



People & Technology, Intelligently Secured®

Understanding the 3 biggest cyber
risk factors in every business



A woman with brown hair, wearing a bright yellow turtleneck sweater and a blue earring, is seated and looking slightly to her right. The background is a softly lit room with a floor lamp and a window. A thin white line is positioned above the text at the bottom of the frame.

Cybersecurity is at the heart of every aspect of life.



Mitchell Scherr

Chief Executive Officer

Assured Cyber Protection

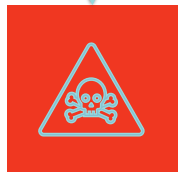
The Good, the Bad, and the Ugly



Manufacturers are investing more in cloud, network security and internet of things (IoT) security than they did a year ago.



47% of manufacturers put technology advancement ahead of security.
40% of manufacturers were victim to a cyber attack in the past 12 months.
25% do not even know whether they have suffered a cyber attack.



42% of manufacturers have a company wide security policy;
36% have a dedicated board member with a cyber-security focus and;
40% offer staff training in cyber security.

Cyber Security is not (just) a technology issue



Cyber risk is multi-faceted



Risk management approaches should be holistic



People, Organisation and Technology



Si Pavitt PhD

Head of Cyber Culture & Behaviour

UK Ministry of Defence

Are your users the weakest link?





91% of all cyber attacks begin with a phishing email to an unexpected victim
8 simple practices towards cyber-resilience

