

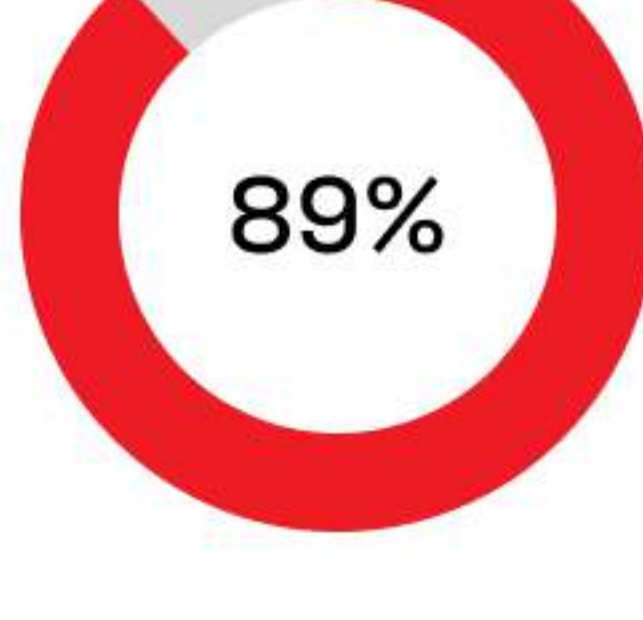
# OIL AND GAS CYBER SECURITY



## Oil and Gas Under Cyber Attack

The average financial damage amount of a cyber disruption to OT and industrial control systems.

**\$2,8M**



Oil and Gas firms have experienced cyber attacks impacting production and energy supply.



Oil and gas industry is the **4th** most attacked industry worldwide



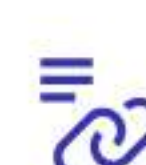
experiencing **8.2%** of all observed attacks.



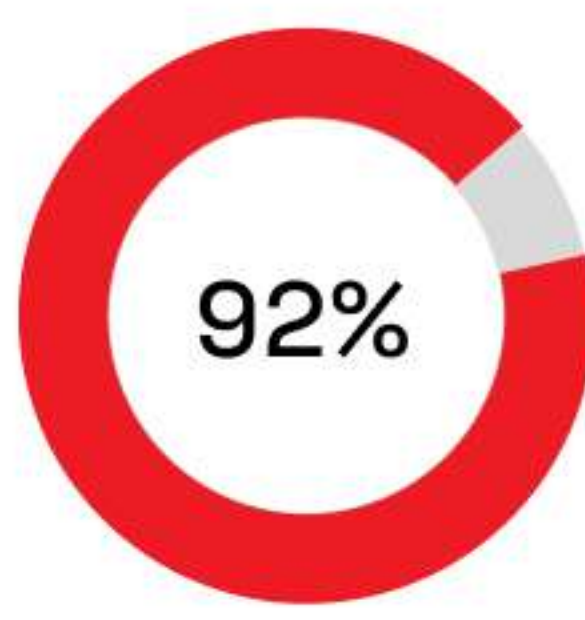
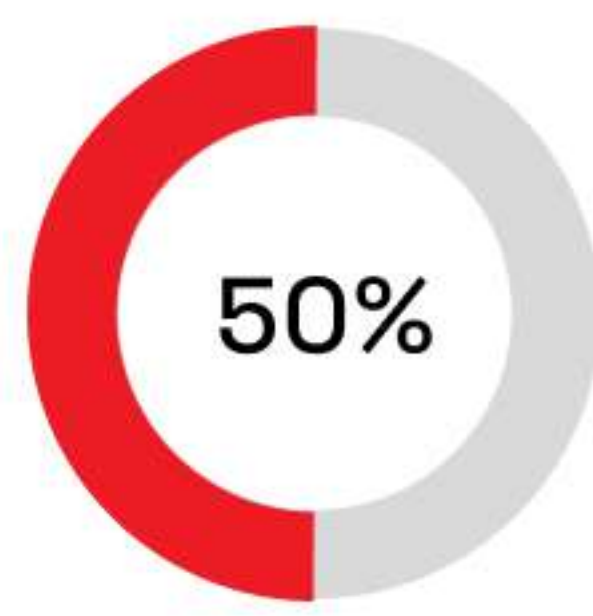
## IoT Devices as Cyber Targets



The oil & gas industry will have more than **2.6B** of IoT connected devices worldwide by 2030.

