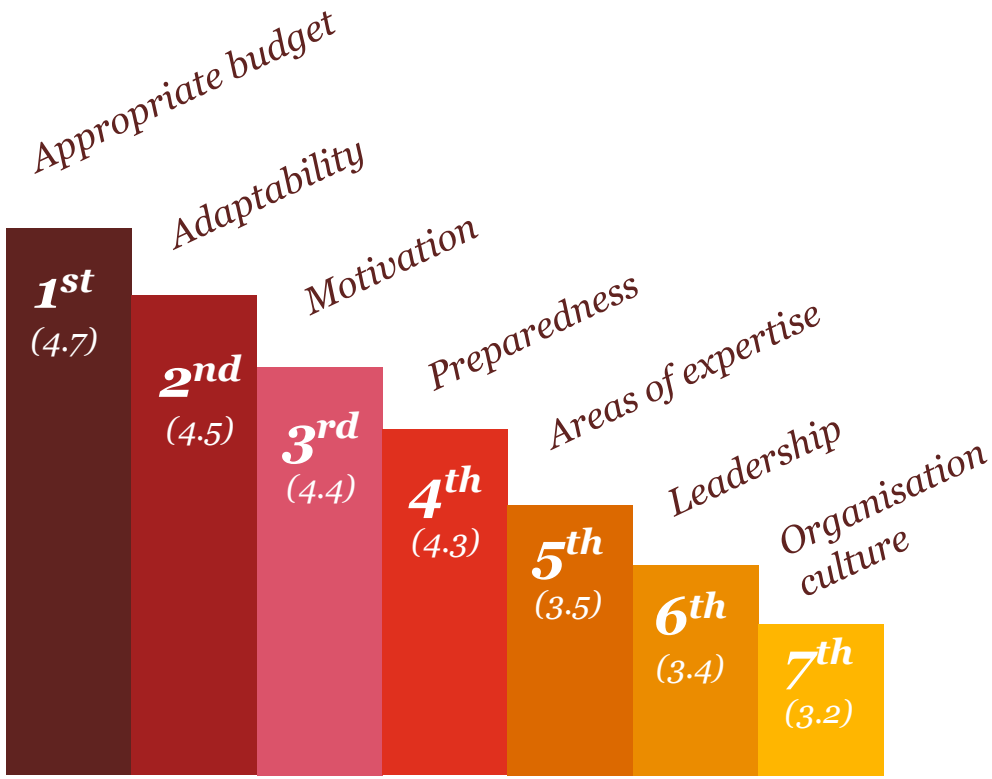
Perception of the job

Main barriers to success



Top 7 success factors



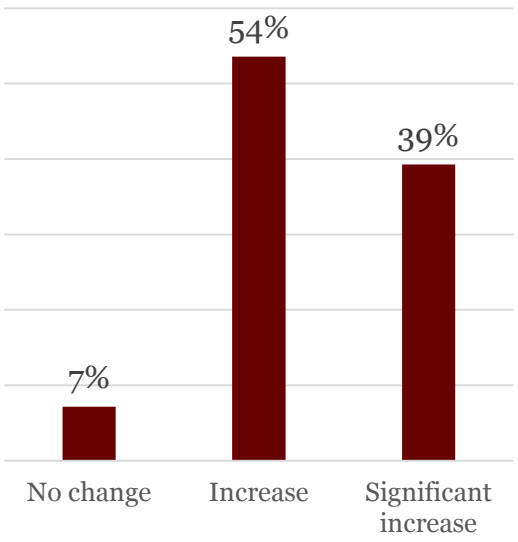
Average rank (1-7)

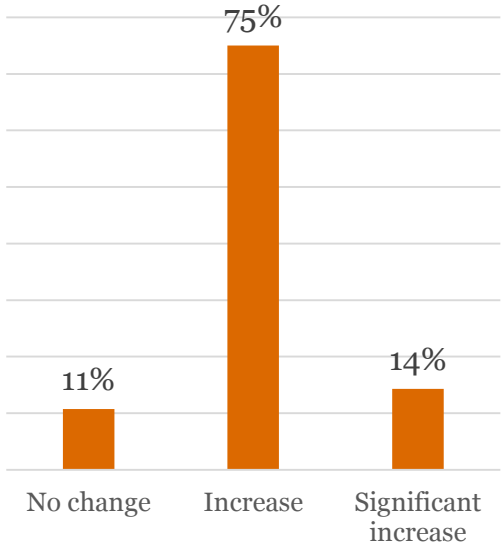
Perception of budget

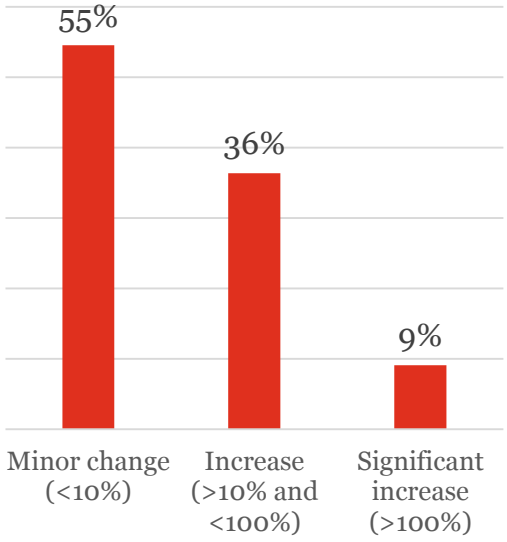
73% *think the budget they manage is sufficient*

