

# **Mitigating the Insider Threat to the Financial Industry**

**Chris Hurran**

19 November 2014

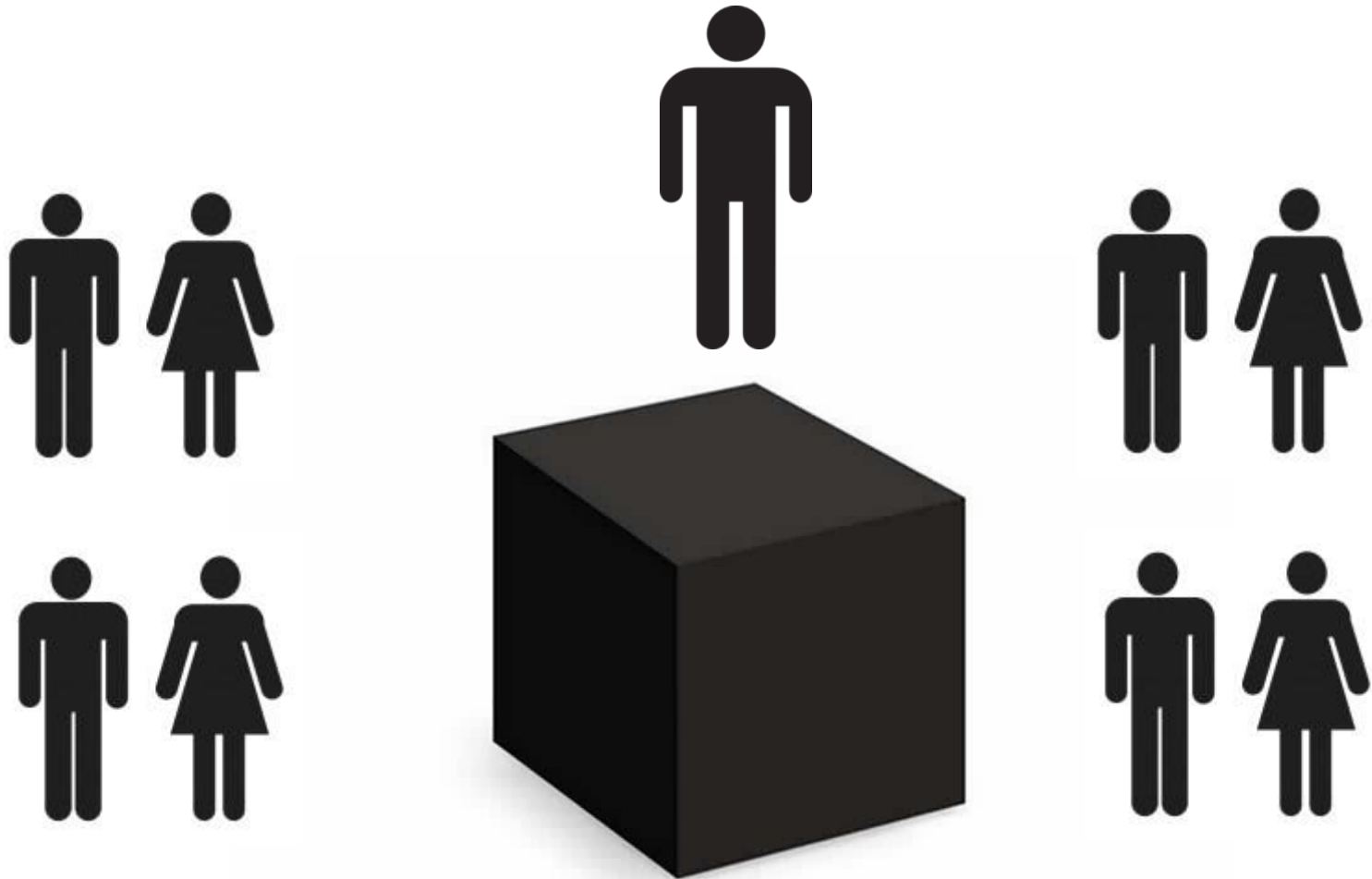
**People risk is the risk of damage from the actions of employees or contractors working on your behalf.**

**Employee risk is defined as counterproductive behaviour, whether inadvertent, negligent or malicious, that can cause harm to an organisation.**

