

pylones\*

# THE STATE OF CYBERSECURITY

Results 2025



21/10/2025 | EMMANUEL NETOS, PYLONES CEO



# About Pylones Hellas:

Technology | Innovation | Resilience

**27+** years of experience  
in Greece & Cyprus

- Specialized in IT Infrastructure, Networking & Cybersecurity Solutions
- Focused on reliability, performance & data protection
- Trusted partner of leading global technology vendors
- Supporting organizations in their digital transformation journey



# 6 consecutive years

## The State of Cybersecurity

*The survey aims to highlight emerging trends, challenges, and protection strategies for organizations in the field of cybersecurity.*

AI for smarter defense

**4 / 10**

recognize AI's role in  
faster detection &  
response

From awareness to  
adoption

**36%**

already use AI tools for  
threat detection and  
prevention

AI enters the core of  
cybersecurity

**40%**

see AI as essential  
for strengthening  
defense

# TSoC Snapshot:

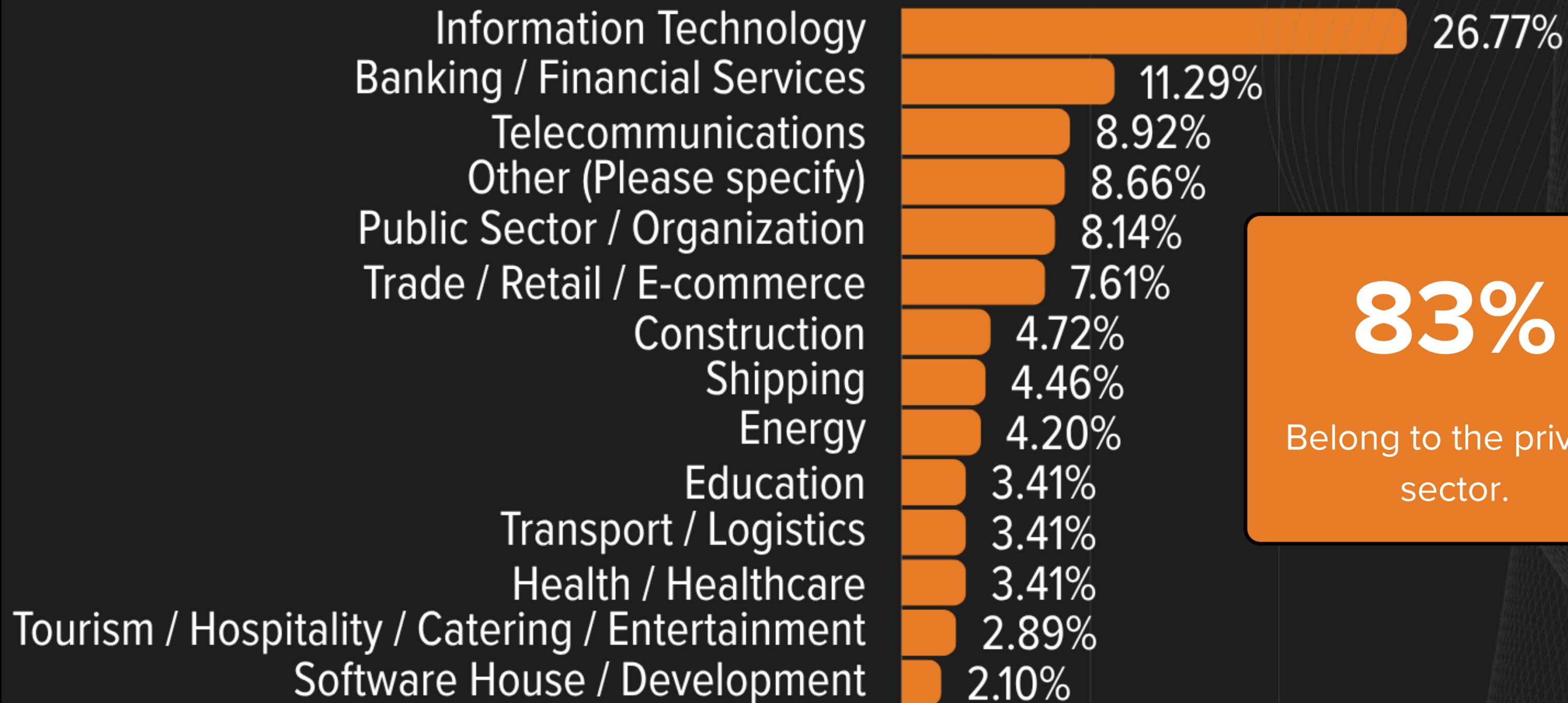
Scope, Participants, & Supporters

**6** consecutive years  
**The State of Cybersecurity**

- Since **2020**
- **Vendor independent**
- **Understanding** Cybersecurity Challenges, Trends, & Strategies
- By **Professionals** of Private and Public Sector
- Tech Media, and Experts **Supported**

- +12,2% participants than 2024
- Focused audience for accuracy
- Well-distributed sample across company sizes

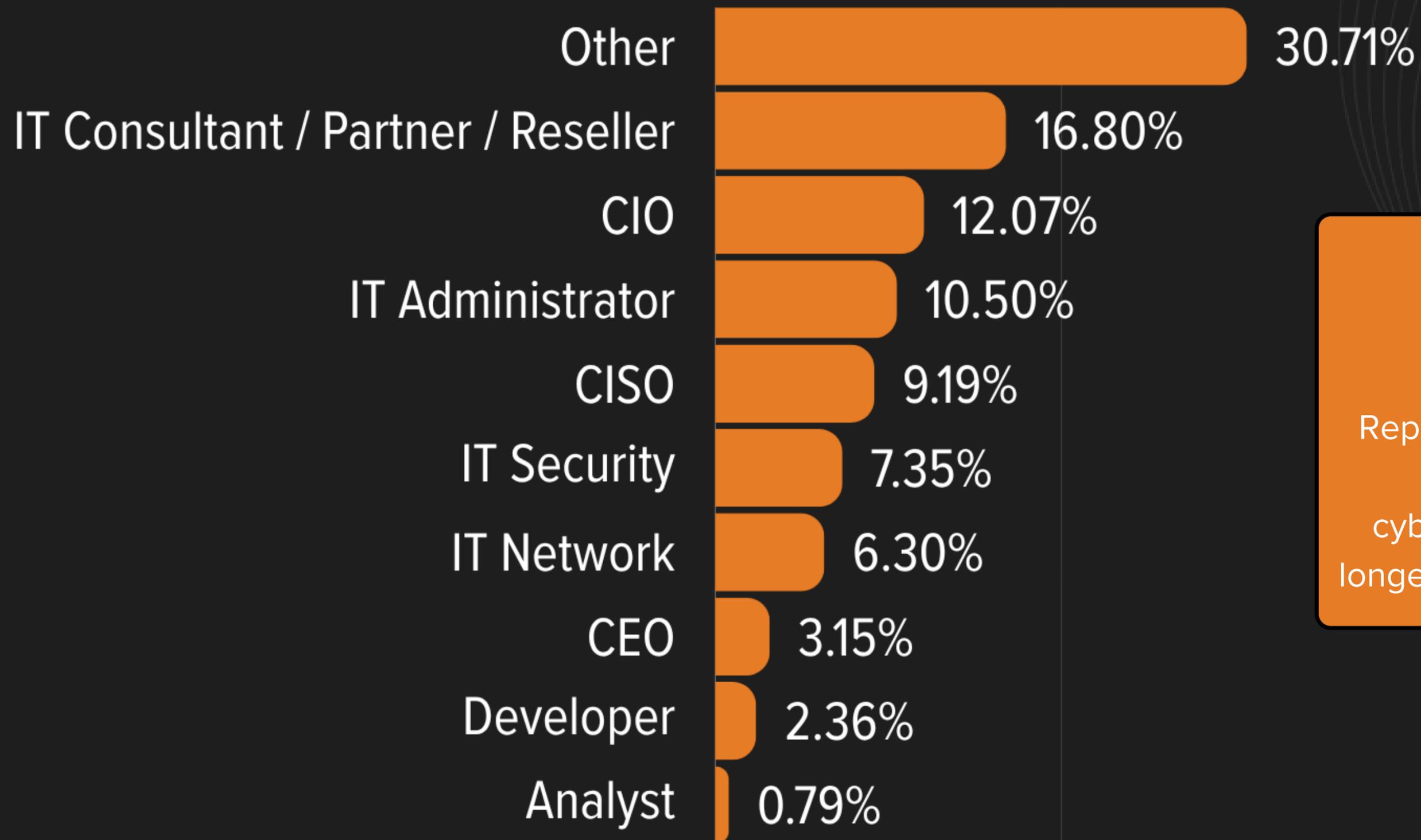
## Let's meet the participants - Sectors



**83%**

Belong to the private sector.

