

1. Introduction

- a. For some in risk management, technology is an integral part of their practices
- b. For others, we have little to no involvement and don't know much about it
- c. Yet, the technologies keep evolving and it is important that everyone understand how the technology plays out, how it presents challenges and opportunities to every organization.
- d. This program will discuss some of the basics that risk management should understand when it comes to the confluence of these technological issues in society and how it impacts their practices.
- e. We will cover three areas in particular today:
 - i. Artificial intelligence
 - ii. Blockchain
 - iii. Cyber
- f. For each of the three areas, we will discuss:
 - i. What is it?
 - ii. Why do we as risk leaders care?
 - iii. What are some legal issues, challenges and opportunities presented by each area?

2. Artificial Intelligence

- a. Introduction
 - i. Commercials- IBM Watson
 - ii. Legal – Ross
 1. www.rossintelligence.com
 - a. Some big firms using it
 - iii. SeyfarthLean
 1. www.seyfarth.com/seyfarthlean/
- b. What is it
 - i. Intelligence exhibited by machines
 - ii. Mimic of cognitive behaviors
 - iii. Machine learning
- c. Why do we care
 - i. Impact on practice
 - ii. Impact on organization
 - iii. Predictions of a world in few years where much automated
 - iv. Redundancy?
 - v. Where is our value?
- d. What are some of legal issues, challenges and opportunities presented by AI?
 - i. Challenges
 1. Understanding technology
 2. How do we know error free?
 - ii. Opportunities
 1. Value chain
 2. Efficiencies

3. Blockchain

- a. Introduction

- i. Bitcoins probably most familiar example
 - ii. “Internet of value”
- b. What is it
 - i. Distributed ledger or register
 - ii. Distributed across a network of computers
 - iii. Provides a real-time record verifying:
 - 1. A transaction took place
 - a. Certain time
 - b. Certain order
 - iv. Highly hack-resistant
 - v. Immutable and unchangeable
- c. Why do we care
 - i. Clients and organizations will be using
 - ii. Ransomware
- d. What are some of legal issues, challenges and opportunities presented by Blockchain?
 - i. Challenges
 - 1. Access
 - 2. Costs
 - 3. Understanding the technology
 - ii. Opportunities
 - 1. Finance – fintech
 - 2. Energy
 - 3. Music
 - 4. Real Estate
 - 5. Cyber

4. Cyber

- a. Introduction
 - i. Cannot go online or read any trade journal that does not touch upon
- b. What is it
 - i. Concerns about data privacy and security
 - 1. For your firm/organization
 - 2. For your clients
 - ii. Broad arena
 - 1. Includes cyber insurance
- c. Why do we care
 - i. Ethics
 - 1. Free wi-fi
 - 2. Home internet
 - 3. Cloud
 - 4. BYOD
- d. What are some of legal issues, challenges and opportunities presented by Cyber?
 - i. RPCs require
 - ii. Breach notice laws
 - 1. 48 states and DC
 - iii. Other applicable laws

1. GDPR/EU
2. Gramm-Leach-Bliley
3. HIPAA and HITECH
4. FTC enforcement
5. SEC
6. Financial institutions
 - a. NY DFS regulations – effective 3/1/17
- iv. ACC- Model Information Protection and Security Controls
 1. www.acc.com/advocacy/upload/...
- v. Challenges
 1. Keeping up with technology
 2. Protecting the “fortress” from attack
 3. Increasing target of law firms and organizations
 - a. Parade of horrors last few years
- vi. Opportunities
 1. Having a good program with good policies and procedures in place will allow you to differentiate and get “in the door”

5. Conclusion

- a. Increased technology creates additional legal considerations
- b. Presents challenges to us
- c. Presents opportunities
- d. Understanding the ABCs will help you tackle this new landscape