

BOARD AND EXECUTIVE CYBER RISK MITIGATION



CYSTEL CYBER LEAD PROGRAMME

Cyber Security Leadership Programme for Senior Executives



GAIN INSIGHTS INTO CYBER SECURITY LEADERSHIP IN A DAY

WWW.CYSTEL.CO.UK



Board and Executive Cyber Risk Mitigation

CYSTEL CYBER LEAD PROGRAMME

The Verizon 2018 Data Breach Investigations Report (DBIR) states that no location, industry or organization is immune from attack. The global cost of cybercrime is expected to exceed \$2.1 trillion by 2019.



The average cost of cybercrime globally climbed to \$11.7 million per organization. A whopping 62 percent rise in the last five years (research from Accenture and the Ponemon Institute) .



Senior executives are at the forefront to defend against evolving cyber threats and to foster a culture which values and protects information. This requires effective cyber security leadership and the right strategy to manage cyber risks.



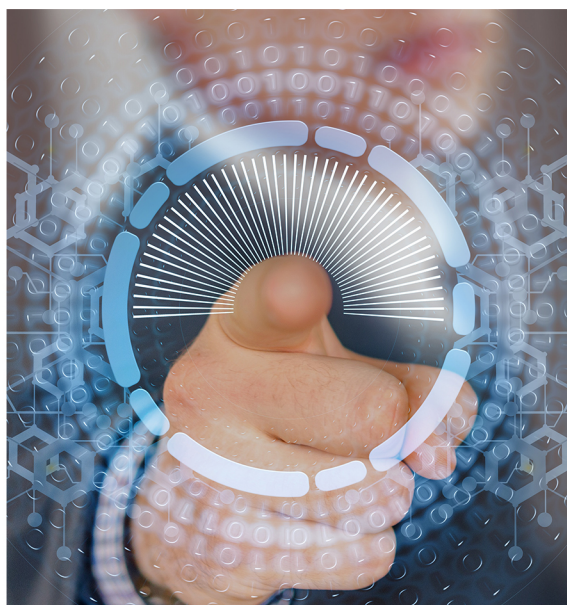
At Cystel , we help you fight cybercrime, prevent breach of data and eliminate the risk of cybercrime costs.

Board and Executive Cyber Risk Mitigation

CYSTEL CYBER LEAD PROGRAMME

It is imperative that senior executives recognise accountability, lead from the top and actively upskill in order to develop their own knowledge and capabilities.

Our cyber security education and training institution, 'Cystel' provides a leading edge senior management level training and leadership programme, delivered by experts who are appointed according to the industry and senior management individual needs. This programme can be delivered as a one day course or over a week to six months (or over a timescale to meet business and personal objectives). It consists of in-depth executive training and one-to-one mentoring to enhance cyber security leadership capability and knowledge in a challenging and dynamic business environment.



YOU CAN PROTECT, DEFEND & GROW BY GAINING

- ✓ Insights into the latest cyber security issues.
- ✓ In-depth understanding of today's threat landscape.
- ✓ Understanding the true costs and impact of cybercrime in businesses.
- ✓ Demonstrating leadership in Cyber security.
- ✓ Demonstrating Cyber Security crisis responsiveness.
- ✓ Certification in Cyber Security Leadership.

Board and Executive Cyber Risk Mitigation

CYSTEL CYBER LEAD PROGRAMME

Today's cyber environment requires boards and executives to think critically and prepare for significant cyber issues facing their organizations. At Cystel, we understand the unique roles, viewpoints, and responsibilities of boards, executives, and corporate leadership. Cyber security threats, when understood, evaluated, and aligned with your leadership role, can be mitigated as part of an organization's broader enterprise risk management program.



ACTIONABLE

Every participant leaves our programs with actionable takeaways that articulate the organization's greatest cyber risks, its overall risk tolerance, and associated controls.



CONFIDENTIAL

Our programs can be delivered on-site at a location of your choice. Any specific information regarding your organization can be addressed directly and with discretion.



CUSTOMIZABLE

Our programs can be customized to address your organization's cyber security issues. Cyber Lead seminars are designed to be specific to the respective roles that board and executive leaders fulfill.



FLEXIBLE

Our programs are designed to fit into your busy schedule. Our training programs can be delivered in - person at a place of your choosing, or completed online to maximize convenience.


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PREPARE AND EMPOWER

EARN YOUR CERTIFICATE : Demonstrate your ability to prevent cyber risk by earning our certificate in cyber security leadership.