## Let's meet the participants - Job Titles



# 31%

Report "other roles,"  
proving that  
cybersecurity is no  
longer just an IT matter

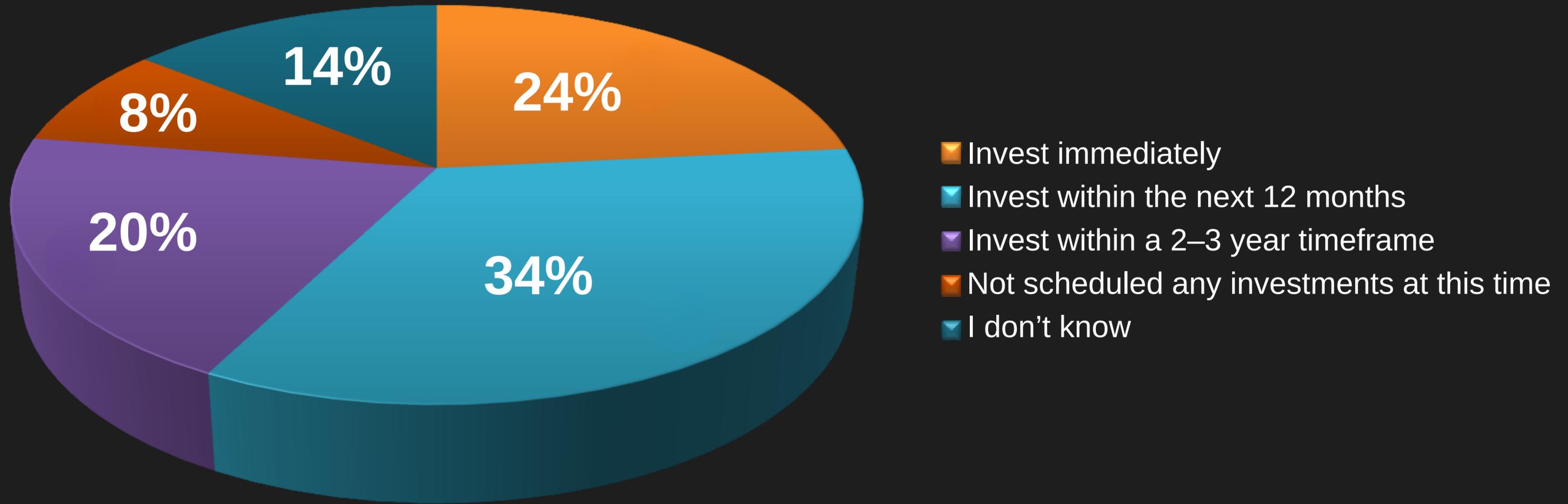
## How has your company's IT security budget (cyber-budget) changed over the past 12 months?

	2025	vs	2024
Increased.....	54.8%		52.02%
The same.....	28.3%		36.7%
Decreased.....	3.7%		4.8%
I don't know.....	13.2%		6.45%

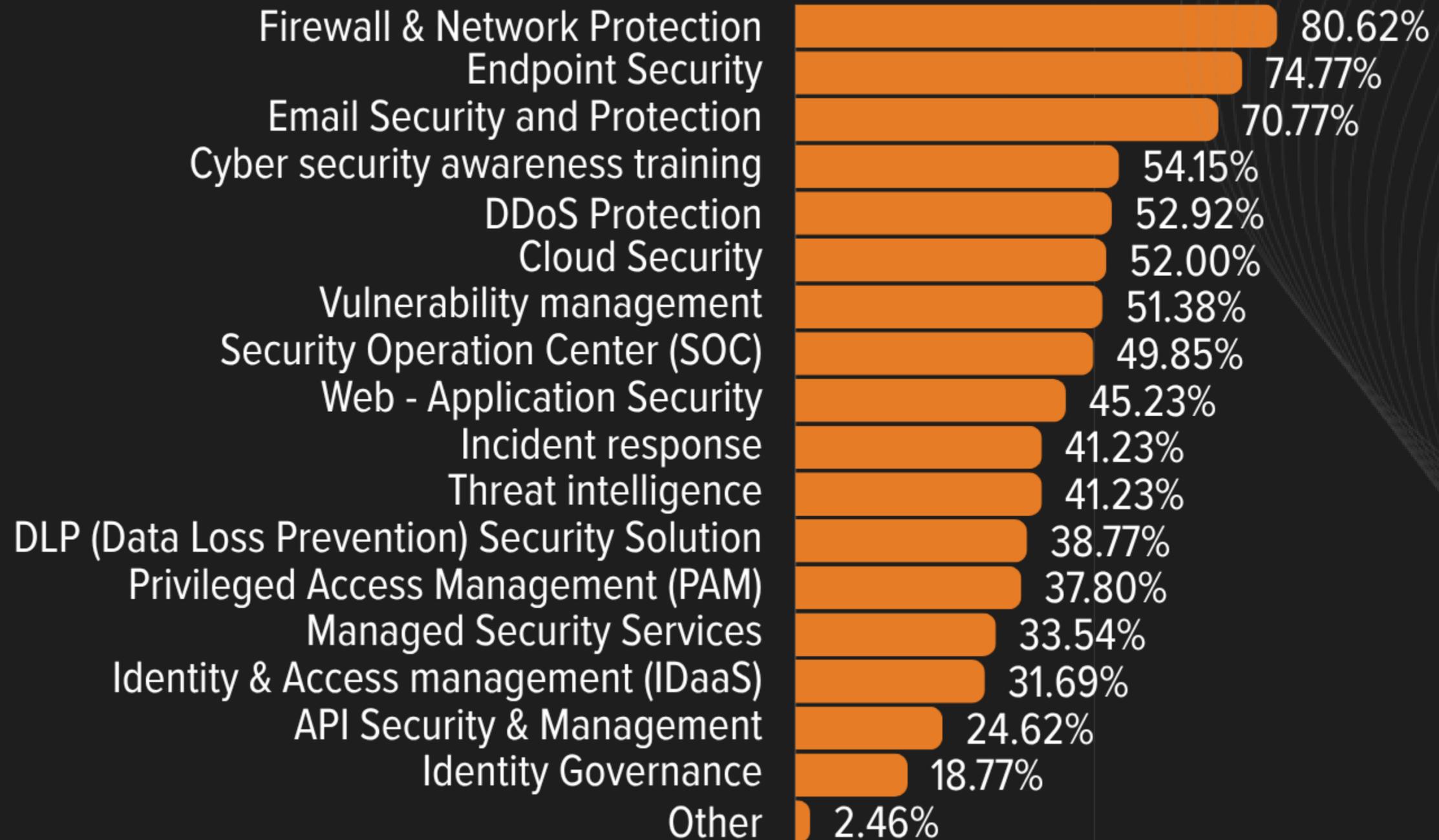


*“Cyber budgets are increasing annually across more companies, indicating a continued need for further growth.”*

