

Opening minds to impact the world

Diversity and Inclusion in Cybersecurity

On exploring and defining core practices that benefit the effectiveness of Cybersecurity teams

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Antwerp Management School



The Value of Diversity and Inclusion in Cybersecurity



Inclusion in Cybersecurity

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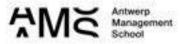




Dynamics

Threat landscape evolves vast and dynamic.

Last 20 Years of **Threat Actors**







Leadership scope

Cybersecurity domain *vs* HR challenges

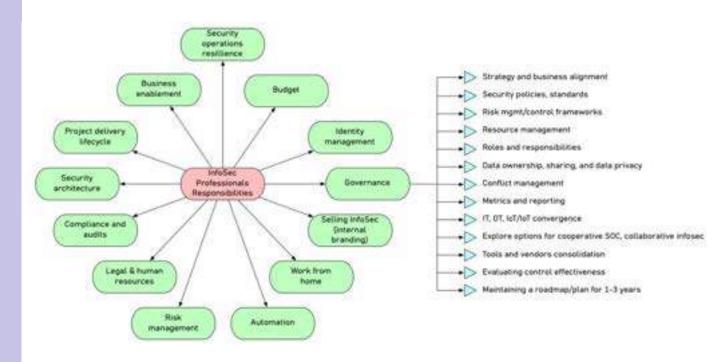


Figure 3 - Cybersecurity topics (extract from the work by Rehman3)



Leadership scope

Updated 2025 version

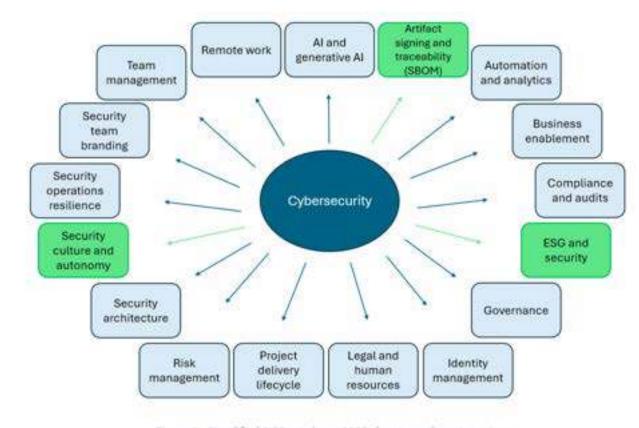


Figure 1 - Simplified CISO mindmap 2025 showing only main topics.



Leadership personalities

Different examples of leadership.



Leadership pitfalls

A lack of self-reflection might lead to unconscious incompetence.



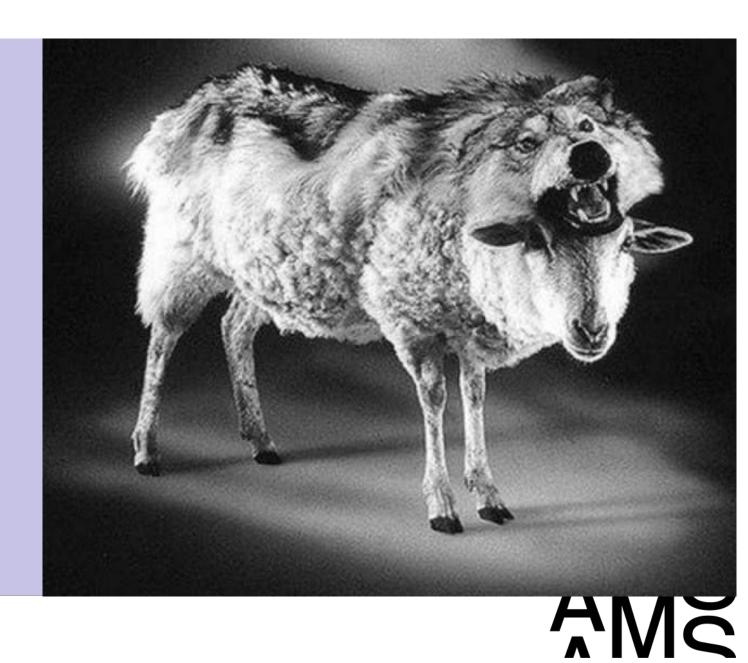




Leadership authenticity



Leadership authenticity



Our perspective

A strategy based on D&I to gain novel insights for addressing cybersecurity challenges.



Figure 2 - dimensions of diversity, adapted from (INSEAD, n.d.)