PROTECT YOUR FINANCIAL ASSETS : Avoid being blindsided by financial losses associated with cyber incidents.

EXUDE CONFIDENCE : Let your peers, shareholders, employees, know that you have the knowledge to confidently assess cyber threat.

STAY COMPLIANT : Implement our best practices and recommendations.

Cystel Cyber Lead

CYBER SECURITY SEMINAR: ON - SITE

IN-PERSON SEMINARS FOR BOARDS AND EXECUTIVES

This executive - focused program provides senior leadership with the knowledge necessary to understand, monitor, and manage cyber risk as well as help meet compliance requirements. The content of Cystel's seminars uses our cyber security curriculum to build-upon the foundational elements needed to measure, manage, and report on cyber risk from a business perspective.

We incorporate case studies and examples to contextualize specific learning points, and provide a comprehensive cyber risk manual that contains key questions, actionable tools, and content specifically focused on an executive audience.




Our approach simplifies cyber risk concepts across three main units: Prepare, Monitor, and React. Our training is deliberately sequenced in a manner that scaffolds the learning process, making cyber risk issues easier to comprehend, govern, and mitigate.

What's Included

ON - SITE FEATURES



- ✓ 1.5 – 3 hours in length.
- ✓ Includes Cystel's workbook.
- ✓ Key questions & recommended actions.
- ✓ Incorporates case studies, role specific guidance, and dynamic exercises.
- ✓ Covers 25+ topic areas.
- ✓ Customised  to your organization by aligning your specific cyber security policies, controls, & strategy into the training.



PREPARE/ASSESS CYBER RISK

We provide interactive content that helps leadership identify relevant cyber risk scenarios and measure the amount of risk associated with each.



MONITOR/MAINTAIN CYBER SECURITY CONTROLS

This module empowers senior leaders to implement effective controls that help manage cyber risk across people, process, technology, and environment.



REACT/RESPOND TO A CRISIS

By centrally focusing decisions around enterprise risk themes and actions, this module as a compass when navigating and planning for management of a cyber security crisis from the executive perspective.

CYBERCRIME MAGAZINE



Top 5 Cyber security Facts, Figures, Predictions, And Statistics
For 2019 To 2021



1

CYBERCRIME DAMAGE COSTS ARE PREDICTED TO HIT \$6 TRILLION ANNUALLY BY 2021

Cyber crime damages will cost the world \$6 trillion annually by 2021, up from \$3 trillion in 2015. This represents the greatest transfer of economic wealth in history, risks the incentives for innovation and investment, and will be more profitable than the global trade of all major illegal drugs combined.

2

CYBER SECURITY SPENDING WILL EXCEED \$1 TRILLION FROM 2017 TO 2021

According to Gartner Information security (a subset of cyber security) spending is expected to reach \$170.4 billion in 2022. Global spending on cyber security products and services are predicted to exceed \$1 trillion (cumulatively) over five years, from 2017 to 2021.

3

RANSOMWARE DAMAGE COSTS ARE PREDICTED TO GROW MORE THAN 57X FROM 2015 TO 2021

Global ransomware damage costs are predicted to reach \$20 billion by 2021, up from \$325 million in 2015. Ransomware attacks on healthcare organizations — often called the No. 1 cyber-attacked industry — will quadruple by 2020. Cyber security Ventures expects that a business will fall victim to a ransomware attack every 11 seconds by 2021. This makes ransomware the fastest growing type of cybercrime.



Cystel Cyber Lead

CYBER SECURITY SEMINAR: ON - DEMAND

DIGITAL SEMINARS FOR BOARDS & EXECUTIVES

We have adapted our Cyber Security Seminar on-site product into a flexible, online course designed to work around your busy schedule. Like the on-site program, this program provides senior leadership with the knowledge necessary to understand, monitor, and mitigate cyber risk as well as help meet compliance requirements.

The on-demand program is hosted in an intelligent learning management system that is fully accessible on mobile and desktop. The system tracks your progress and tests your knowledge to ensure that you make the right cyber risk decisions.



WHAT'S INCLUDED ON-DEMAND FEATURES

- ✓ Modular, bite-sized learning in high-quality video format.
- ✓ 25+ key cyber risk topics.
- ✓ Downloadable content including worksheets, case studies, and lesson materials.
- ✓ Subject matter expert interviews.
- ✓ Certificate of completion.
- ✓ Cyber risk glossary of terms.
- ✓ Annual subscription, including Cystel's Monthly Executive Cyber Briefing.