## What is the timeframe of your company's investments in cybersecurity?

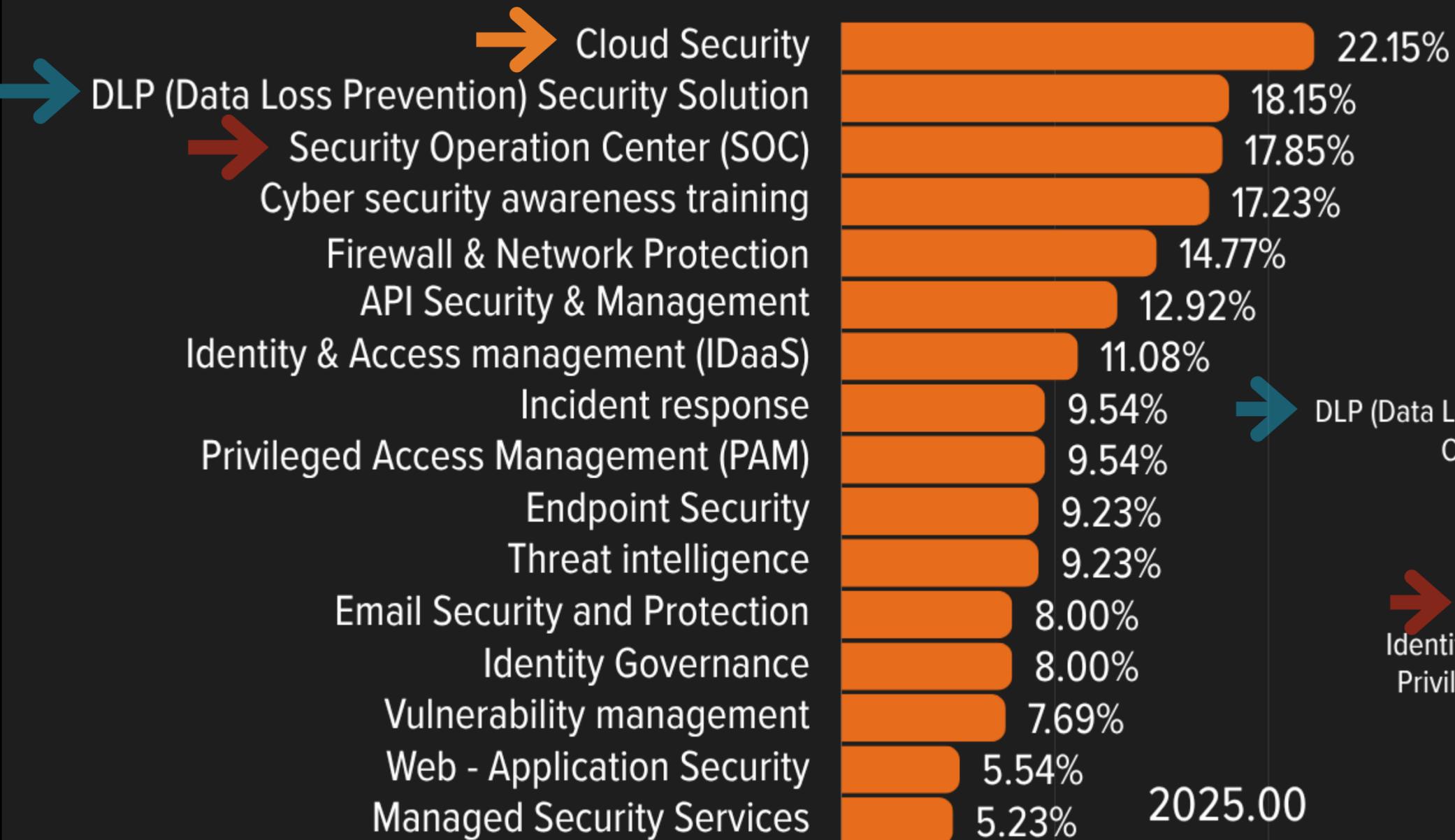


## Which of the following technologies have you adopted ? (Select all that apply)

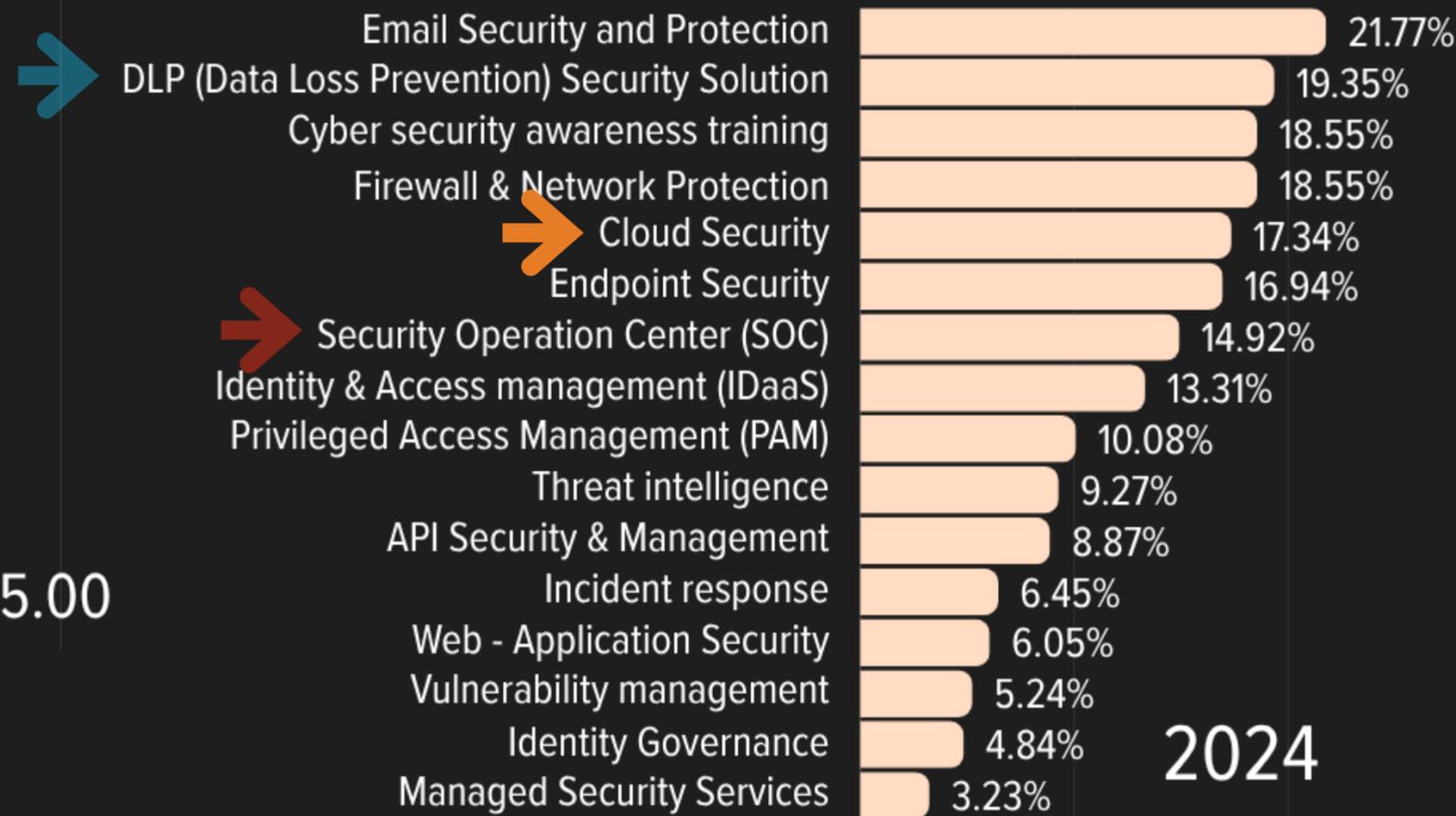


# Cyber-Budget

In which type of security or solution would you invest for better coverage in the field of cybersecurity? (up to 2 choices)



