Blue Team Fundamentals

Roles and Tools in a Security Operations Center

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SECURITY IN MOBILITY – THI

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Vehicle SOC Researcher

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Automotive Digital Forensics Researcher

Developing tools for a cyber secure and trustworthy Cooperative Connected Automated Mobility

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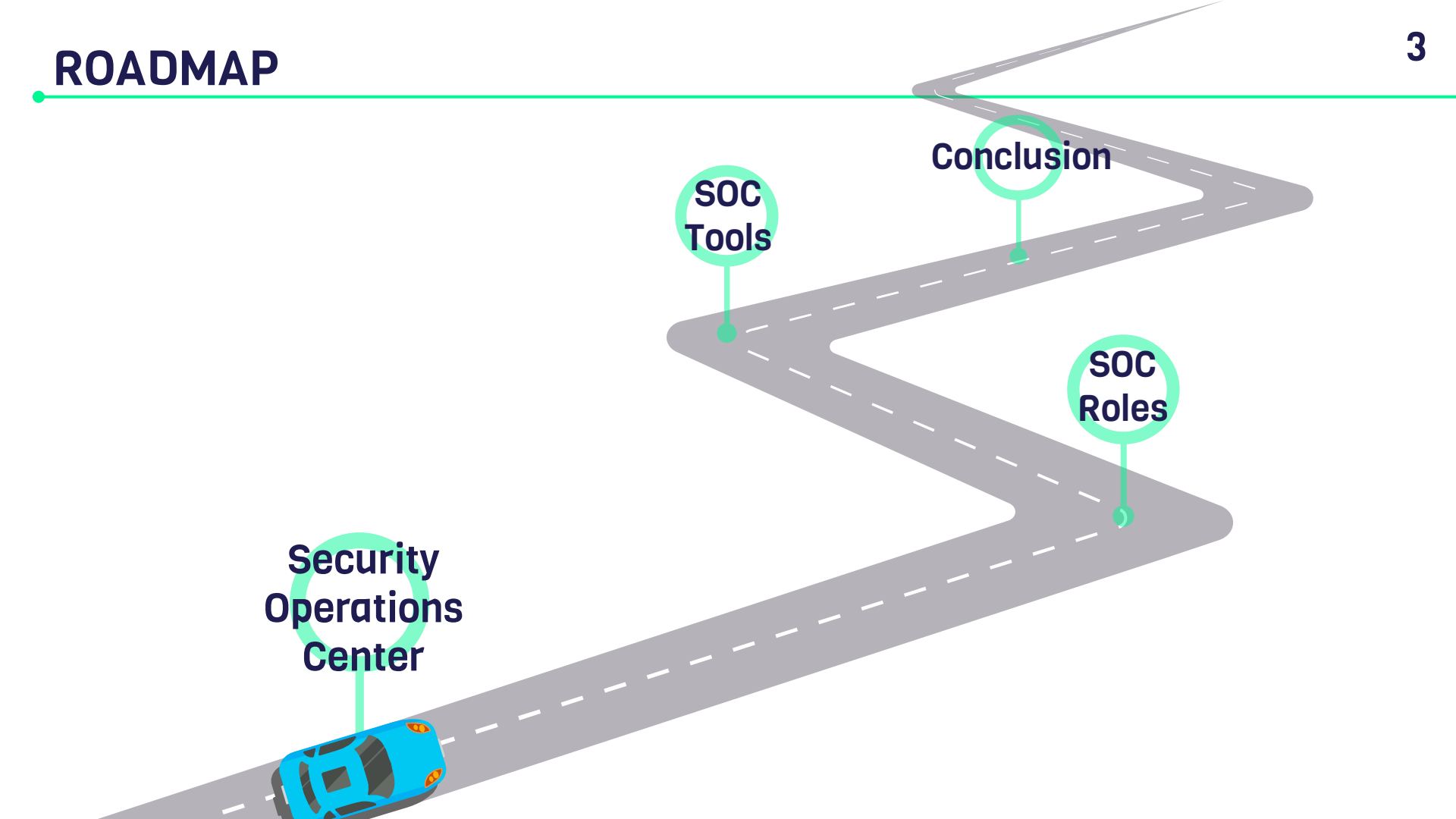
ROADMAP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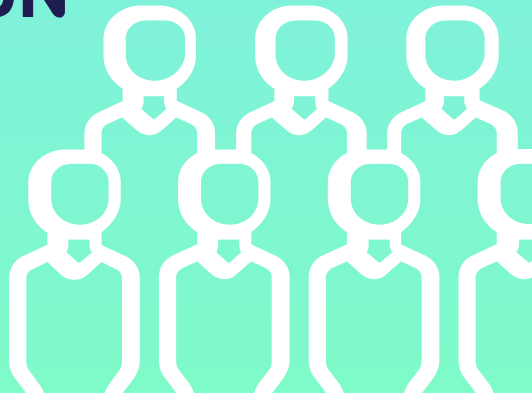
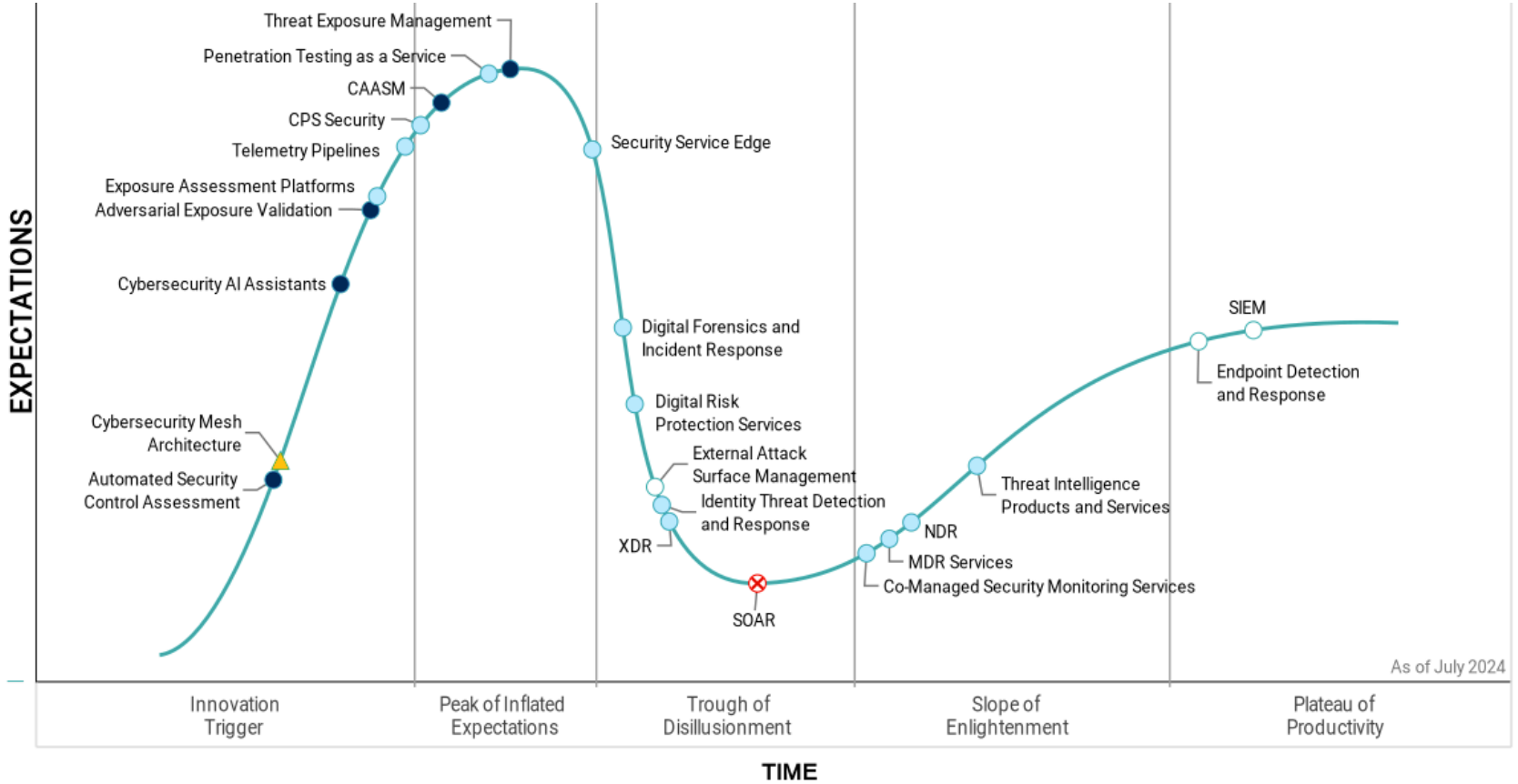
“IT SECURITY SERVICES PROVIDER THAT PROTECTS AGAINST CYBERSECURITY THREATS AND INFORMATION LOSS.”