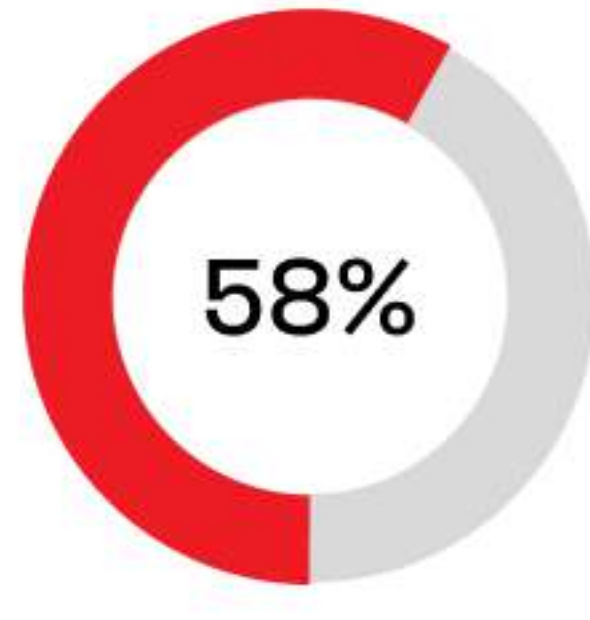


IT professionals in oil and gas companies worried about IoT device loss to a cyber attack, as well as information loss and identity breach.



of oil and gas businesses believe their IoT projects could be more secure.

respondents believe that poor network security is the biggest challenge associated with IoT projects.