*Cloud Security and DLP solutions emerge as top investment priorities for 2025, reflecting the shift to hybrid infrastructures.*

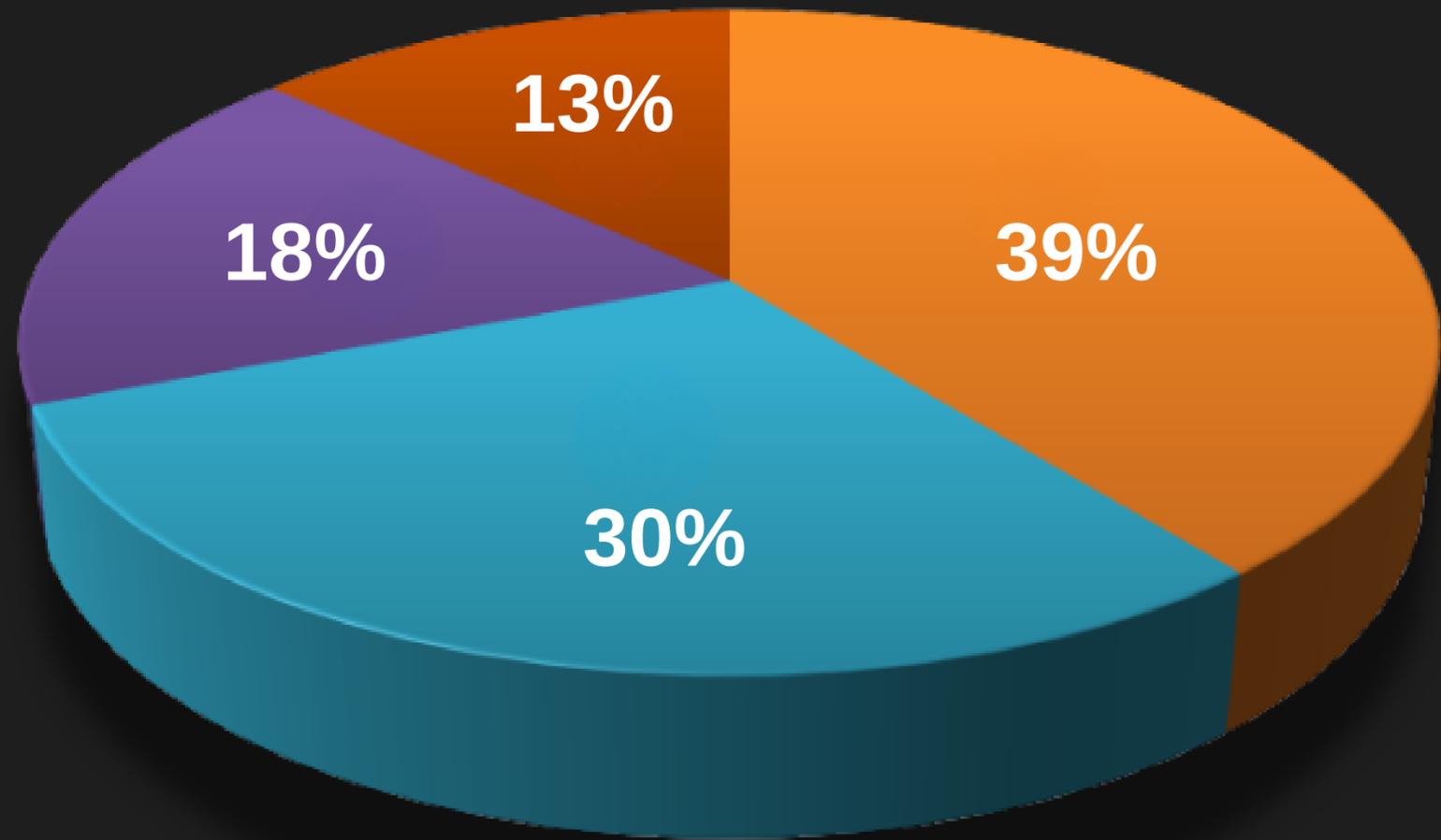


2025.00

2024

# AI & Cybersecurity

Does your company use Artificial Intelligence (AI) solutions or not?



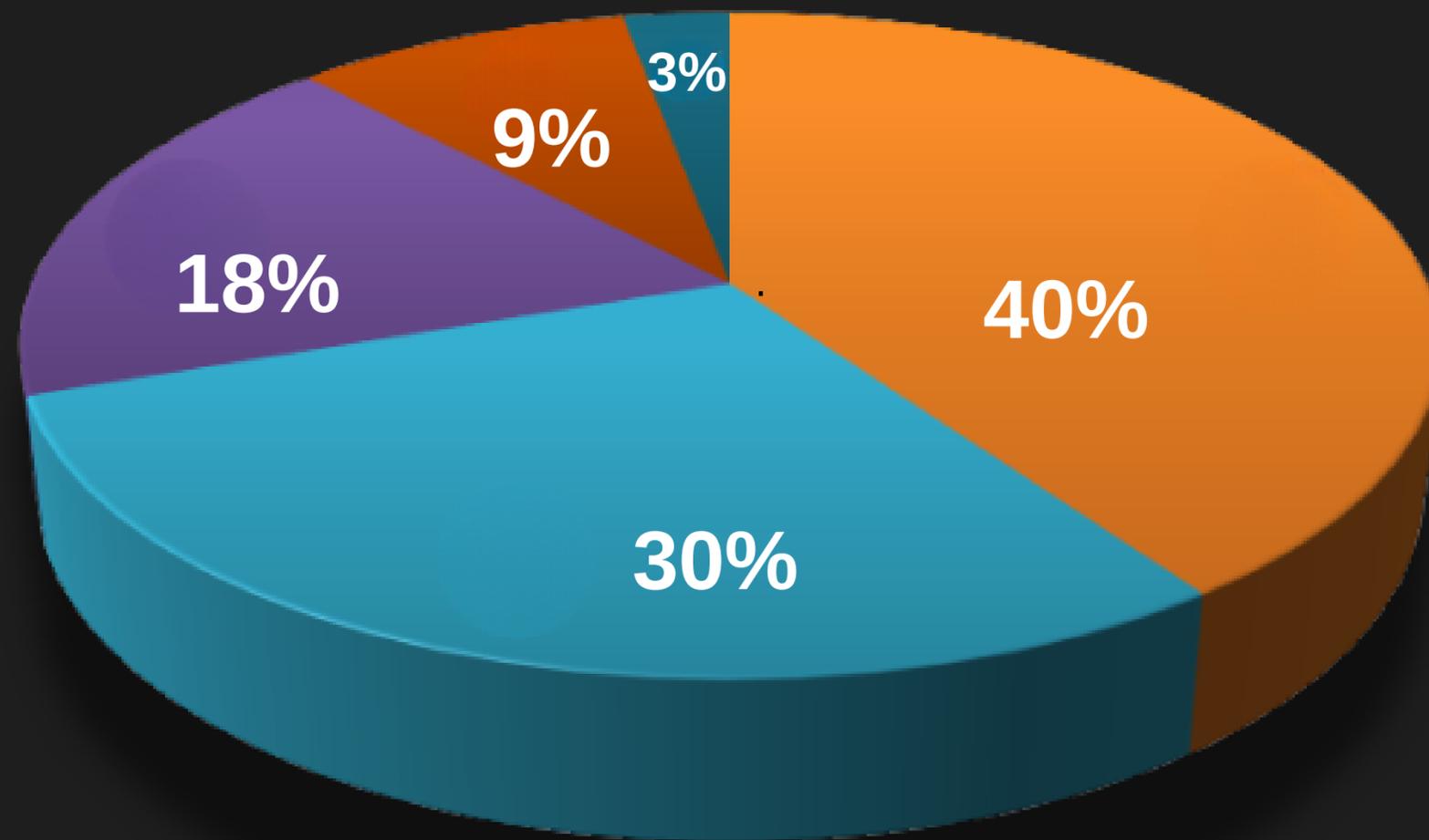
- With a limited extent.
- Not yet but considering it for the future.
- Already integrated AI solutions into core functions.
- Do not use such technologies.