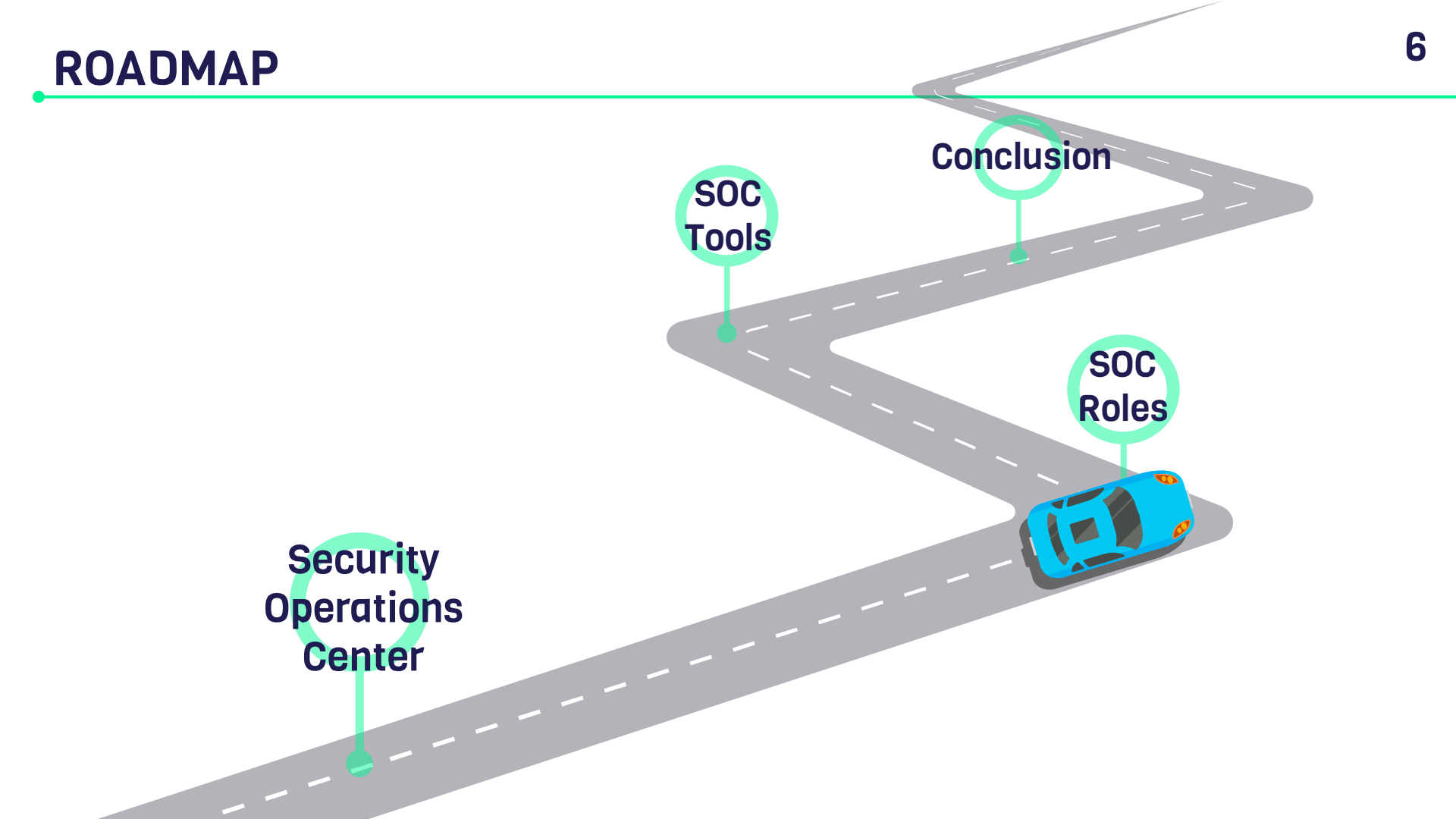


HYPE CYCLE SECURITY OPERATIONS 2024



https://netenrich.com/gartner-hype-cycle-for-security-operations-2024

ROADMAP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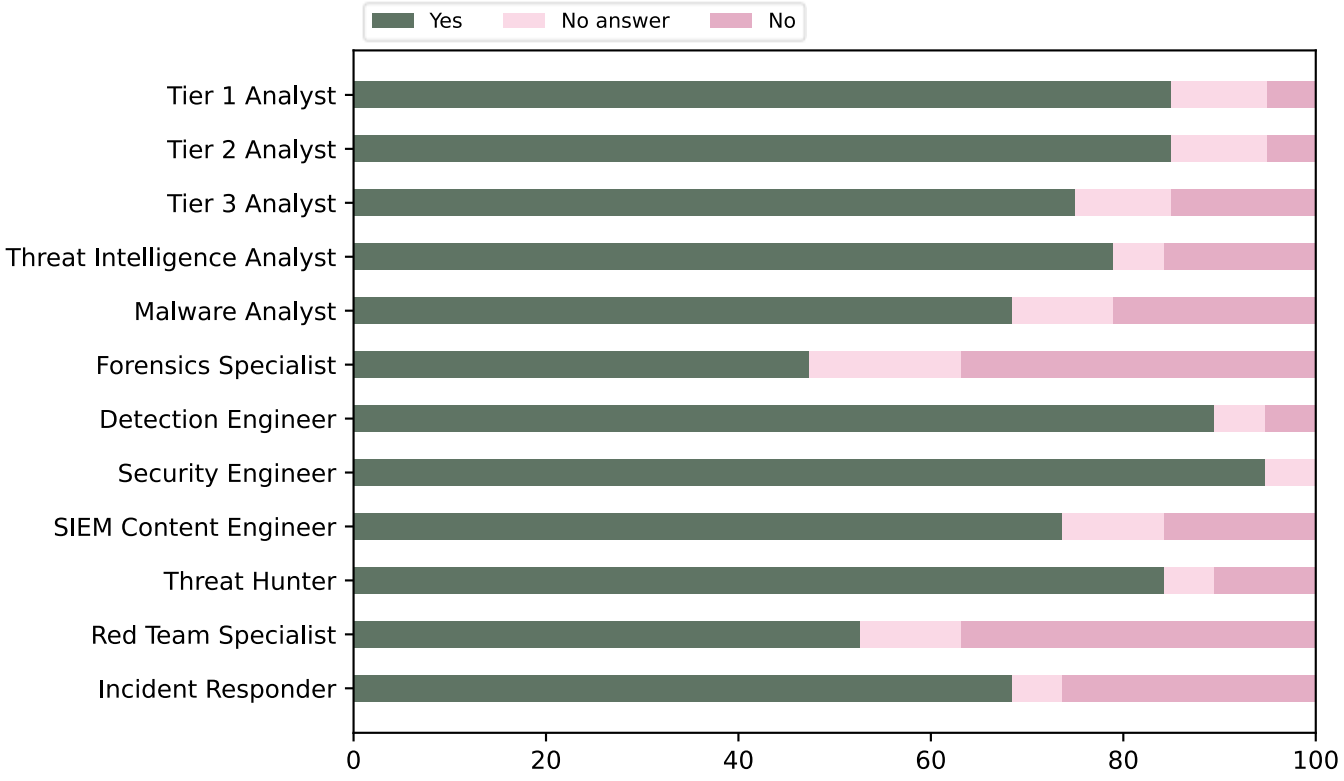
SOC ROLES

