



# SECURITY MANAGEMENT

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# **CHAIR OF BCS ISSG**

# Challenges and Rewards of Information Security Management

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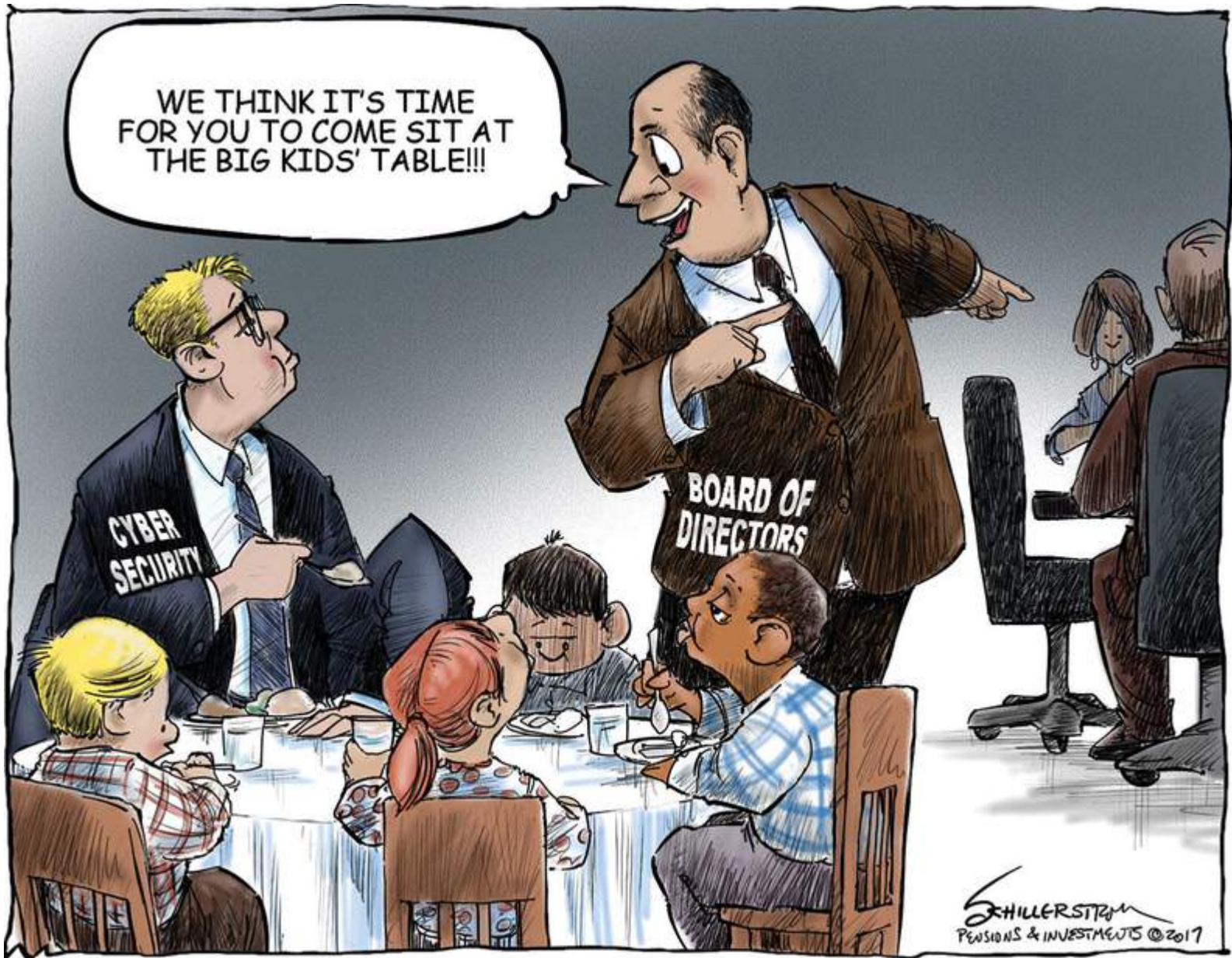
- What is information security management?
- I will look at the issues under four broad headings:
  - Risk Management
  - ISO standards
  - Other standards
  - Skills and tools
- I will gather some overarching concerns together in what I hope will be (deliberately) challenging statements and us the extra time to discuss these with your participation.



# Risk Management

- Information security management is a component of enterprise risk management.
- Risk management is poorly understood in the board room.
- Risk management is poorly understood by information security practitioners.
- Information security practitioners fail to relate their understanding of risk to the business.
- Effective risk management involves preparing to be appropriately reactive to incidents/ crises/ disasters.







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# Information Security Management Systems

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- ISO 27001 and 27002
- Considerations:
  - Are we being serious?
  - Is it demanded by clients?
  - What are the advantages of independent certification?
  - What are the potential disadvantages?
  - What does all this mean for skills and tools?



# Other Standards

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- What other standards are relevant to this audience?
  - How do they all fit together?
  - How do they fit with laws and regulations?
    - How does this play out with local organisations?
    - How about global players?