Human error to blame for 9 in 10 UK cyber data breaches in 2019

6 FEB 2020 NEWS

90% of UK Data Breaches Due to Human Error in 2019

Human Error Caused 93% of Data Breaches

Friday, January 9, 2015





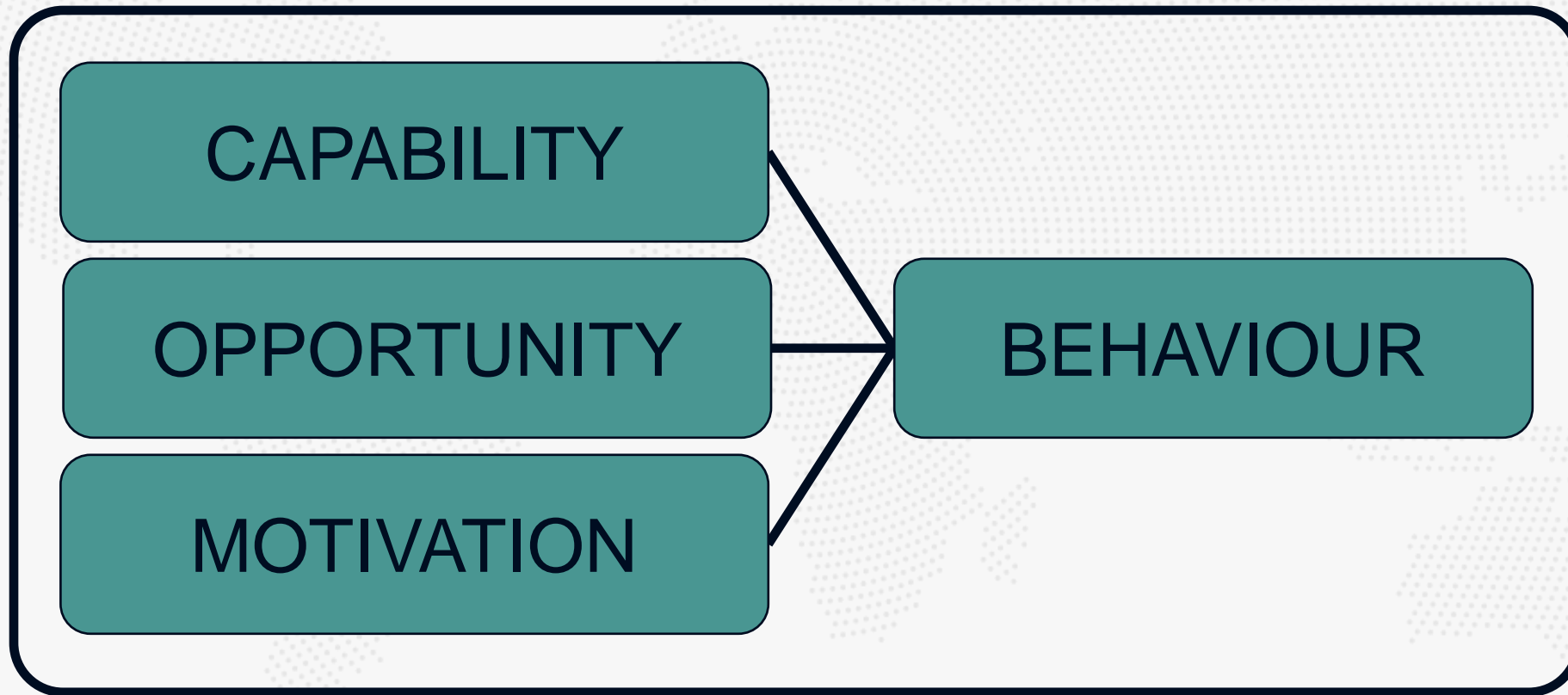
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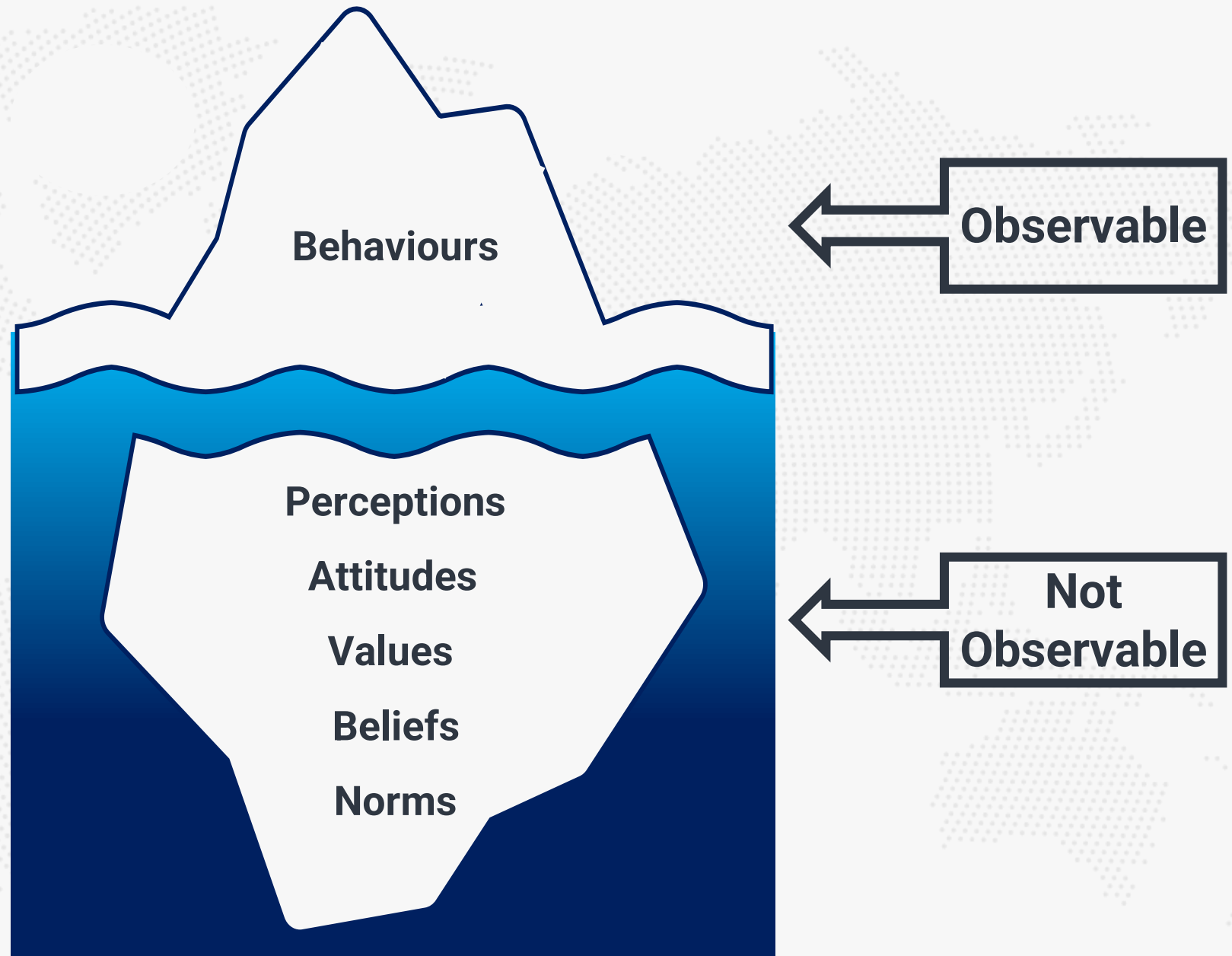
Cyber Security! = Psychology