TECHNICAL SOC ROLES

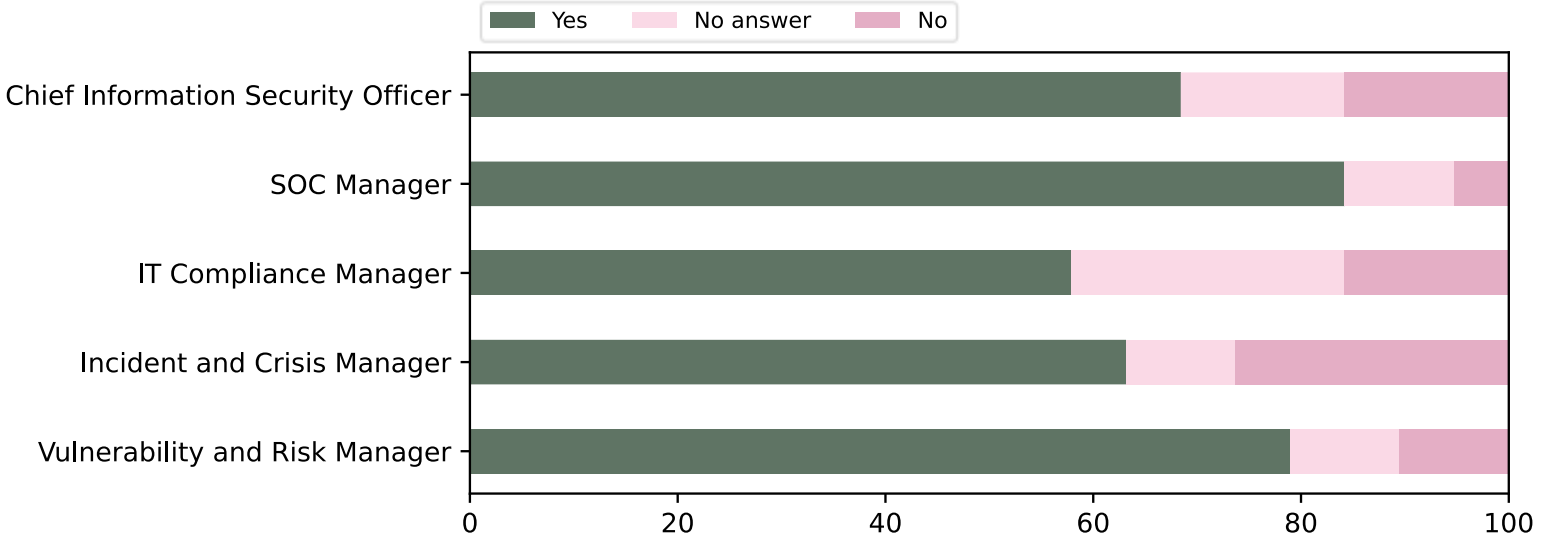
MANAGEMENT SOC ROLE

CONSULTING ROLES

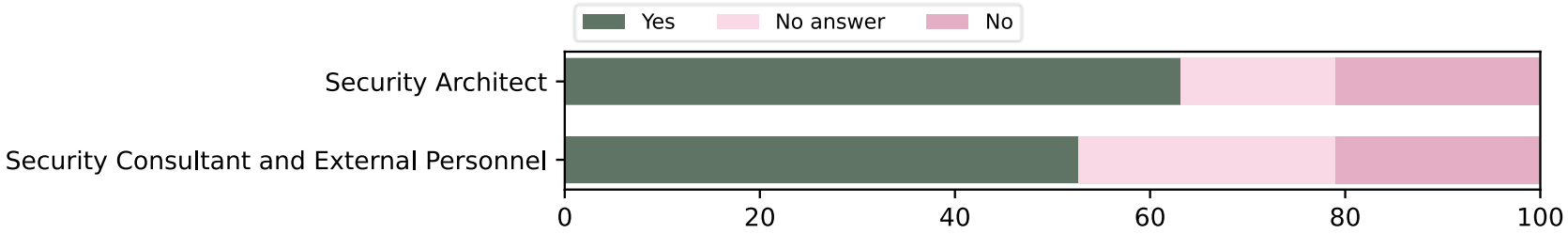
TECHNICAL SOC ROLES



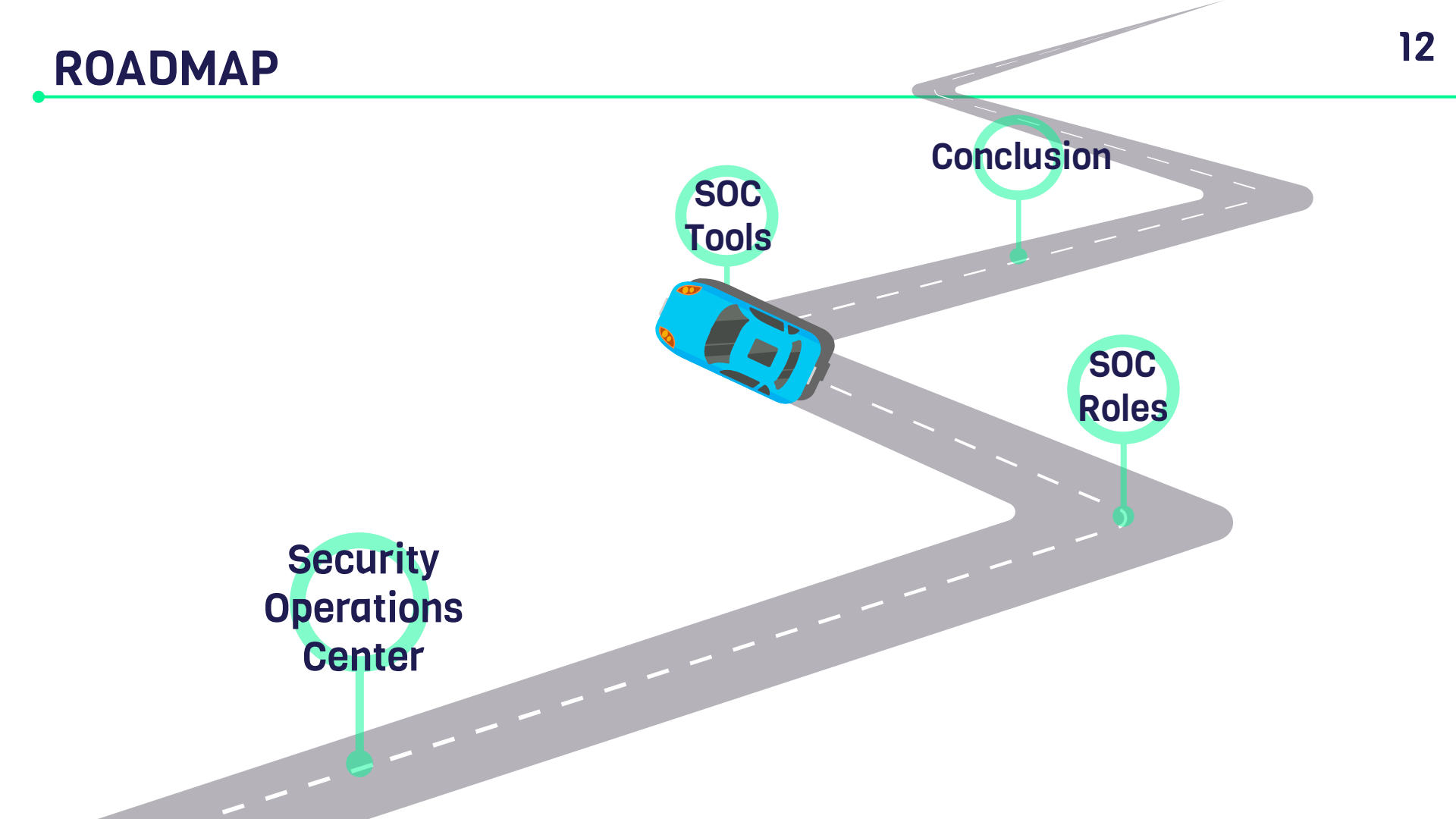