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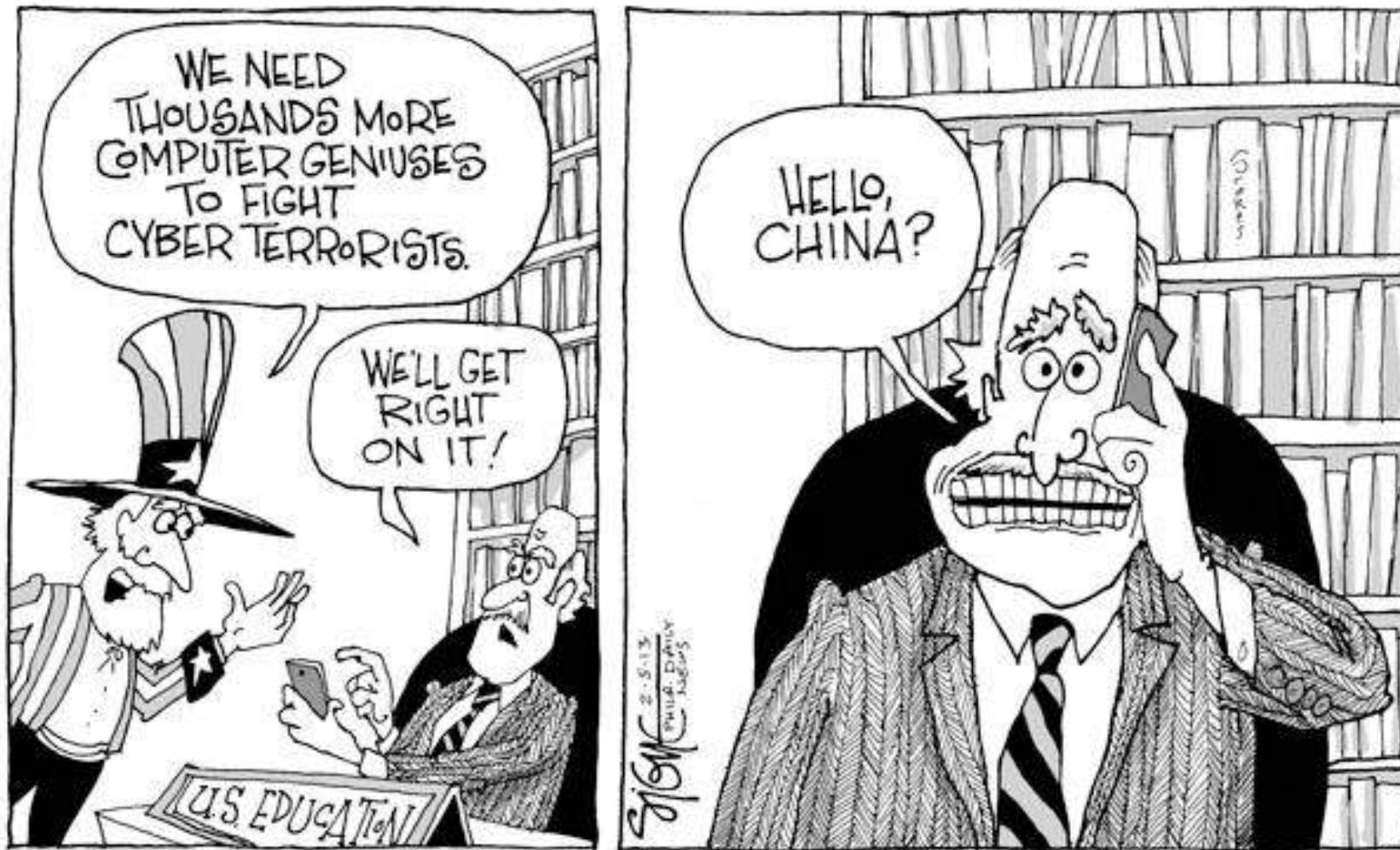