**5 / 10**

already leverage AI, though often in a limited capacity

# AI & Cybersecurity

Do you believe that investing in AI-driven solutions is essential for your company's cybersecurity, or not?



- Not yet invested
- Already investing — critical for us
- Considering for the future
- Don't know
- Don't consider AI essential for cybersecurity

**70%**

Have already invested or plan to invest in AI for cybersecurity.

# AI & Cybersecurity

## What do you consider to be the biggest challenge in adopting AI solutions for cybersecurity? (up to 2 choices)



**51%**

Report a lack of specialized personnel as a key obstacle

**35%**

Identify false alarms as a major challenge

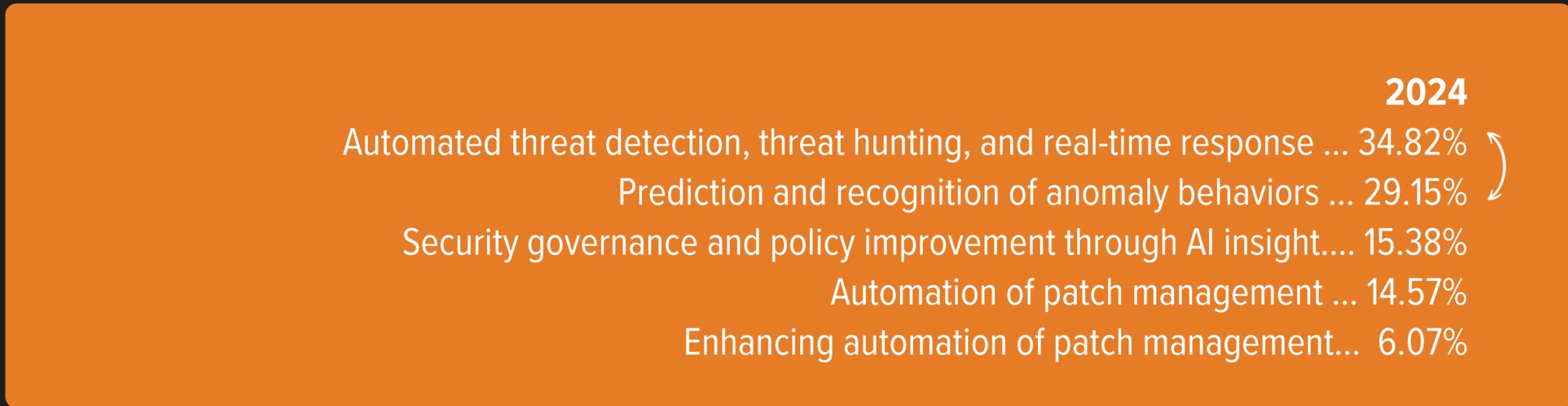


# AI & Cybersecurity

**How could your company leverage Artificial Intelligence (AI) to enhance security measures and detect potential cyberattacks?  
(up to 2 choices)**



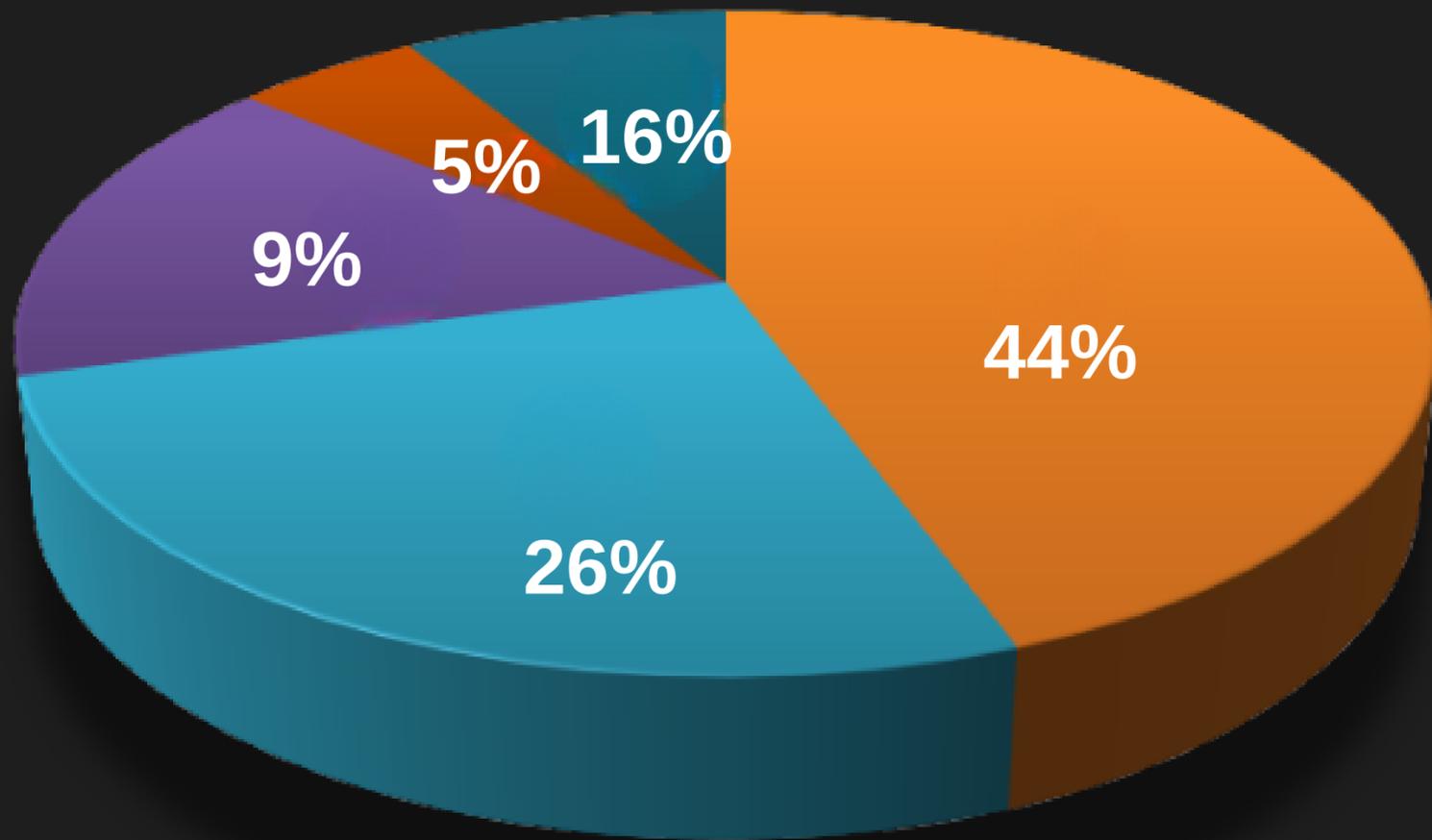
**2025**



**2024**

# Cybersecurity Threats & Incidents

Has your company experienced any security breach in its systems, or not?