MANAGEMENT SOC ROLES



CONSULTING ROLES



ROADMAP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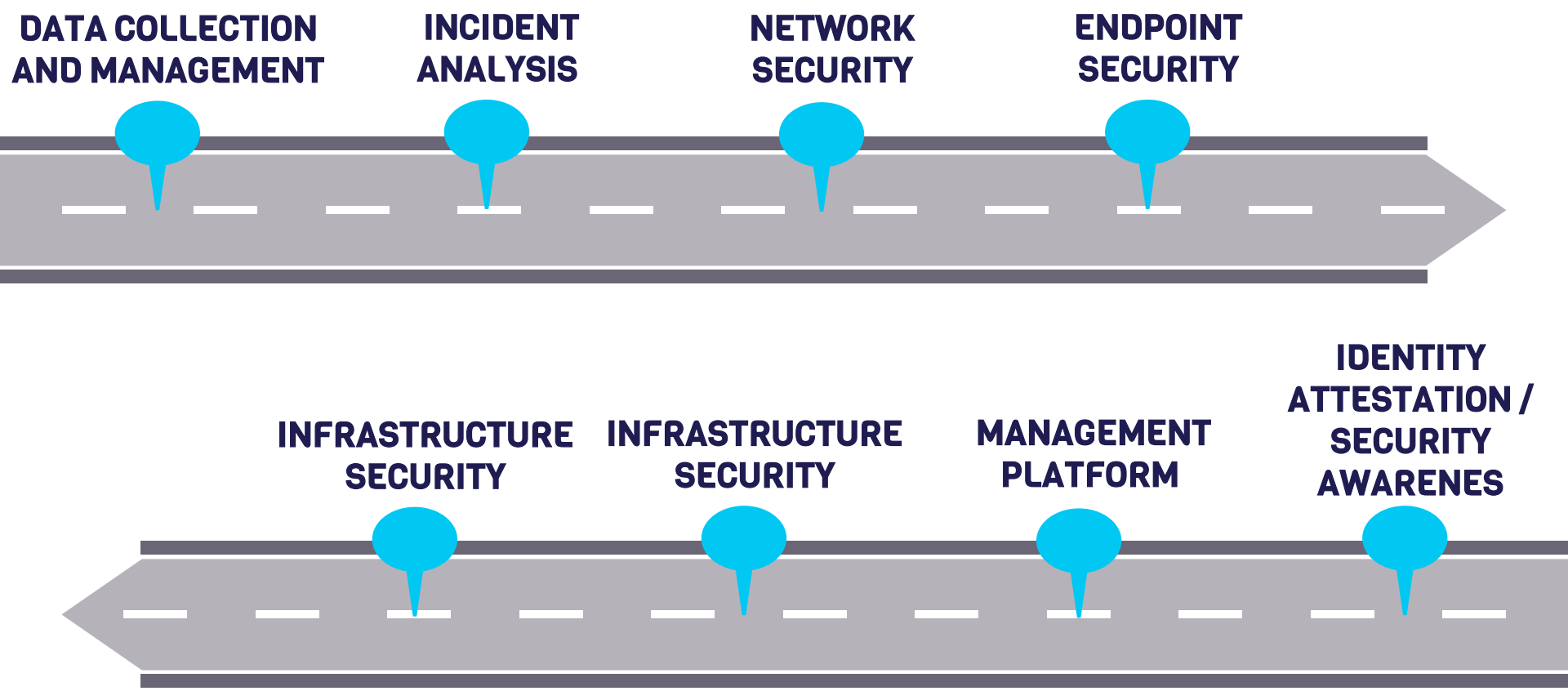
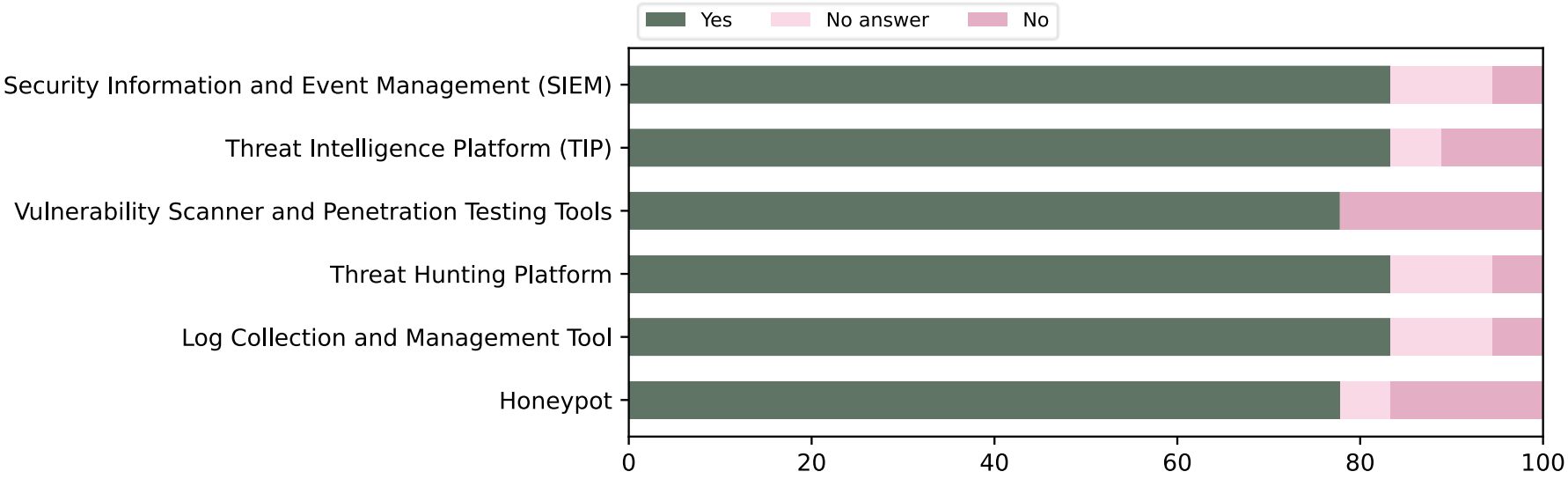
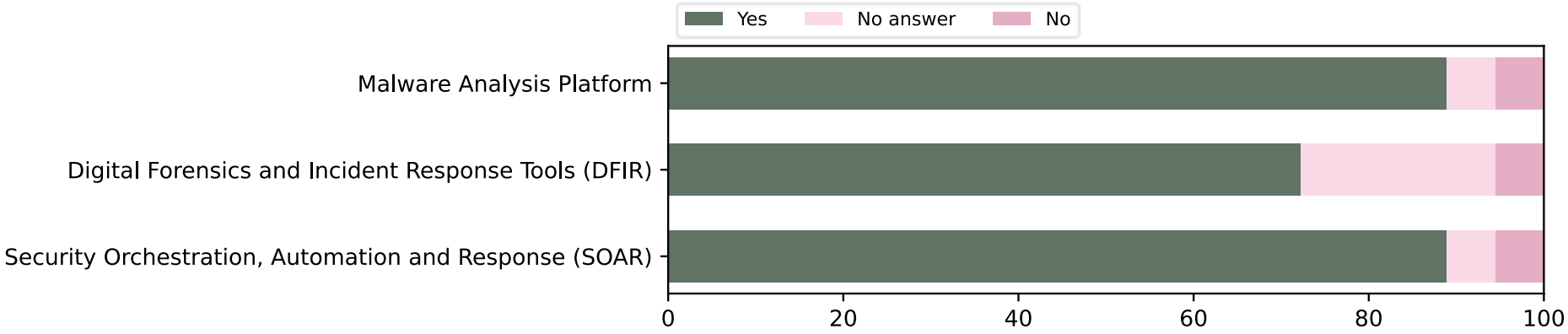
SOC ROLES


DATA COLLECTION AND MANAGEMENT
INCIDENT ANALYSIS
NETWORK SECURITY
ENDPOINT SECURITY
IDENTITY ATTESTATION / SECURITY AWARENES
MANAGEMENT PLATFORM
INFRASTRUCTURE SECURITY
INFRASTRUCTURE SECURITY