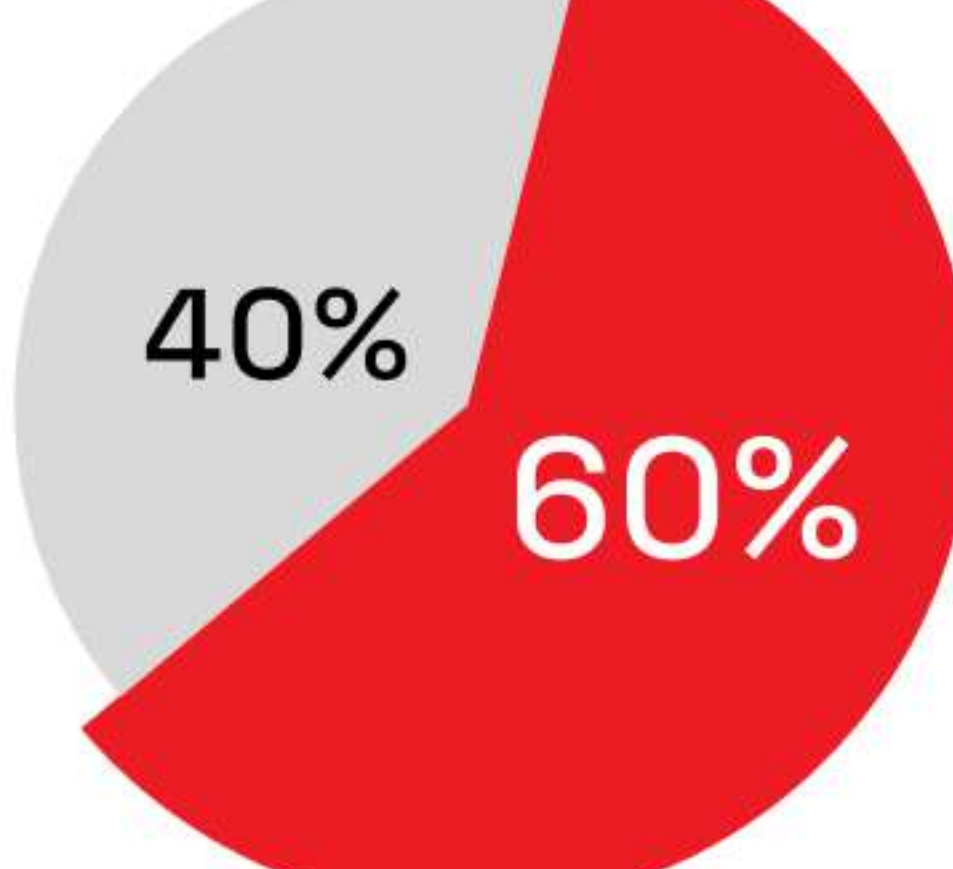


## Top Attack Types



## Top Attack Vectors

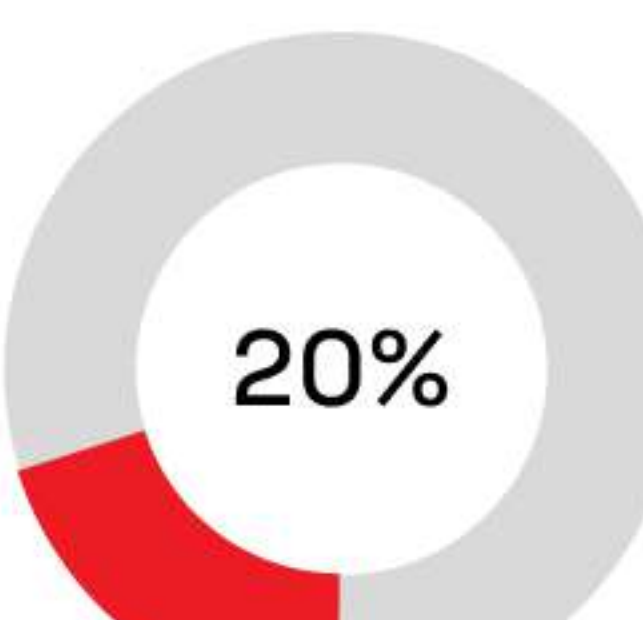
Vulnerability exploitation



Phishing



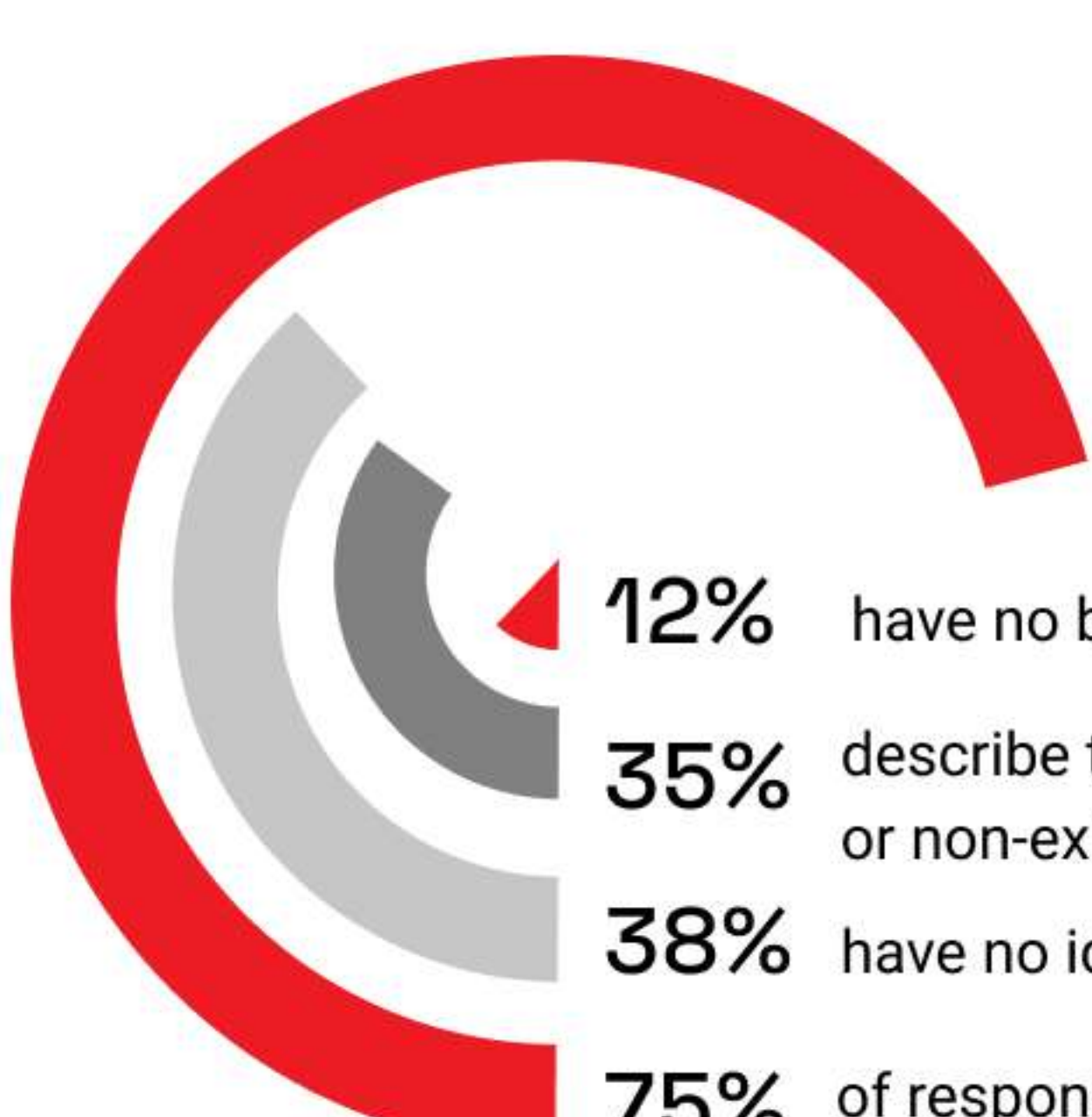
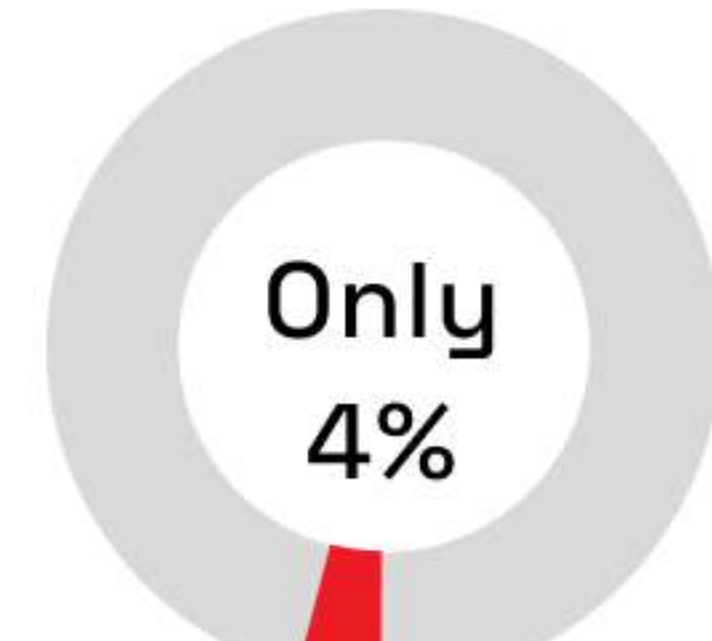
## Cybersecurity Maturity in Oil and Gas



of oil and gas firms have a chief information security officer (CISO), meaning cybersecurity is still not a central part of strategies.



of organizations have fully considered information security in their current strategy, and monitor cyber threats, vulnerabilities and risks.



have no breach detection program in place.

describe their data protection policies as ad-hoc or non-existent.

have no identity and access program.

of respondents rate the maturity of their vulnerability identification as very low to moderate.