- No breach has occurred
- The company ensures the security of its systems
- Without consequences
- With consequences
- I don't know

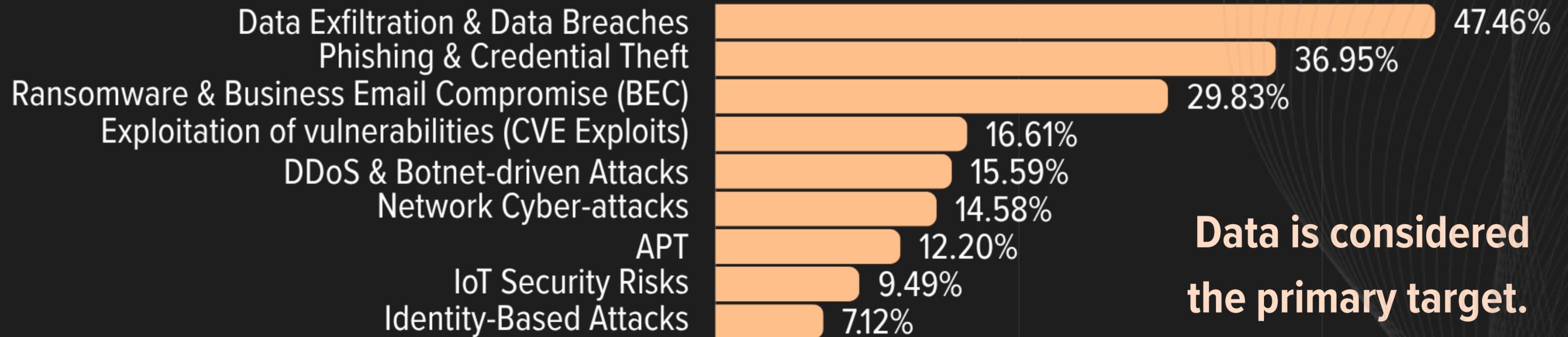
	<b>2025</b>		<b>2024</b>
With consequences .....	5.1%	<b>vs</b>	3.63%
	<b>2025</b>		<b>2024</b>
Without consequences.....	15.06%	<b>vs</b>	18.01%

*"The decreasing in reports of cyberattacks suggests fewer companies are facing them, indicating significantly stronger defenses.*

***Or not?"***

# Cybersecurity Threats & Incidents

**Which types of risks concern your company's security the most?  
(up to 2 choices)**



**Data is considered the primary target.**

**47%**

Data breaches remain the top concern

**37%**

Phishing continues to be a major threat

**30%**

Ransomware remains a key risk

# Cybersecurity Threats & Incidents

**What are the biggest cloud security challenges you face?  
(Select all that apply)**



**42%**  
data  
visibility/control

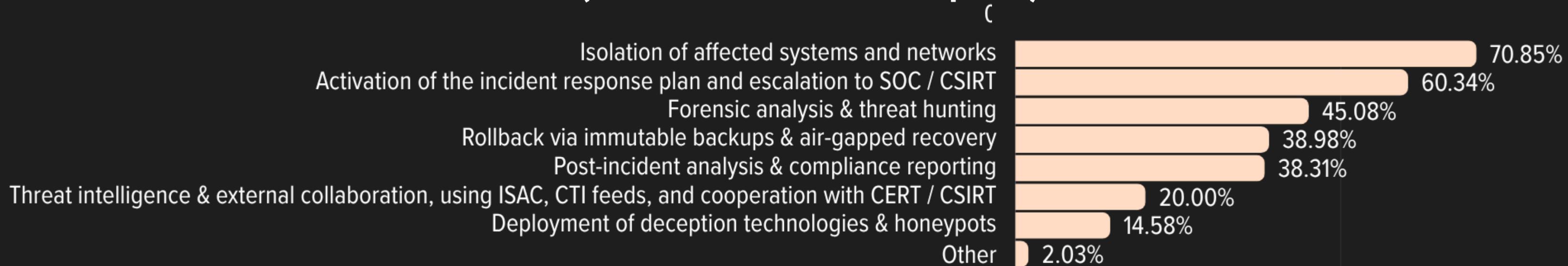
**41%**  
shadow IT

**40%**  
difficulty in  
incident detection

***The cloud continues to  
introduce new vulnerabilities!***

# Cybersecurity Threats & Incidents

**In the event of an ongoing cyber-attack, how does your company respond?  
(Select more than one option)**



## 71%

System isolation is  
the most common  
practice

## 60%

Incident response  
plans widely  
implemented

↓ **Advanced tools (deception,  
collaboration)  
remain limited!**

# Cyber Resilience & Recovery

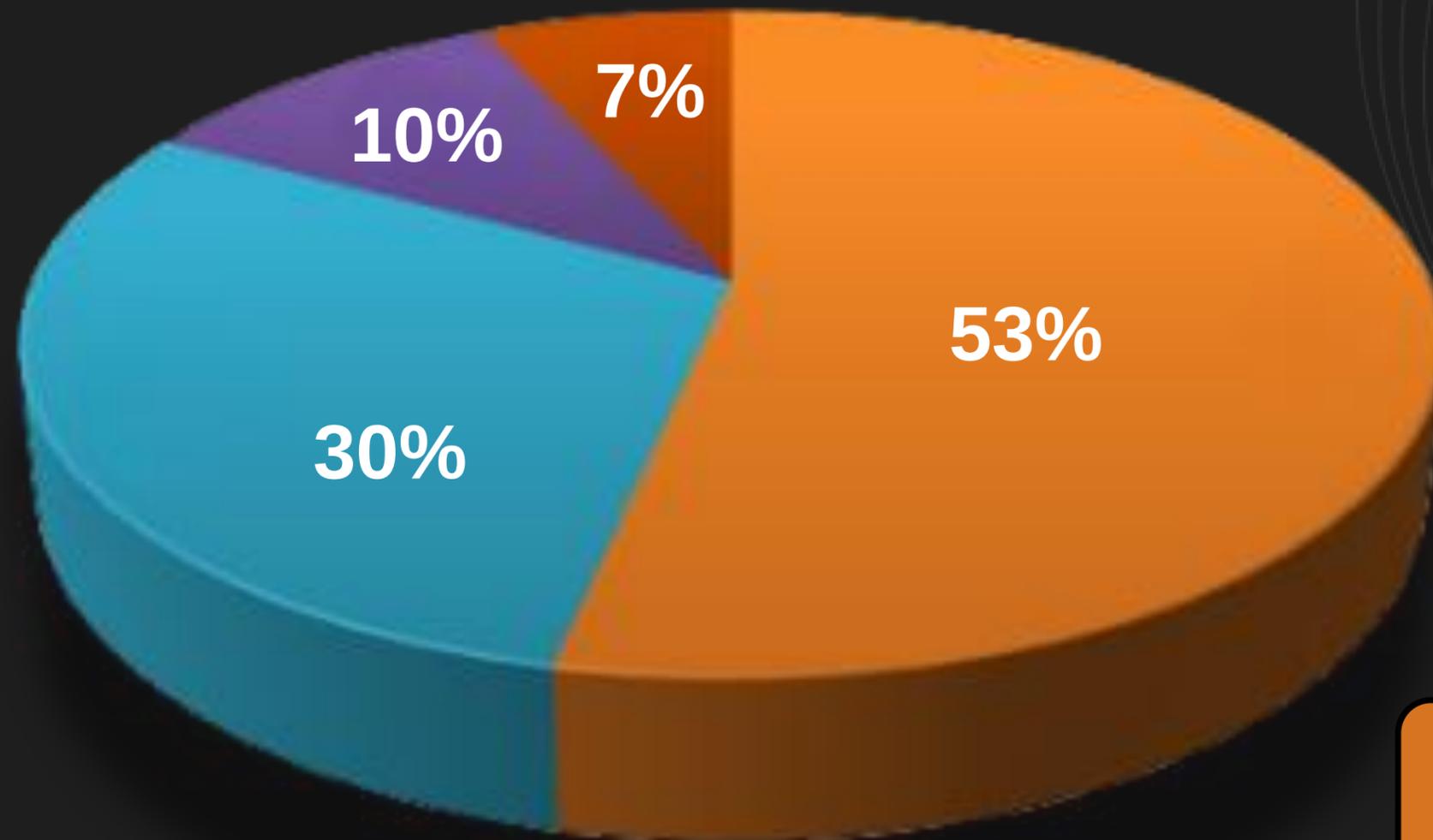
How long do you estimate it would take for your company to be fully operational after a large-scale cyber-attack?