**An insider is a person who exploits, or has the intention to exploit, their legitimate access to an organisation's assets for unauthorised purposes.**

**Employee risk is the likelihood of an organization being harmed by a threat or a loss of some kind caused by an employee, and how serious the harm could be.**

***A malicious insider threat* to an organization is a current or former employee, contractor, or other business partner who has or had authorized access to an organization's network, system, or data and intentionally exceeded or misused that access in a manner that negatively affected the confidentiality, integrity, or availability of the organization's information or information systems.**



# CPNI INSIDER DATA COLLECTION STUDY

## REPORT OF MAIN FINDINGS

**APRIL 2013**

### **Freedom of Information Act (FOIA)**

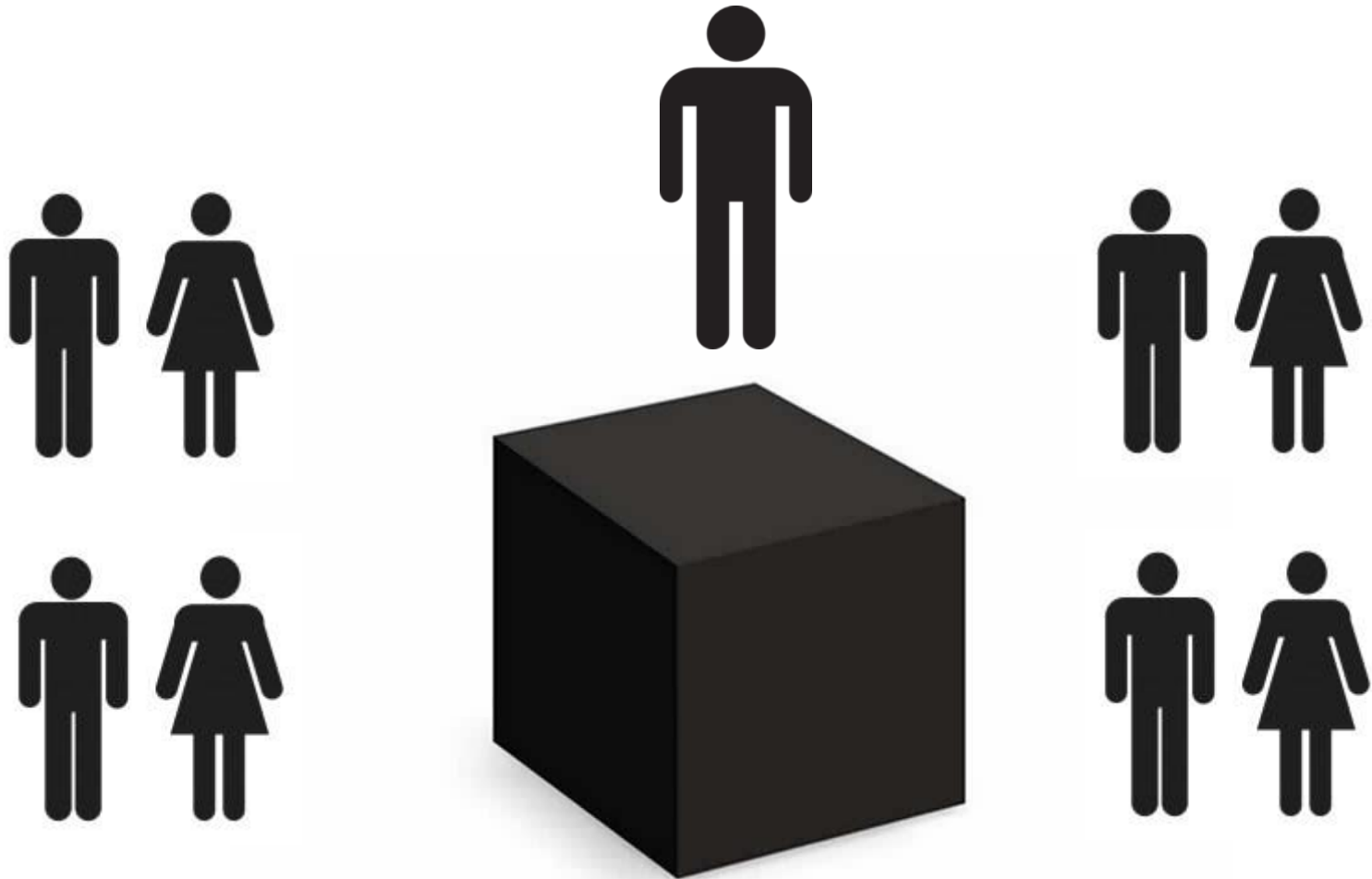
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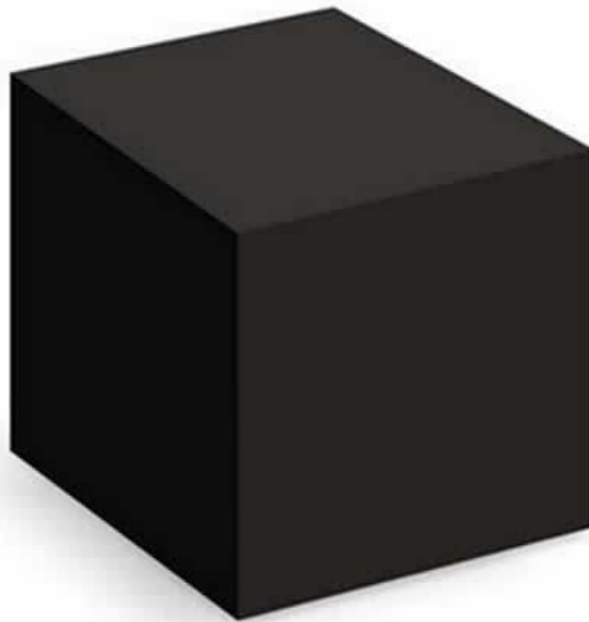
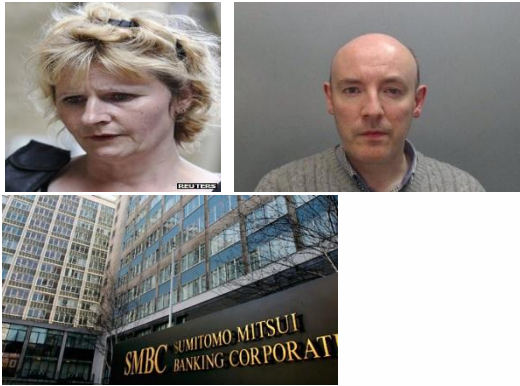
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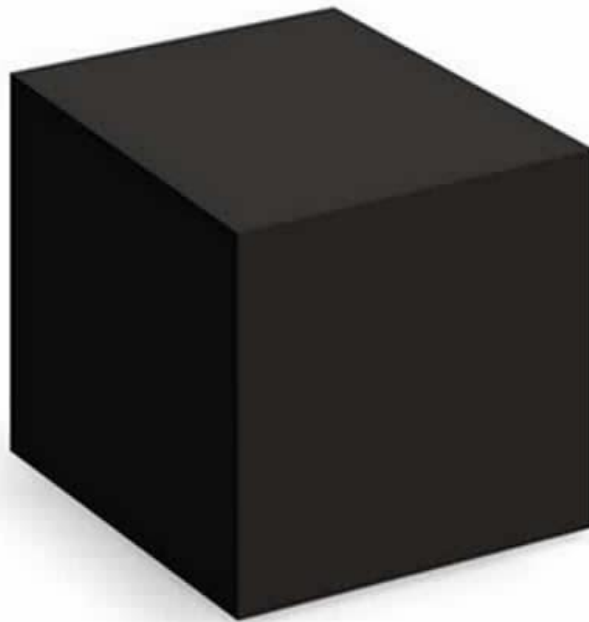
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# **PWC Global State of Information Security Survey 2015**

