




# Cyber Security: Awareness, Prevention, Detection and Response

## Course description

Gain fresh insights into the cyber security landscape and better understand the threats and risks you face and hear about proven approaches to keep your operations safe in the new cyber world of everything

Module	Content overview
 <b>Introduction</b>	<p>The current state of the cyber threat landscape: what's out there and how it is likely to impact your business, your assets, your people and your customers. Case studies of recent breaches will provide valuable lessons for understanding and managing cyber security risks and incidents.</p>
 <b>Responding to a cyber security incident</b>	<p>You may experience a cyber security incident in the near future, along with more than 93% of businesses worldwide. Drawing on KPMG's global experience, we outline essential preventive measures, and the critical requirements for detecting an incident when it occurs. We share with you how to develop effective response plans and resume normal operations in the shortest possible time frame.</p>
 <b>Managing cyber security risks</b>	<p>Recent high profile outages, increased off-shoring of business processes and use of cloud computing have transformed the business and technology cyber risk landscape, but the basic principles of risk management remain unchanged: understand the risks your business faces today and take appropriate steps to manage them. Changing work patterns, increasing dependence on online services, remote offices, BYOD, and the looming Internet of Things now need to be taken into consideration.</p>

## About the speakers



### **Daryl Pereira** **Head of Information Protection & Business Resilience**

Daryl is a Partner and Head of the Cyber Security practice at KPMG in Singapore where he leads the regional team focusing on cyber security, technology risk management, outsourcing risk management and IT regulatory compliance. He has over 20 years of consultancy and industry experience helping clients to transform their information security capability, cyber risk management, business resiliency and implementation of cyber security tools and industry better practices.

Before joining KPMG, Daryl spent 9 years in investment banking in Australia and Singapore where he led various functions including information security governance, IT programme governance, COO business management, IT risk management and IT internal audit. Prior to this, he also worked as an IT Consulting Manager in Australia.

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### **Luke Forsyth** **Principal, Cybersecurity**

Luke has over 20 years' experience in cyber security, risk assurance, transaction services, incident response, threat analysis, compliance and governance.

He was actively involved in the World Economic Forum's partnering for cyber resilience project, the European Economic Crime task force; the Open Group's big data and trusted technology forum, and the cyber operations initiative of the Telecommunications Management Forum. He was also the Supply Chain Security Working Group leader for the NATO Industry Advisor Group for Cyber Defense.

Luke has led projects in capability assessment, requirements analysis, and redesign for security operations centers, computer emergency response and threat intelligence teams. His engagements included customer portal and security transformation, logical access management, network security and compliance, access management and identity federation, incident response, impact assessment and triage, on premise and cloud implementation of a digital transformation, identity management, portal security and digital identity strategy.

## About the speakers



### **Mark Ames**

#### **Associate Director, Information Protection & Business Resilience**

Mark has over 25 years experience in IT security, risk management, and governance. At KPMG, Mark supports clients in the areas of security and IT risk policy development, data protection, technology risk management and IT regulatory compliance. He is a subject matter expert in technology risk, security management, cryptographic systems implementation, and regional financial compliance regulations (e.g. MAS, HKMA, APRA).

Mark is a regular speaker on the topics of IT and Cyber Security, Risk, and Governance. He provides thought leadership within the profession through participation in professional societies – ACM, IEEE, ISACA, and others – contributing to their publications and the development of emerging information and cyber security frameworks. He is a regular contributor to international standards in cyber security, cryptography, and risk management as a member of Standards Australia Committees over the past 15 years.



### **Jim Fitzsimmons**

#### **Associate Director, Information Protection & Business Resilience**

Jim has over 25 years of experience in providing IT security and consulting services to a variety of industry verticals in the USA, China and Vietnam. He has extensive experience in project delivery, issue analysis, report writing, and stakeholder management in business resiliency and cyber security across many sectors.

He has led and delivered crisis management exercises focusing on the senior management and operations teams of national and regional companies to explore regulatory, operational, financial and reputational impacts of severe catastrophes and terror attacks. He has also developed business continuity management (BCM) frameworks to ensure fast and decisive crisis management responses to natural disasters, political or civil unrests, and cyber attacks, as well as the long-term management of business continuity objectives.

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