



Security in knowledge

# JUST IN TIME SECURITY: DIFFICULTY OF BEING PROACTIVE IN CYBER ENVIRONMENTS

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# Your Panelists

- ▶ Michael Fowkes
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- ▶ Jeremiah Grossman
  - ▶ Founder and CTO
  - ▶ WhiteHat Security
- ▶ Demetrios Lazarikos (Laz)
  - ▶ CISO
  - ▶ Sears Online

# “Ideal” Security Practice: Risk Based

1. Focused on technology, people, and processes
2. Based on internal and external intelligence sources
3. Controls are implemented to counter threats
4. Continuously updated

# Three Levels of Security Practices

1. Focus only on compliance



2. Compliance + visibility into what is happening



3. Compliance + visibility + ability to respond



# Challenges

- ▶ Stepping back from fire-fighting
- ▶ Prioritization of security spend and resources
- ▶ Getting appropriate budget
- ▶ Distraction because of management/regulator focus on irrelevant (e.g., “hot”) topics
- ▶ Building the right team
- ▶ Showing ROI

# Takeaways

- ▶ You can show an ROI
  - ▶ Reduced cost in addressing emerging threats
  - ▶ Reduction of irrelevant infrastructure
- ▶ Create a culture of innovation
  - ▶ Use 10-15% of your resources for security innovation
  - ▶ Encourage out of the box thinking and use of non-standard data sources
- ▶ Build the right team: security professionals and statisticians working together

# Thank you



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