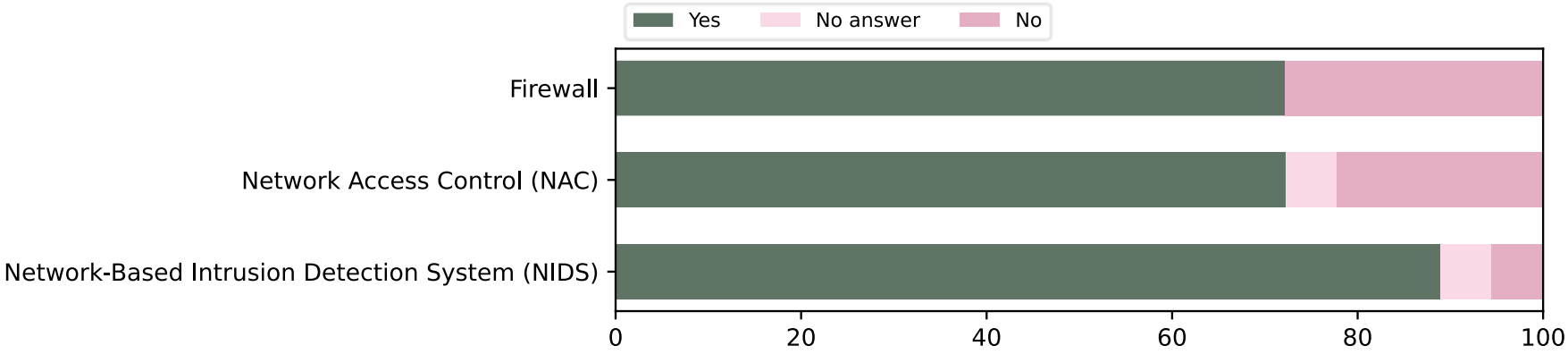
DATA COLLECTION AND MANAGEMENT



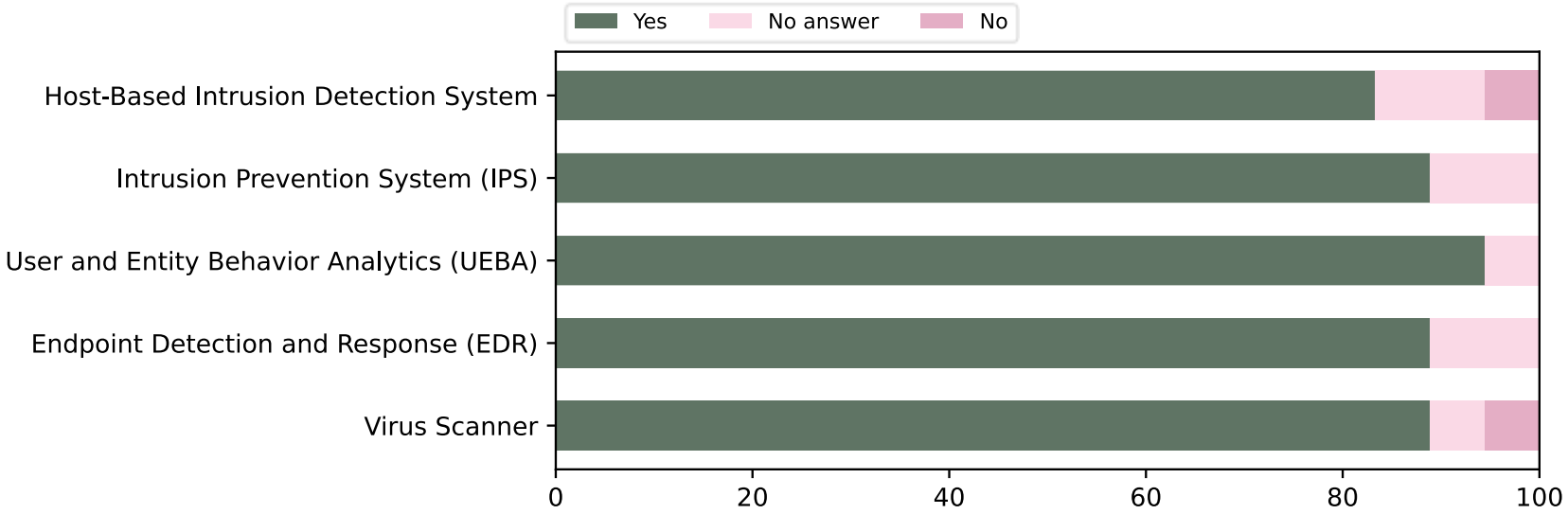
INCIDENT ANALYSIS



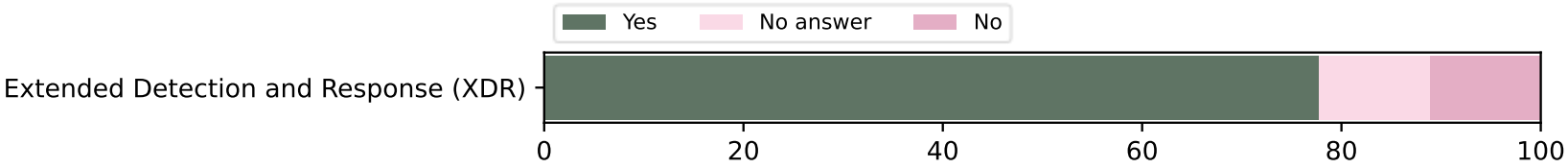
NETWORK SECURITY



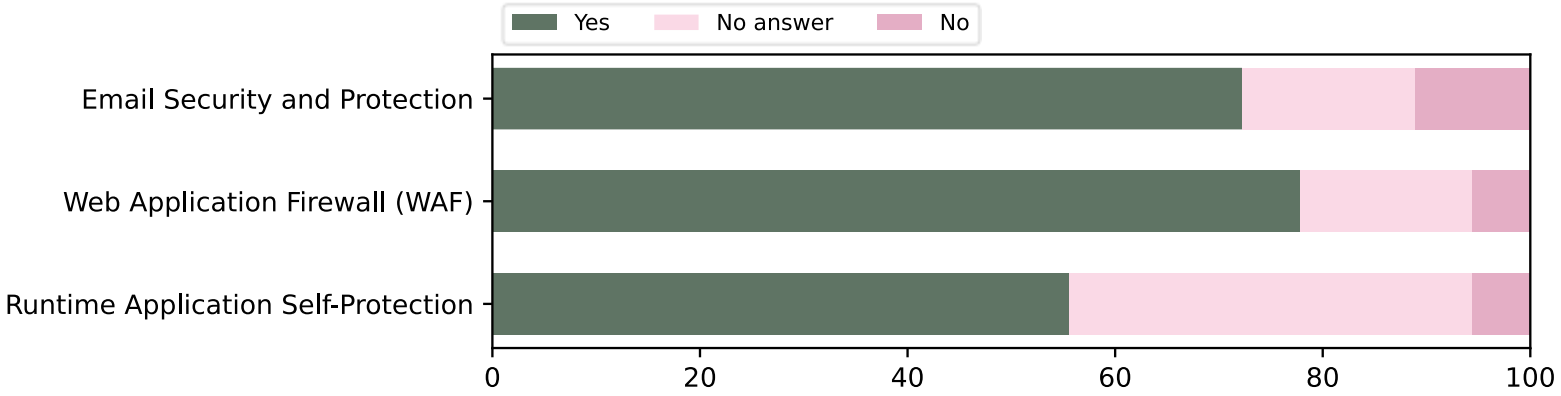
ENDPOINT SECURITY