If people **KNOW**,
they will **DO**

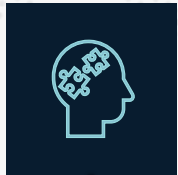
Mitchie's Behavioural Change Model



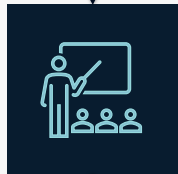
Culture Iceberg



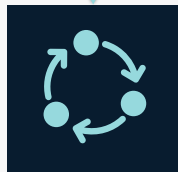
Three points of focus



Behavioural change is complex and nuanced



Education without motivation is wasted effort



Focus on behaviour and culture will follow

CAPABILITY

OPPORTUNITY

MOTIVATION

BEHAVIOUR





Andrew Clarke MSc FCMl
Chief Strategy Officer
Assured Cyber Protection



The attacks vary in seriousness and cost in monetary terms. Even the smallest of cyber invasions could potentially render a manufacturing company unable to operate for a time, lose critical IP or data, or cause significant reputational damage.

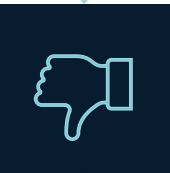
Verity Davidge, Director of Policy Make UK

The top three problems

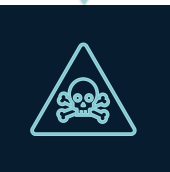


Lack of

ment input.



False s



Lack of



courtesy of Tech Owl

So what



The chief technology officer and I meet formally every other week and discuss cyber security – what are we doing? What do we need to do in the future? Then we report back to the executive team.