- **“Employees are the most-cited culprits of incidents.”**
- **“The percentage of respondents who point the finger at current employees jumped by 10% over 2013.”**
- **“insiders, current and former employees in particular, have become the most cited culprits of cybercrime.”**
- **“Yet many companies do not have an insider threat program in place, and are therefore not prepared to prevent, detect, and respond to internal threats.”**

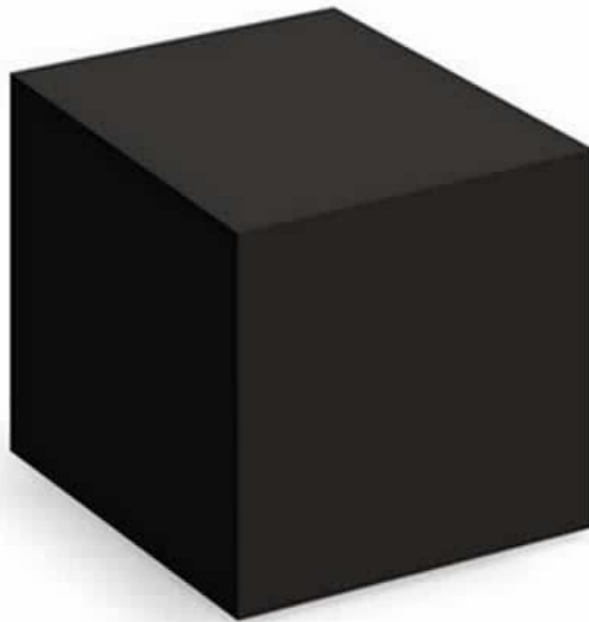






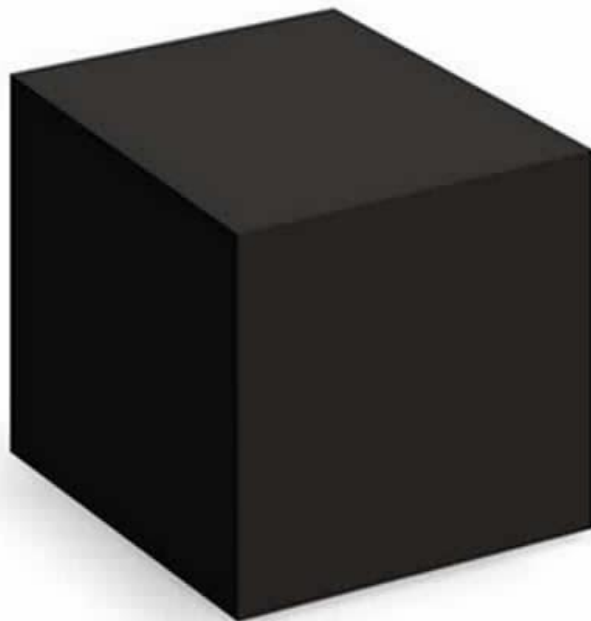
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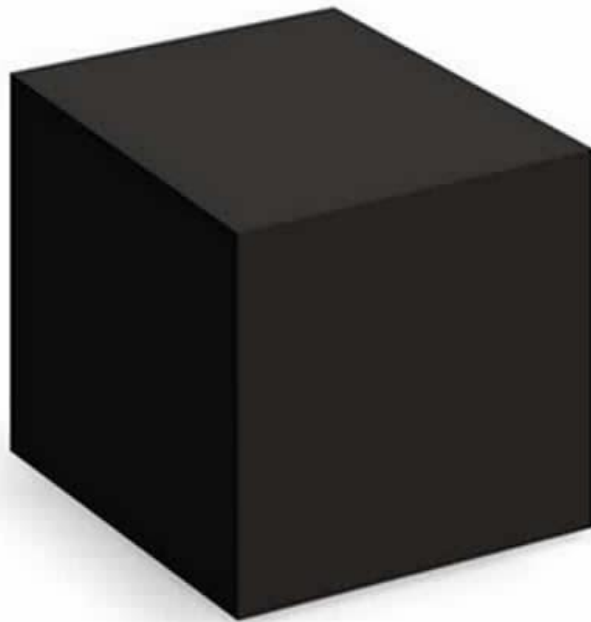


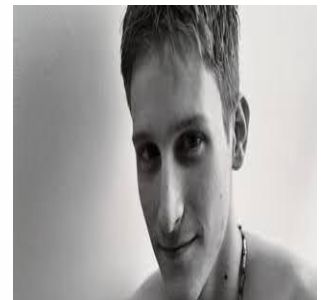
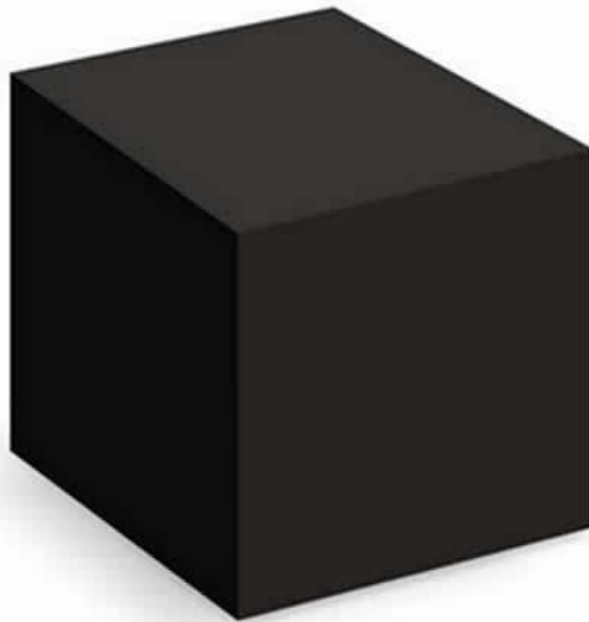