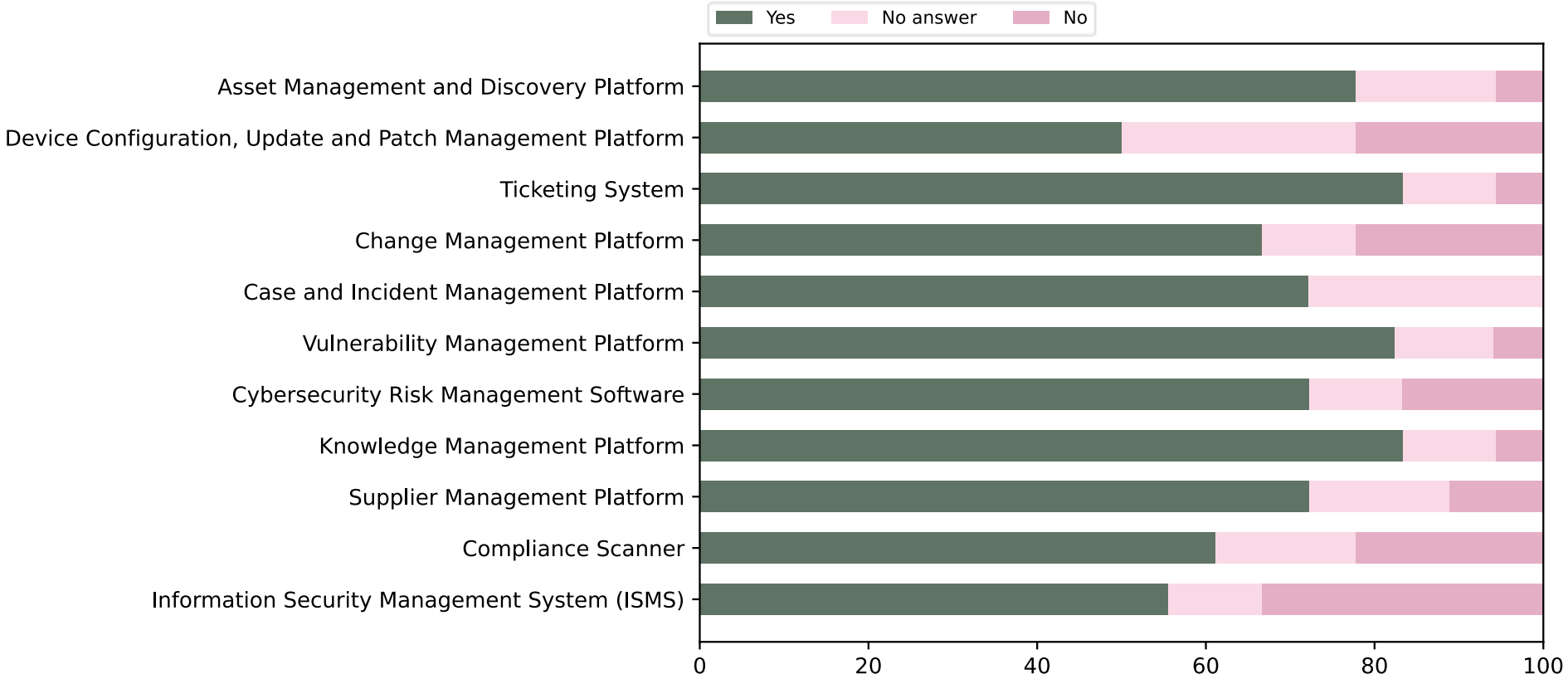
INFRASTRUCTURE SECURITY



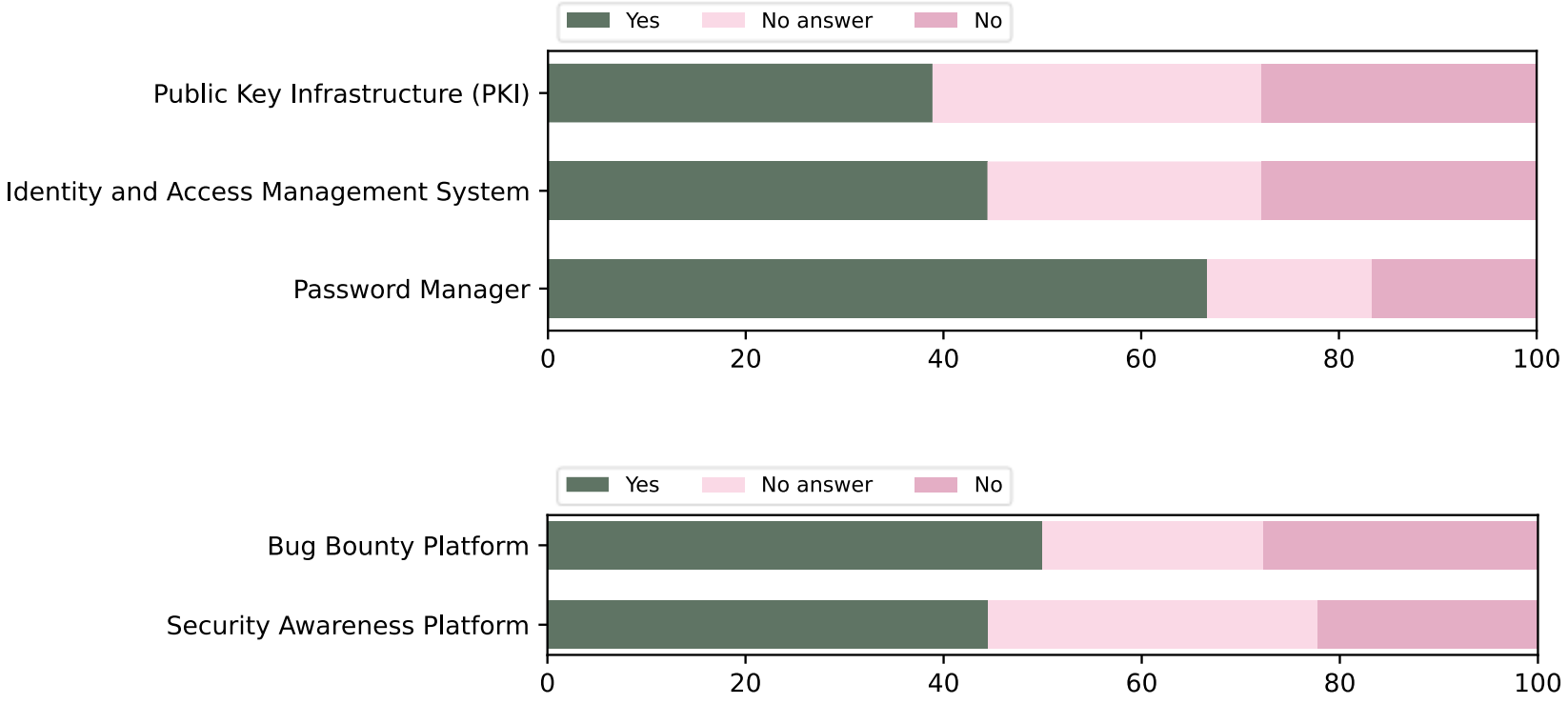
APPLICATION SECURITY



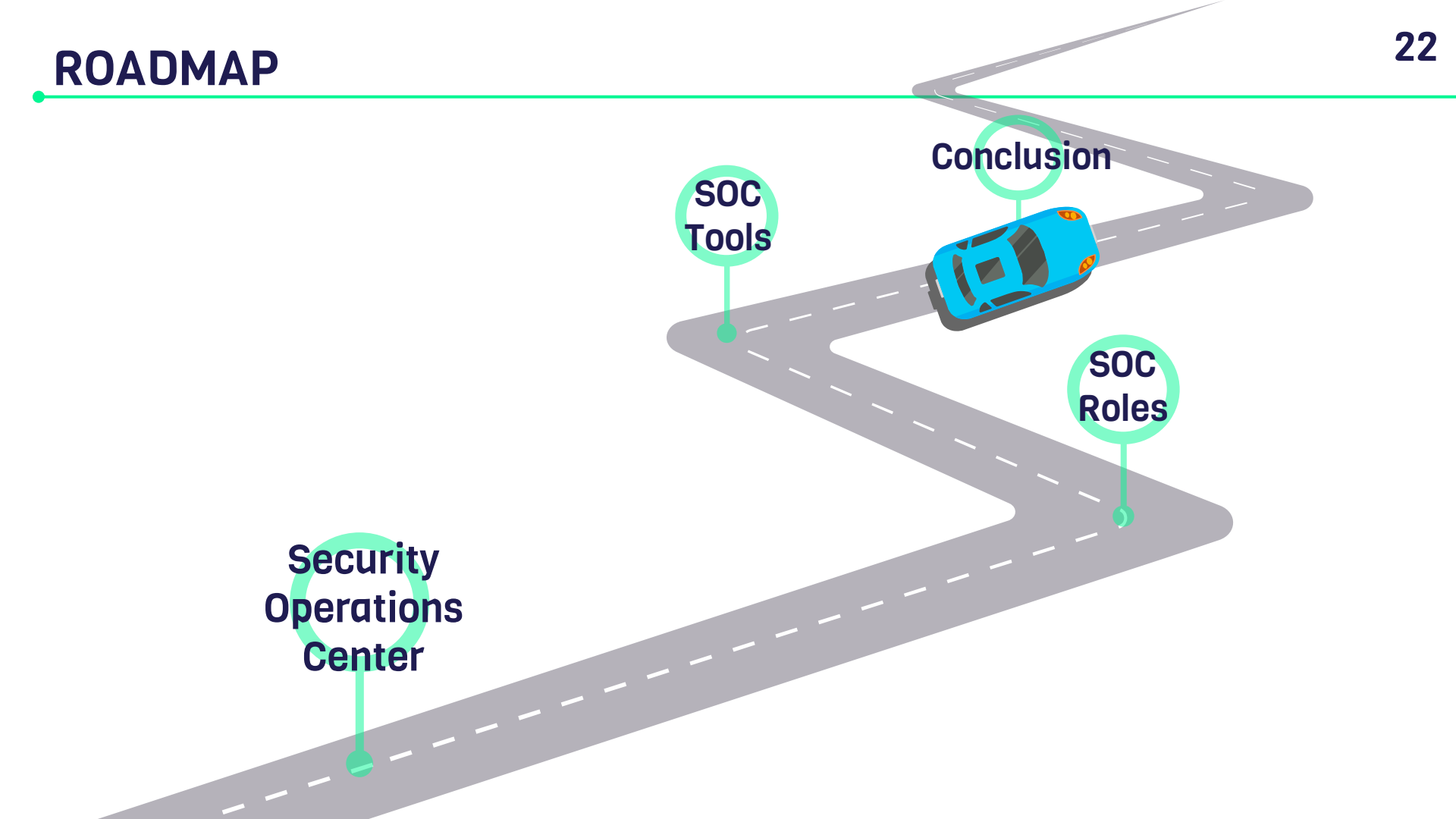
MANAGEMENT PLATFORM



IDENTITY ATTESTATION / SECURITY AWARENESS