Perception of security

Over the last three years



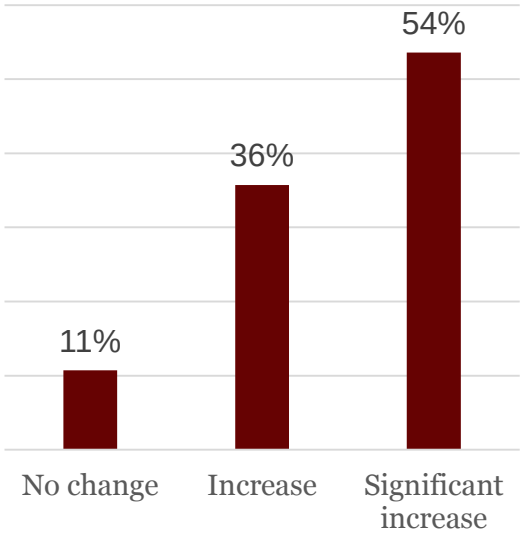


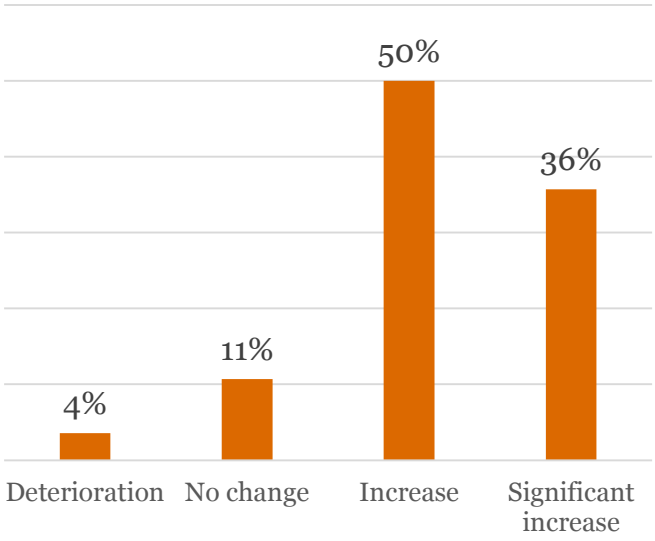


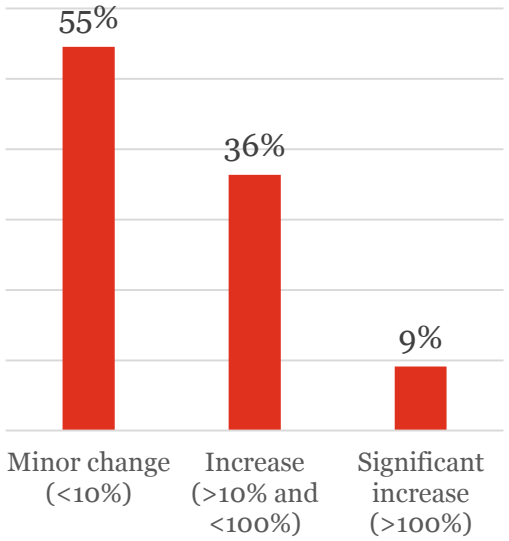
Level of threat *Security level of the company* *Budget evolution*

Perception of security

In the years to come

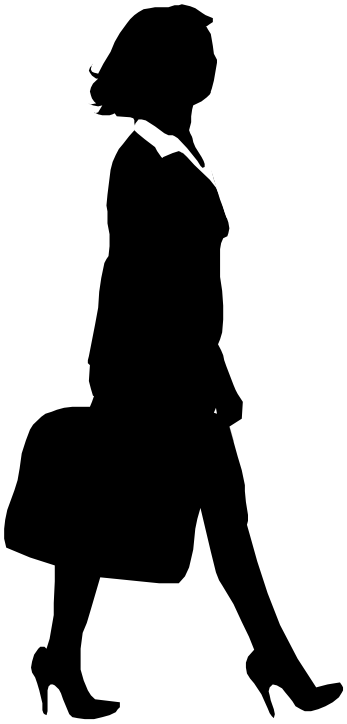






Level of threat *Security level of the company* *Budget evolution*

Perception of the job



How complex is your job in the current context?

Easy	Reasonable	Acceptable	Complex
0 %	8 %	31 %	62 %

How would you qualify your job in the current context?

Worst job I've ever had	Not good but not the worst job	Good job, but not the best	Best job I've ever had
0 %	0 %	50 %	50 %

Your contacts

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