	2025	vs	2024	vs	2023
Less than 3 days.....	34.52%		35.89%		29.29%
Less than 1 week.....	35.94%		38.71%		27.69%
Less than 1 week.....	16.73%		18.15%		14.19%
From 1 to 3 months.....	8.19%		5.24%		8.01%
More than 3 months.....	4.63%		2.02%		6.86%

*“Increased investment in **Business Continuity** and **Incident Response Retainers** may lead to **improved recovery times.**”*

# Cyber Resilience & Recovery

Do you have a business continuity plan in the event of a cyber-attack, or not?



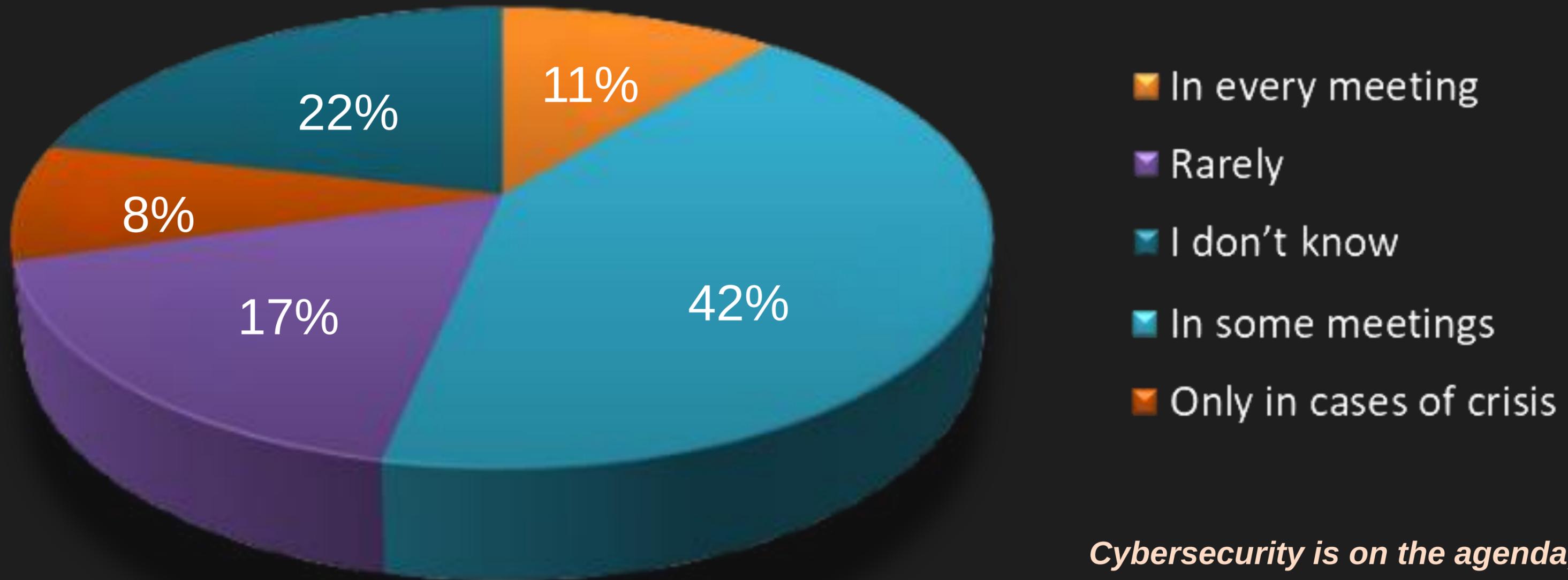
- Fully developed plan
- In the process of developing a business continuity plan
- Not have a business continuity plan
- I don't know

**53%**

Already have a plan, while 30% are in development

# Cyber Resilience & Recovery

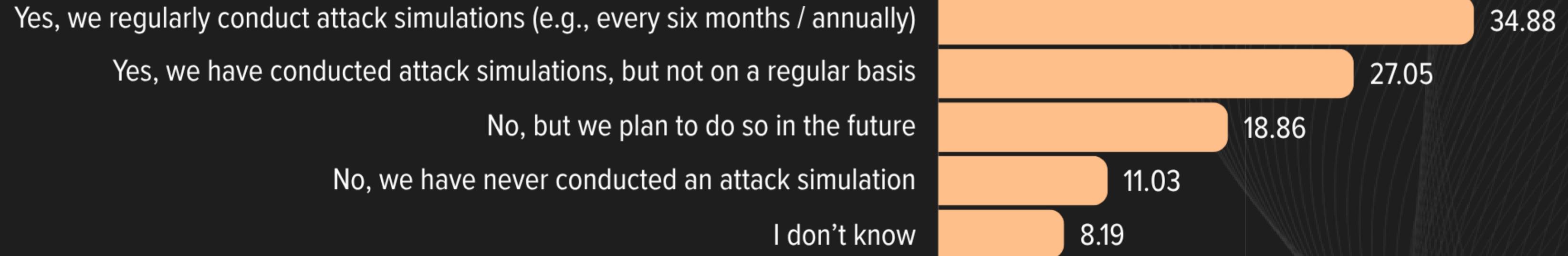
How often is cybersecurity included on the agenda of your company's board meetings?



