

The Prism of Uncertainty and Big Data

Jonathan Rosenoer
SVP, Head of Operational Risk
Bank of the West / BNP Paribas



In-Depth Seminars – D23

Session Abstract

Networks and the linkages they create have become more valuable – as have the companies that deliver them. But sometimes things go wrong and information technology can fail and wreak widespread damage. Many of these events are greeted with astonishment that relatively mundane and simple drivers can generate outsized, and sometimes catastrophic, outcomes. But the greater surprise is that our intuitive view no longer works in a world where local errors are frequently and vividly amplified into crises by cascading and contagious failures. Big Data is showing us a new way to understand the risks and forecast the danger. It is also showing us where to look for solutions.

Target Audience

IT professionals, risk managers, executive management, regulators

COBIT Objectives or Processes

Plan & Organize – Are IT risks understood and being managed?

Deliver & Support - Are adequate confidentiality, integrity and availability controls in place for information security?

Monitor & Evaluate –

- Is IT's performance measured to detect problems before it is too late?
- Does management ensure that internal controls are effective and efficient?
- Can IT performance be linked back to business goals?
- Are adequate confidentiality, integrity and availability controls in place for information security?

Speaker Bio

Jonathan Rosenoer is head of operational risk for a systemically important US financial institution. He is also an adjunct professor of risk management at Carnegie Mellon University. He previously served as Global Risk Officer for IBM Financial Services. At IBM, Rosenoer invented a patented method and system for managing information technology risk, using Bayesian networks (issued in 2011). Rosenoer is the author of CYBERLAW: THE LAW OF THE INTERNET (Springer-Verlag 1997) and THE CLICKABLE CORPORATION: SUCCESSFUL STRATEGIES FOR CAPTURING THE INTERNET ADVANTAGE (Free Press 1999). He publishes the CyberLex™ blog on the intersection of technology, risk, and law at cyberlex.tumblr.com and on Facebook.

Speaker Details (optional):

Company	Bank of the West / BNP Paribas
Title	SVP, Head of Operational Risk
Facebook URL	CyberLex tm
Twitter URL	
LinkedIn URL	
E-mail	
Website	cyberlex.tumblr.com