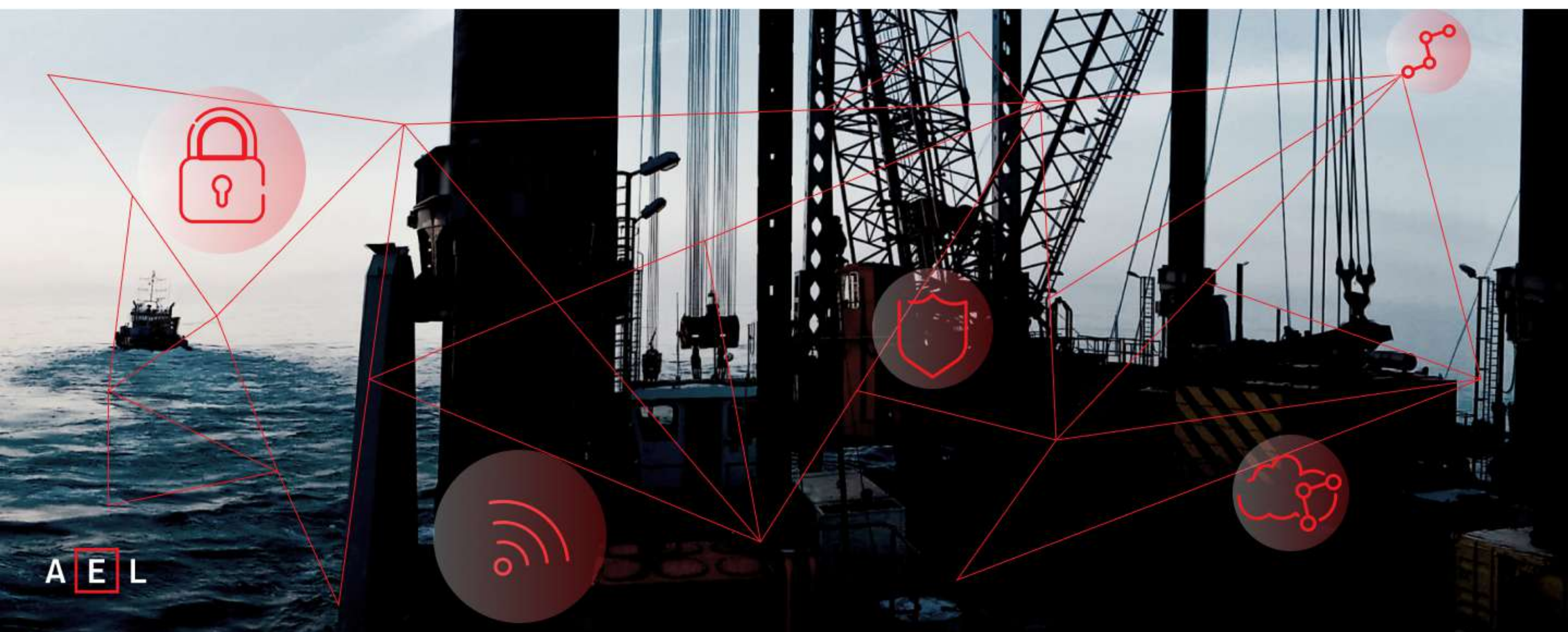
## Why AI security Matters

Companies using AI and automation see:

- an increased return on security investment (ROSI)
- reduction in data breach costs.

**40%**

**18%**



All in all, AI EdgeLabs is a smart and powerful platform that mitigates cyber risks in a sector that is ongoingly experiencing a digital revolution and is now targeted for geopolitical purposes and financial gain.

Thanks to a robust set of algorithms embedded with machine learning and deep reinforcement learning, AI EdgeLabs provides end-to-end network visibility, early threat detection, and concrete remediation actions to secure critical Edge and IoT infrastructures of the oil and gas sector.



# PROTECT YOUR EDGE & IOT ENVIRONMENT

