



CISO EUROPE
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SECURITY RISK & GOVERNANCE
GAINING BOARD & STAKEHOLDER BUY IN

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Agenda

- Introduction and Lessons learnt
- Can a company Board afford not to have you?
- New Board trends
 - Unprecedented demand for CIOs/CISOs to serve as a director on the board.
- The spur: Global cost of cyber attacks

A moving role and target

- Cyber attacks are not just an IT or technical issue, it's a business issue.
- Increasing the size and budget of security teams.
- A CISO has to be proactive in persuading his Board to invest in cyber security

CISO'S role is changing

- CISO'S NEW RESPONSIBILITIES
- Increasing pressure from stakeholders to provide reassurance that cyber risks are actively managed.
- Cyber threats are estimated to cost the UK economy billions of pounds
 - with a near doubling of attacks last year alone

Outlook for 2016

- New Threats and responding to threats
- EU DIRECTIVE ON DECLARATION OF ATTACKS
- Cyber-crime will spread into all sectors, bringing more companies into the firing line
- Sectors most engaged with cyber security are telecommunications, and financial services
 - especially where personal data is involved
 - Many serious gaps do come to light.

European Agenda on IT Security

- The EU Cybersecurity Strategy offers a framework for all initiatives on cybersecurity and cybercrime
 - Digitising European Industry strategy launched on 19 April 2016
 - Trust/security are key pillars of Digital Single Market Strategy
- 16 initiatives set in the overall strategy
 - Aims to strengthen cybersecurity & 5G, cloud computing, the Internet of Things, Data technologies

Source; http://europa.eu/rapid/press-release_IP-15-4865_en.htm

<https://ec.europa.eu/digital-single-market/en/cybersecurity>

Responding to the threats

- The CISO is too far down the chain to be heard.
- Companies have been ill equipped to defend.
- Under pressure from stakeholders to provide assurance
- Lack of cyber awareness at board level
- Restricted budgets, and only grudgingly given.
- Drain on budgets. No evidence of profit
- Until a major cyber-attack and the costs are open

How should a CISO present & persuade?

- Think business
- Take advantage of major cyber attack
 - relate the risks
- Media coverage with public outrage,
 - a sharp awakener
- The principles are clear and without jargon.
 - A short succinct paper circulated in advance helps
- Responsibility is Oversight and Governance.
 - The case for investment, poorly explained

CISO is a businessman & a technician

- The soft language of business & communication, free of IT jargon
- Establish trust and credibility with tech-savvy directors
- The solution is on money and not a technical solution
- Training when staff become a hackers tool
- Talk up systems which need attention and enhance protection
- Use analogies to explain technical concepts in layman's terms
- Align the security risks alongside the business goals
- The business aspect of strategy, prioritisation and control
- Answer the standard Board room question: 'how secure are we?'
- Socialise the message, so that this is a team story

The really hard work begins...

- Redefine the CISO's aspiration in the organisation
- Improve and update technology equipment and data products
- Digital governance includes ; governance, culture and processes
- ABOVE All – the buy in from all stakeholders –
- From Chairman, CEO to The Receptionist

Exorbitant Nordic costs

- THE PRICE TO PAY
 - \$575b lost globally at a cost of 90m attacks
- **NORDIC COSTS & IMPLICATIONS**
- GET IT WRONG – YOU GO BUST
 - The crisis after a major cyber attack.
 - The fact is criminals & pranksters are thriving

CONCLUSION

- Expect changes on the CISO, role, function and responsibility throughout the organisation
 - Rather like a rider on top of an elephant with a small stick –
 - not in a position of authority, but in a position of influence.
- Information risk, key aspect for stability & profitability
- Cyber risk is considered one of the top business risks.
- Senior executives do care about information risks
- They need to hear the full story directly from the security leader

THANK YOU!

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