

Cyber Security, Big Data and Risk

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In-Depth Seminars – D24

Session Abstract

This presentation will provide a brief overview of the concepts of advanced threats, the 'Kill Chain' and big data. Specifically, we'll look at the importance of data classification using an attacker paradigm.

Specific topics will include:

- *The importance of a data inclusion vs. reduction model*
- *Understanding that all data can be security relevant*
- *Moving to risk based objectives from a traditional security mind set*
- *Understanding the typical advanced threat attack process ('kill chain')*
- *Creating 'kill chain' data classifications*
- *Using the Socratic method as a way to get to risk.*

Target Audience

The target audience for this session includes anyone interested in gaining insight into current trends in security, advanced threats and big data concepts.

Skill Level - Intermediate / Experienced

Profile – IT service providers and Security, Risk, and Compliance professionals

Occupational Experience -

- *IT Security, Audit, Risk, and Compliance Managers*
- *Business Managers that want to understand current attacker trends, motivations and prevention strategies.*

COBIT Objectives or Processes

PO1 Define a Strategic IT Plan

PO3 Determine Technological Direction

PO9 Assess and Manage IT Risks

DS5 Ensure System Security

DS10 Manage Problems

DS11 Manage Data

Speaker Bio

Mark Seward, CISA is currently Senior Director of Security and Compliance Solutions at Big-data company Splunk, Inc. and has over 10 years of experience in the IT security management profession as a security practitioner and product manager with experience in log management and vulnerability management. Mark has a Masters of Science in IT and a Federal CIO certification from the University of Maryland.

Speaker Details (optional):

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