How educations evolve

- Cyber Attack Agent,
- Cyber Calamity Forecaster,
- Machine Risk Officer
- Virtual Identity Defender,
- Data trash engineer,
- · Cloud orchestration architect,
- Security vaccinator,
- · Cyber talent magnet,
- Al auditor,
- Security pusher,
- Security User Experience (SUX) Designer
- Cyber Philosopher,
- · Cyberdiplomat,
- Chief Information Security Orchestrator





Recruiting for Diversity: **SELF-ASSESSMENT**

RECRUITING TRAITS MATURITY LEVELS

Diverse Skill Sets: Identifying various competencies, regardless of their field, at excellence in those skills.

Remote Work Opportunities: Leveraging expand the talent pool beyond geographica promote biorhythm diversity

Neurodiversity Awareness: Assessing awareness and skills needed within the o support neurodiversity, requiring leadership

Diversity Hiring Mindset: Emphasizing the daring to think differently and taking action

Continuous Learning and Adaptability: C educational opportunities an organization keep up with rapid technological advo

Background Utilization: Capitalizing o backgrounds of individuals, even those cybersecurity background, through effec

Team Complementarity: Evaluating wheth complementary to existing team me

RECRUITING TRAITS MATURITY LEVELS

Empathic Recruitment: Implementing a more er recruitment process that fosters a safe environm avoids hierarchical power dynamics

Feedback Aptitude: Assessing the ability to p feedback to management and stakeholder

Collaboration Skills: Investigating collaboration s essential factor.

Ethics and Integrity: Evaluating the values and re differing opinions among employees.

Out-of-the-Box Thinking: Acknowledging the infl senior management's willingness to promote inn thinking in the recruitment process.

Diverse Educational Backgrounds: Looking beyo education to include individuals with essential especially for training purposes.

Willingness to Share Experience: Considerir individual's willingness to share their security-re experiences. From stress or security-incident c

RECRUITING TRAITS MATURITY LEVELS	5. We are aware and act on this in our recruiting process	4 We are aware but dont act on it yet in our recruiting process	3. We are unawaye and we don't incorporate this in our recruiting process	2. We are unaware, dont hava function profiles and miss a formal recruiting process	1. We don't do anything related to diversity and inclusion in our hiring process
Diverse Big Five Personalities: Creating a team with various Big Five personalities, understanding the trade-offs of excluding certain personality traits.					
Integrity: Assessing an individual's integrity, honesty and reliability -working in sensitive situations and cases.					
Flexibility in Work: Offering flexibility in working locations and hours to accommodate different preferences.					
Personal Connection in Recruitment: Incorporating a personal connection in the assessment and interview process.					
Technical Skills and Competencies: Recognizing the importance of technical skills, especially in technology-related security topics.					
Authenticity: Focusing on alignment with norms, beliefs, and organizational culture.					
Safe Working Environment: Ensuring a safe working environment, particularly for individuals who are highly sensitive.					
Role Models: Highlighting the significance of having role models within the organization and its ecosystem.					



Curiosity & Perspective





Thank you!



More information:

- Influential trends for emerging roles in digital security – 2023 and beyond
- The Compensation Trap Why less cyber security staff is more

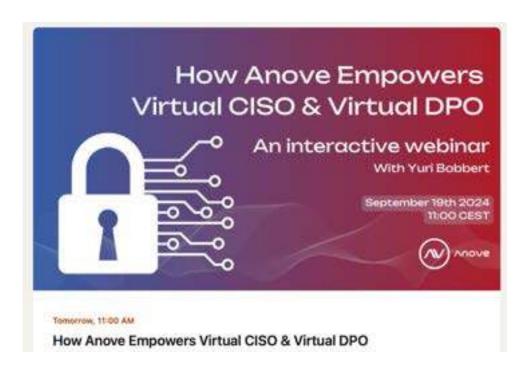
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Tomorrow

Next week





Antwerp Management School (AMS) research involved 120 respondents from 10 financial mathutes in a large study to improve regulatory approaches. Karthis and Erwin will highlight the main fordings and conclusions in this talk. Prof. Yari Bobbert who supervised this work will explain WHY such research is vital in order to improve the overall cybersemantly market.

The information security requirements from the regulatory bodies overseeing the financial industry lack information on how these requirements and guidelines can be implemented in an Agile/DevOpe environment and the (cloud) infrastructure supporting it. Working per these requirements in a prerequisite for maintaining a banking and insurance license. Seciles the business necessity of maintaining the license, the risks of working in an Agile/DevOpe environment are similar to working in a more traditional environment, thus, not midigating

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Deturn Ifi september 2014
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Flyt 19:00 - 20:00