John Blake Chief Human Resources Officer
Vector Controls and Automation Group



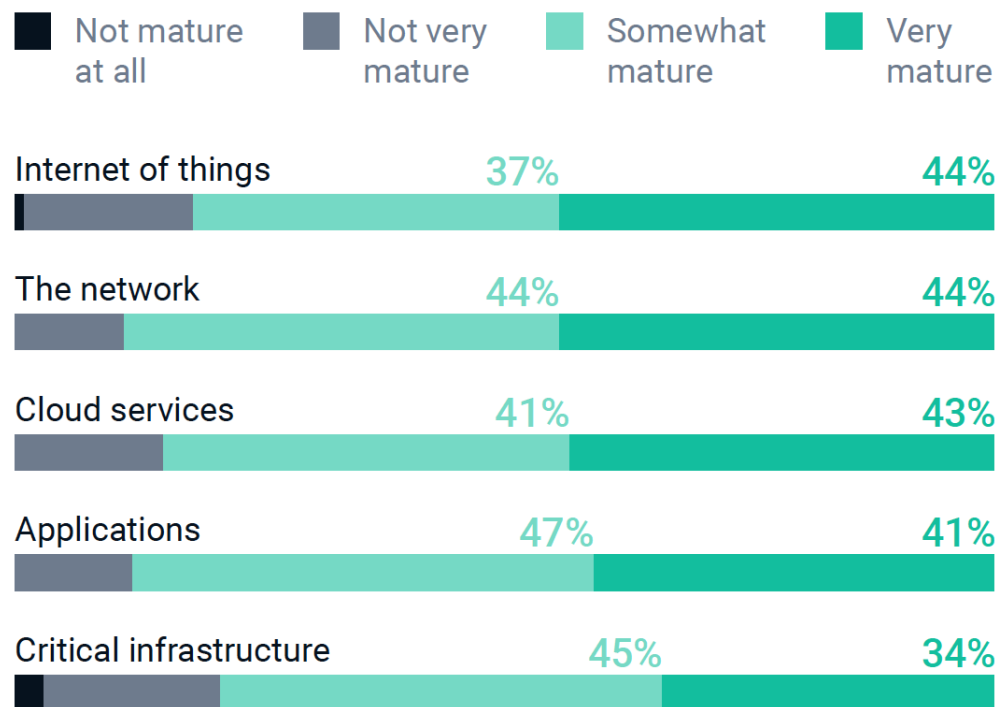
Lee Mora MSc

Chief Technology & Innovation

Assured Cyber Protection

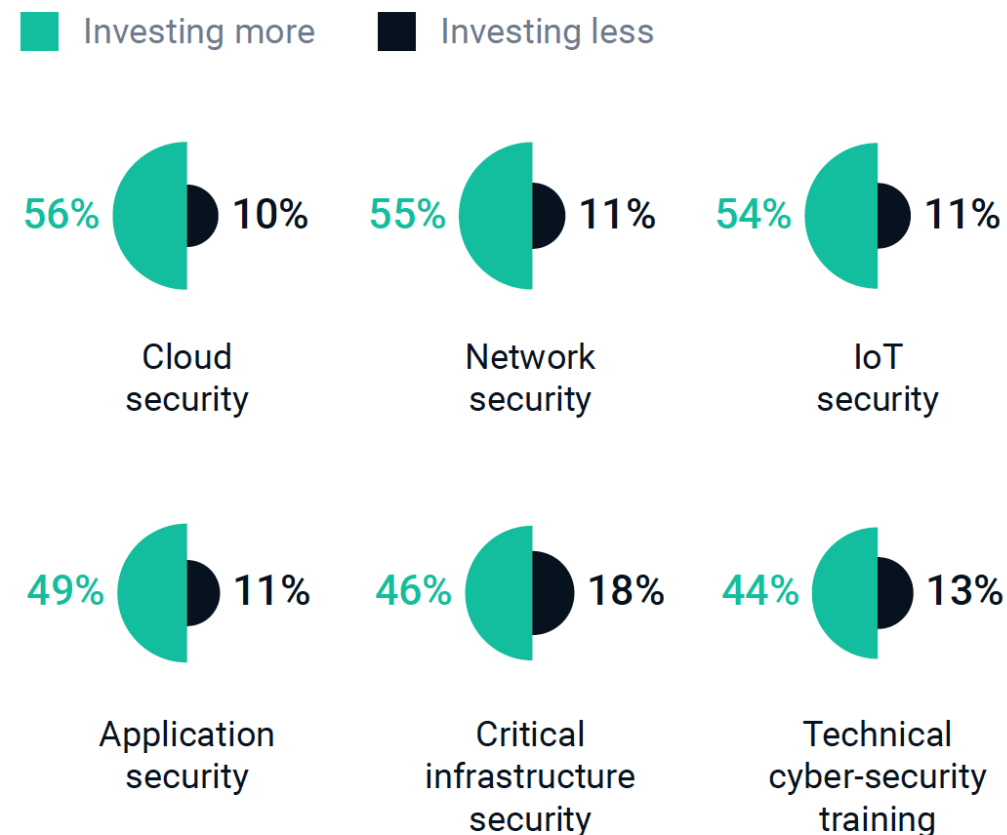
Manufacturers feel like they can secure their technology

How mature would you say your organisation is in securing the following areas?



Manufacturers are investing more in security technologies

How has your investment in the following cyber-security protections changed in the past year?





Only 35% of respondents were able to deter a cyber attack in the last year.



In 2022 manufacturing became the most cyber-attacked industry.



80% of senior IT security leaders believe their organisations lack sufficient protection against cyberattacks despite increased investments made in security technology in 2021.