# Skills and Tools

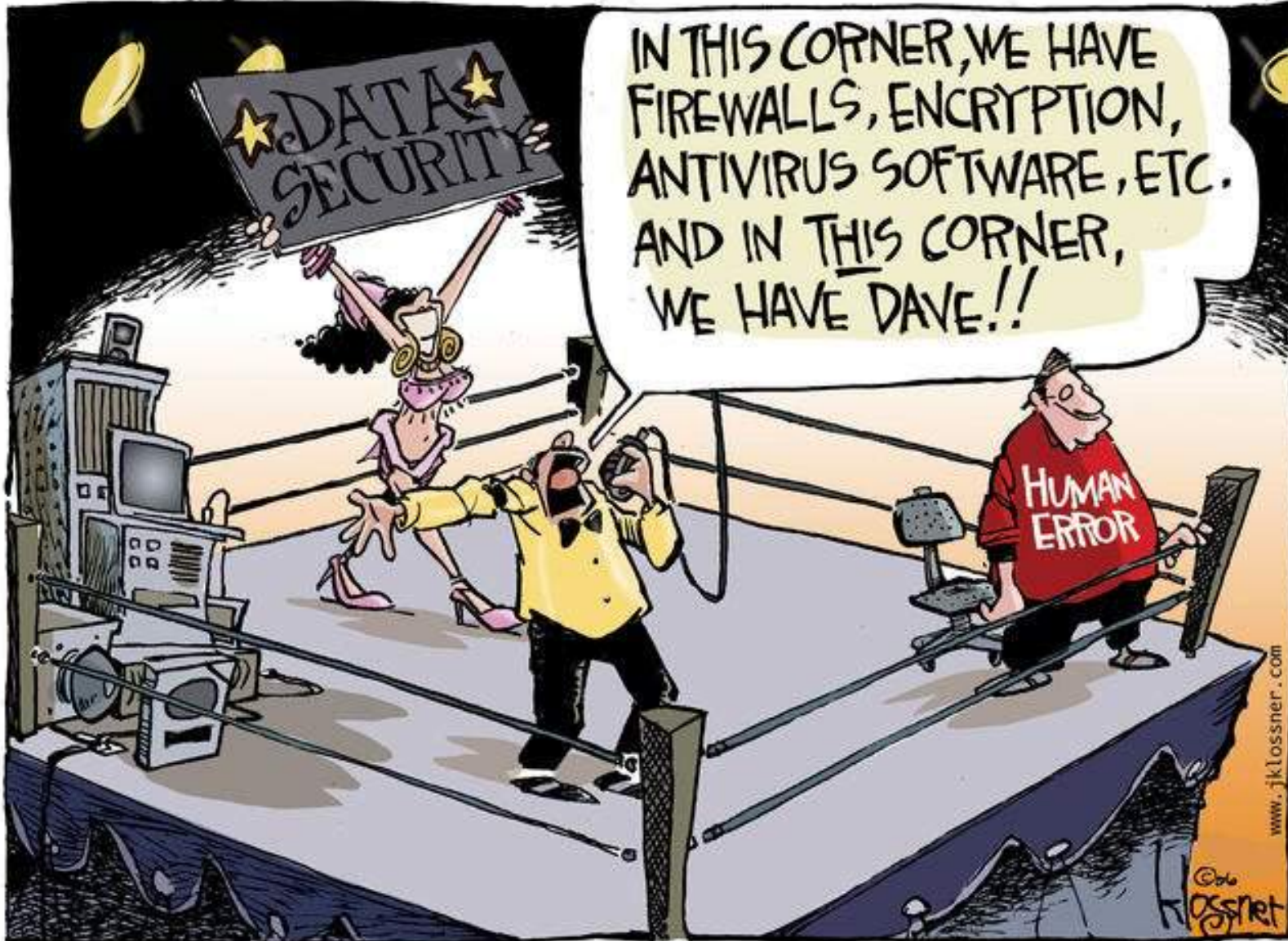
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- Skills gap
  - Is it real?
  - How will it be filled?
  - Are any of the education and training methods we use scalable to meet what appears to be an accelerating demand?
  - Do we even understand what skills are really needed?
- Tools
  - Do we have appropriate tools?
  - Do we even understand what tools we really need?

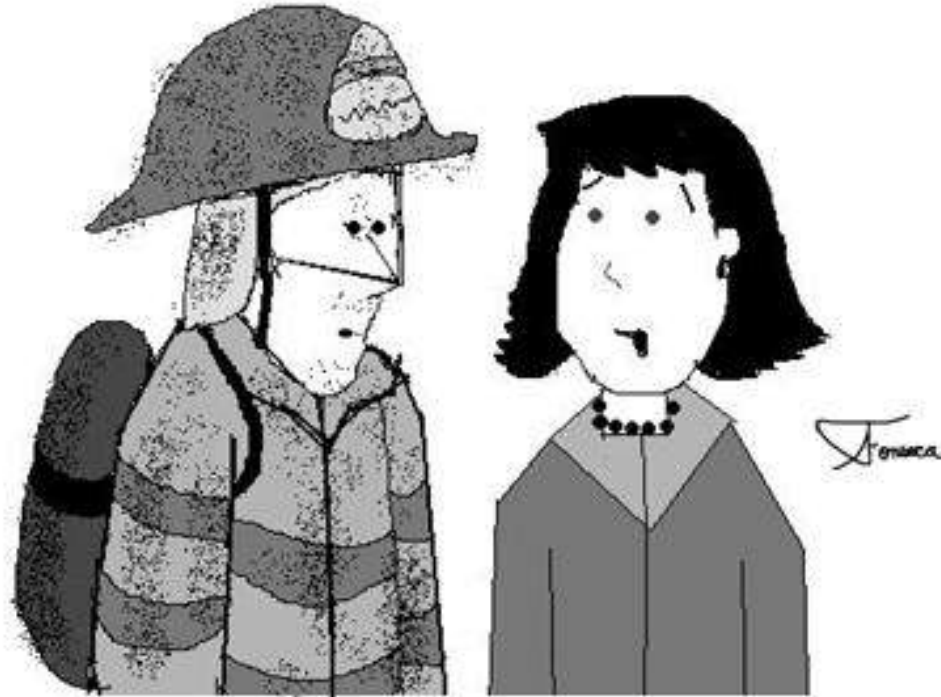




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