*Cybersecurity is on the agenda, but not consistently a board-level priority.*

# Cyber Resilience & Recovery

## Have you conducted attack simulations to test your readiness, or not?

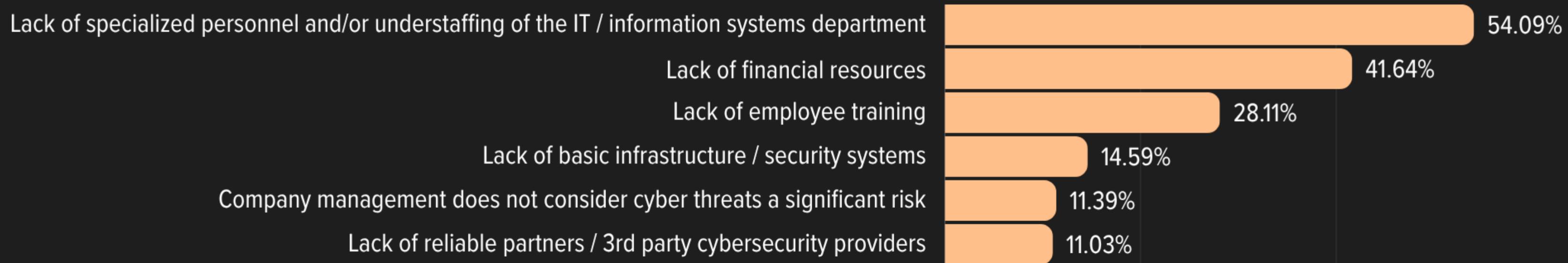


**35%**

Conduct regular  
cyber exercises

# Cyber Resilience & Recovery

## Which factors prevent your company from building a comprehensive cybersecurity plan? (up to 2 choices)

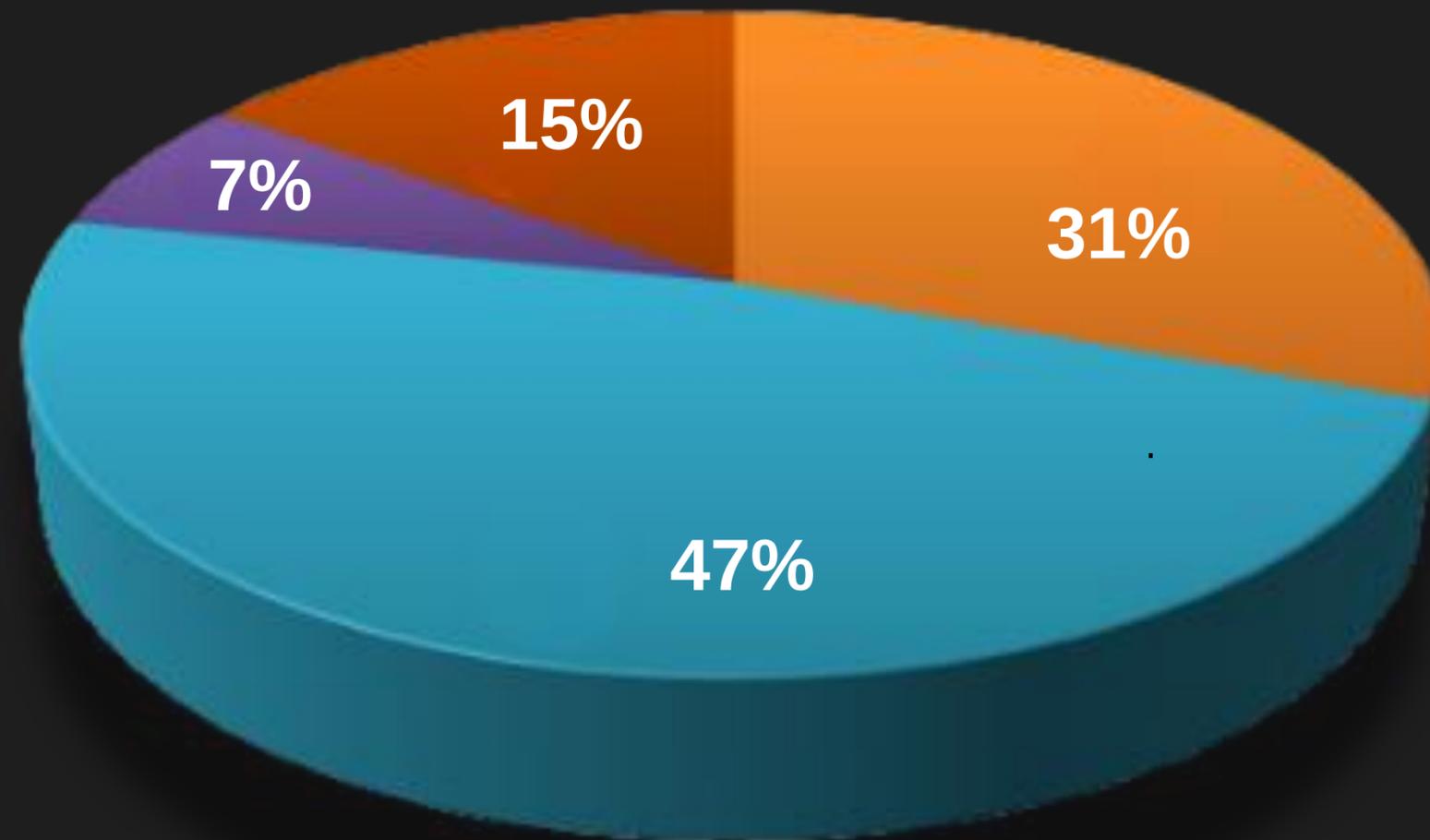


	2025	vs	2024	vs	2023
Staff shortage .....	54.09%		50.03%		43.71%
<b>Cyber - Budget .....</b>	<b>41.64%</b>		<b>43.15%</b>		<b>32.95%</b>
Employee training .....	28.11%		34.68%		30.66%

**54%**  
Staff Shortage

## ESG and Cybersecurity Strategy

Do you consider cybersecurity to be linked to your organization's ESG goals, or not?



~80%

See cybersecurity as  
an integral part of  
ESG strategy

- To a large extent. Cybersecurity is a key element of our ESG strategy
- To some extent. There is a link, but it is not a top priority
- Not consider it relevant to our ESG goals
- I don't know



# ESG and Cybersecurity Strategy

**How does the use of cybersecurity services contribute to a company's sustainability? (up to 2 choices)**

	2025	vs	2024
Increases customer & investor trust.....	58.27%		<b>72.58%</b>
Reduces the cost of cyber-attacks.....	39.21%		66.53%
Ensures regulatory compliance.....	31.65%		65.32%
Improves reputation and competitiveness.....	29.14%		55.65%
Supports innovation and digital growth.....	15.11%		45.56%

**58%**  
Boost customer & investor trust

**39%**  
Reduce cyberattack-related costs

# Conclusions

## 1 Investment & Strategy

- Budgets continue to grow.
- Cybersecurity seen as a business enabler.

## 2 AI & Technology

- AI adoption is accelerating.
- Lack of skilled talent limits implementation.

## 3 Threats & Defense

- Data breaches and phishing remain top threats.
- Overall incidents are decreasing.

## 4 Cloud & Human Factors

- Cloud environments bring new vulnerabilities.
- Human error remains the weakest link.

## 5 ESG & Resilience

- Cybersecurity now aligns with ESG goals.
- Business continuity and recovery maturity improve

# \*Special thanks to

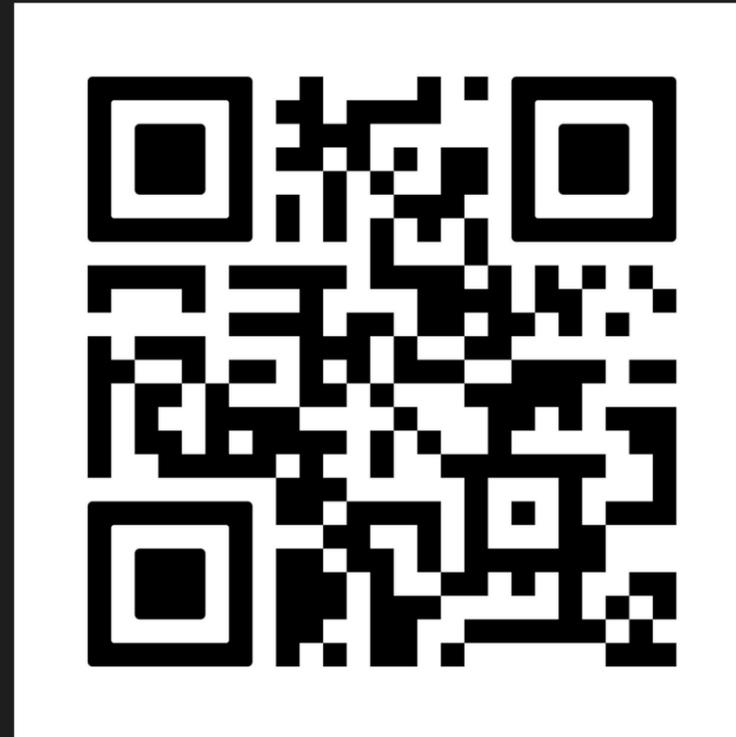


SMART PRESS



HELLENIC

# The State of Cybersecurity 2025



**SCAN & VIEW  
RESULTS**



**Thank you**

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**pylones\***