ROADMAP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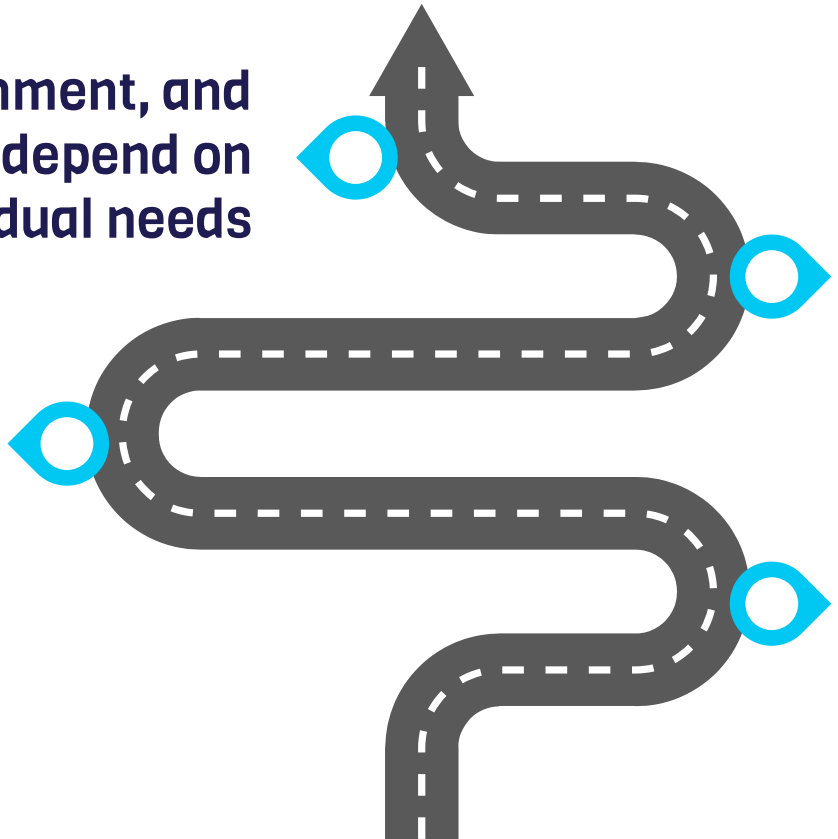
CONCLUSION

Presence, assignment, and capabilities depend on individual needs



More specializations

Automation

Single-platform approach

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