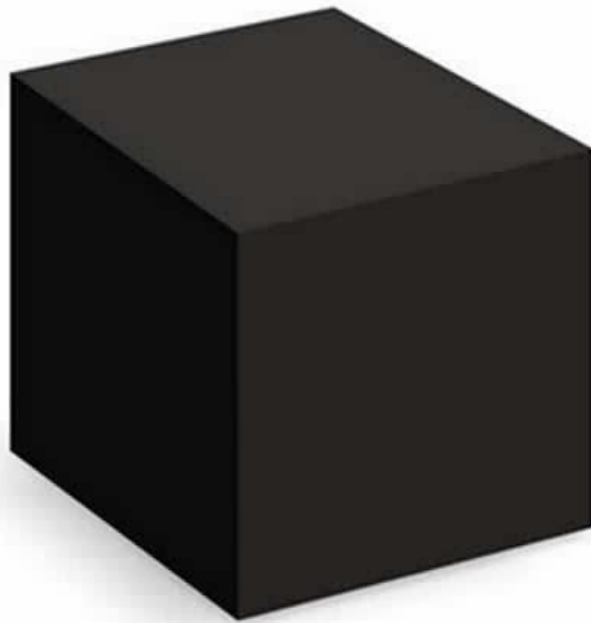
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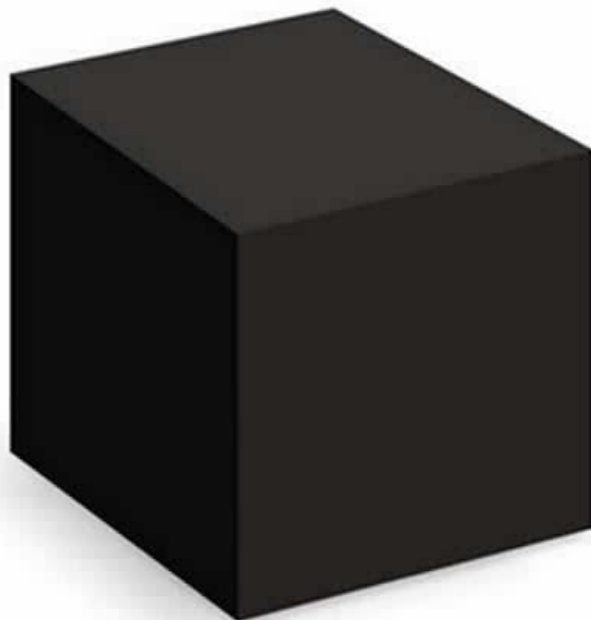












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# WHOSE RESPONSIBILITY?

LEADERSHIP FROM THE TOP

MANAGEMENT AND SPECIALISTS  
WORKING TOGETHER

MANAGEMENT AND SPECIALISTS  
WORKING TOGETHER

BUSINESS  
PROCESS AND  
TECHNOLOGY

EVERYONE'S RESPONSIBILITY

# **Insider Risk Mitigation: Ten Steps for All Organisations**

- **Governance**
- **Roles, responsibilities and resources**
- **Assets**
- **Risk**
- **Culture**
- **Impact**
- **Response**
- **Transparency and awareness**
- **Supply chain**
- **Audit**