Cystel Cyber Lead

CYBER SECURITY - DEEP ROOTS

IN - PERSON BESPOKE EXECUTIVE CYBER SESSIONS

Cystel's Cyber Security 'Deep Roots' are highly customized, in-depth, & topic-specific training sessions for corporate leaders. These sessions are designed in concert with key stake holders within your organization & focus on a deep-dive examination of a single cyber security related topic, applying each topic back to the organisation in a relevant and meaningful way.

This program leverages relevant case studies, examples, and narratives to facilitate interactive dialogue among executive team and board members. Ultimate takeaways include recommended actions to address the topic area within your organisation.

Cystel offers 20+ topics from which to choose and we will work with a designated point of contact to select topics most pertinent to your organisation.

What's Included

ON - SITE FEATURES



- ✓ Available on-site at a location of your choice.
- ✓ 1 – 1.5 hours
- ✓ Deep examination of a topic: Choose from 20+ topics.
- ✓ Incorporates tailored case studies, role specific guidance, and dynamic exercises.

ARE YOU INTERESTED IN A TOPIC THAT IS NOT LISTED?

Ask us about it. We will work with you to ensure you receive training on the topic areas you are concerned about most.

Contact us at director@cystel.co.uk


DEEP ROOTS EXECUTIVE CYBER SESSION TOPICS

- ✓ The Value of Data
- ✓ The Deep & Dark Web
- ✓ Industry Specific Threats
- ✓ Cyber Threat Actors
- ✓ Evaluating Cyber Attack Surfaces
- ✓ Third Party Risk
- ✓ Human Risk & Social Engineering
- ✓ Cyber Risk Implications
- ✓ Reducing Cyber Impact
- ✓ Creating a Culture of Cyber security
- ✓ Establishing Cyber security Leadership
- ✓ Developing a Cyber security Workforce
- ✓ Developing a Cyber Aware Organization
- ✓ Establishing Effective Response Plans
- ✓ Monitoring Threat Environments
- ✓ Information Sharing
- ✓ Legal & Regulatory Environment
- ✓ Crisis Roles & Responsibilities
- ✓ Dealing with Stakeholders
- ✓ Managing Risk Implications

Cystel Cyber Lead

CYBER SECURITY AWARENESS

IN - PERSON OR ONLINE CYBER SECURITY AWARENESS

Cystel's Cyber security Awareness Training Program provides organisations with the means to promote a positive culture of cyber resilience by increasing employee awareness around common and/or specific cyber security issues. Choose an in-person highly customised solution, online training, or both  whichever suits your organisation.



TOPICS INCLUDE

- ✓ Types of cyber threats.
- ✓ Common tactics (social engineering, business email compromise, wire fraud transfer requests, malvertising).
- ✓ Email, Web, and Mobile Security.
- ✓ Data protection.
- ✓ Authentication (passwords, multi-factor, etc.).
- ✓ Best practices for personal and professional digital hygiene.
- ✓ Taking action during an incident.

Through customisable training, your organisation can shape the types of topics presented to your employees on an annual, bi-annual, or quarterly basis. Let us partner with you to identify specific areas of risk that you want emphasized across the enterprise or for specific teams.



What's Included

ON - SITE FEATURES

- ✓ 1 – 1.5 hours in-person
- ✓ Delivered by expert facilitators
- ✓ Dynamic and engaging



NEARLY 90% OF ALL INCIDENTS STEMMED FROM SOME TYPE OF HUMAN ERROR OR BEHAVIOR

Cystel Cyber Lead

PRACTICE BASED BREACH SIMULATION

IN - PERSON, INTERACTIVE CYBER CRISIS LEADERSHIP EXERCISE

Is your senior leadership ready to respond to a cyber breach? Cystel delivers an interactive cyber breach tabletop exercise designed to test senior leadership's ability to make on the spot decisions based on limited real-time information and highlights the pervasive impacts a cyber incident can have across the entire enterprise.

Following the exercise, senior leaders will better understand how to combat cyber security threats and appreciate the need for a comprehensive incident response plan.



ON-SITE FEATURES


- ✓ 1.5 – 2 hours.
- ✓ Role-based, in-person cyber breach simulation, focused on Senior Management and/or board of directors.
- ✓ Tailored to market vertical or industry (exercise scenario can be further tailored to the organisation upon request).
- ✓ Fast-paced and dynamic.





**\$2.1 TRILLION :
THE COST OF DATA
BREACHES
GLOBALLY
BY 2019**



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