Missing the Fundamentals

Mandatory software updates
within 14 days of release

33%

Regular prompts to
change passwords

33%

Access
control

27%

Penetration
testing

27%

Regular data back-up or
mandatory use of cloud services

43%

Permissions/
privileges control

34%

Discouraging employees to
work from public WiFi

33%

Mandatory use
of VPN

25%

Key Takeaways

- Cyber defence technology is not a silver bullet
- It takes cyber expertise to setup and monitor
- Outsourcing doesn't make the problem go away
- Absolutely required, just not in a vacuum
- Get it tested regularly

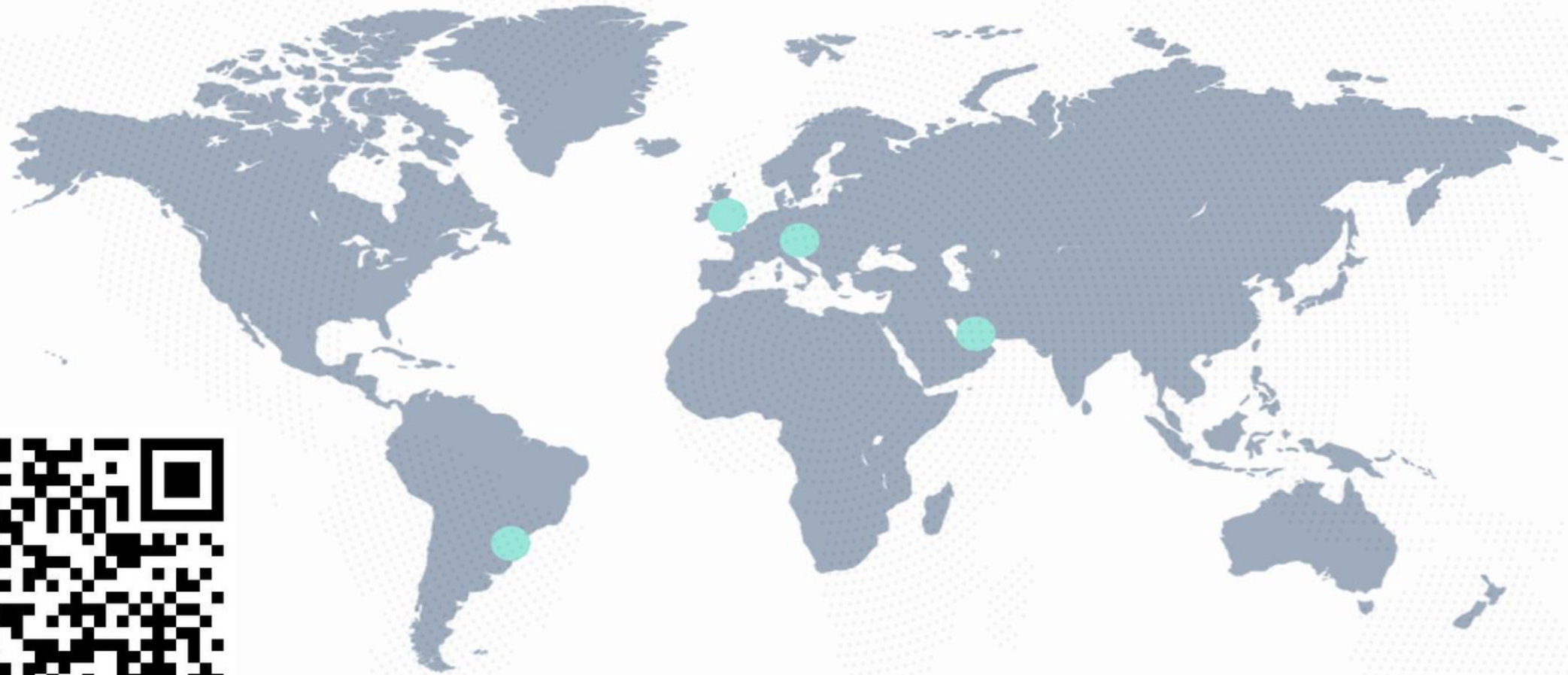


Elliot Thompson

Senior Cyber Engineer

Assured Cyber Protection

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