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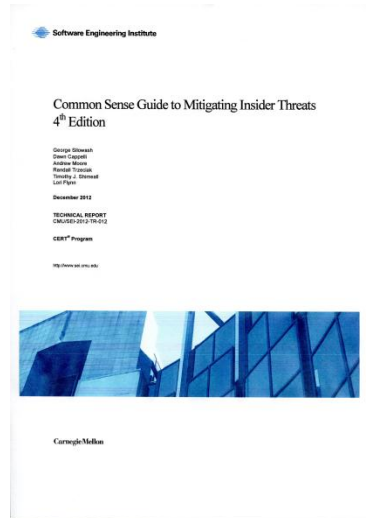
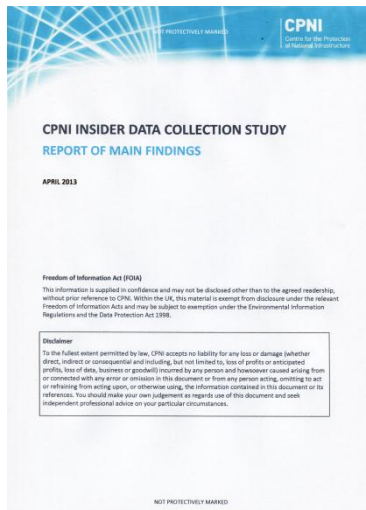
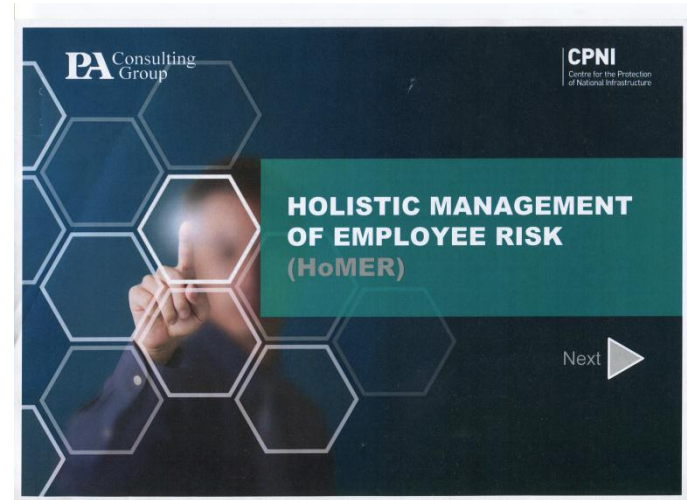
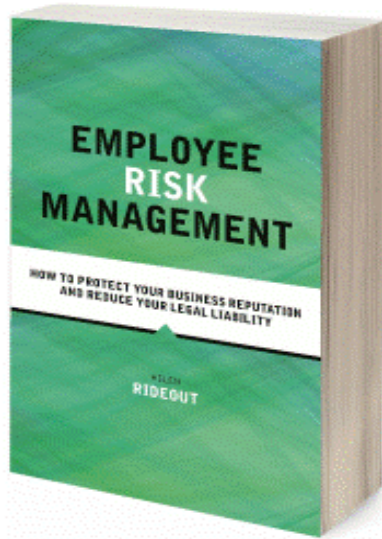
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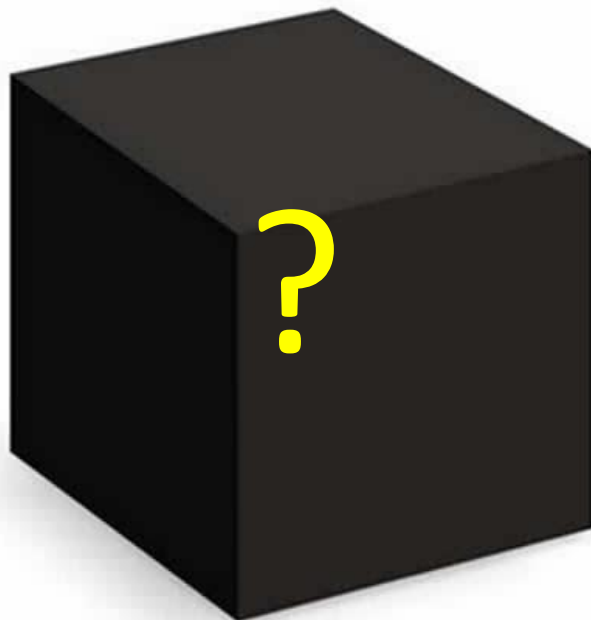


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# Further Reading





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**ROGER DURONIO**

[christopher.hurran@gmail.com](mailto:christopher.hurran@gmail.com)