



## IT AUDIT & CONTROLS CONFERENCE

July 24-26, 2018

Sheraton San Diego Hotel & Marina | San Diego, CA



### KEYNOTE SPEAKERS



**MARK BERNARD**  
CEO,  
*Secure Knowledge  
Management*



**BRENT GLEESON**  
*Author, Entrepreneur,  
former Navy SEAL*



**ANDREA HOY**  
*President and Virtual CISO,  
A Hoy and Associates*

### 3 Tracks Covering All Aspects Of IT Audit & Controls

- Integrating cybersecurity into DevOps
- Building the case for risk partner collaboration
- Best practices in auditing IT governance
- Creating an effective cybersecurity audit strategy
- Vendor and third-party risk assessment
- Building a threat intelligence program



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# conference at-a-glance

	 CYBERSECURITY & EMERGING TECHNOLOGY	 GOVERNANCE, RISK & COMPLIANCE	 STRATEGY & OPERATIONS
<b>TUESDAY, JULY 24</b>			
8:00 AM - 8:30 AM	<i>Registration &amp; Continental Breakfast</i>		
8:30 AM - 8:45 AM	Chair's Welcoming Remarks, <i>Shawna Flanders, Director of Instructional Technology and Innovation, Senior Trainer, MISTI</i>		
8:45 AM - 10:00 AM	KEYNOTE: Taking Point: Principles for Building a High Performance Culture and Leading Change, <i>Brent Gleeson, Author, former Navy SEAL</i>		
10:00 AM - 10:30 AM	<i>Refreshment Break with Sponsors</i>		
10:30 AM - 12:00 PM	A1 Designing and Leading an Incident Response Exercise <i>Michael Ranken</i>	B1 GDPR in the US <i>José Felipe García, Kels Farmer</i>	C1 DevOps, Risk and The Changing Audit Landscape <i>Mark Bernard</i>
12:00 PM - 1:15 PM	<i>Networking Luncheon</i>		
1:15 PM - 2:15 PM	A2 Security in Software Defined Networking (SDN) <i>Anzar Hasan</i>	B2 Late-Breaking Session	C2 The Journey to Risk Partner Collaboration and Reliance—IT Risk Management and IT Audit <i>Zennièrè Bowry-Thomas &amp; Stephen Murdock</i>
2:20 PM - 3:30 PM	A3 Threat Intelligence—Key to Effective Cybersecurity <i>Tim Callahan</i>	B3 IT GRC in the Cloud <i>Mark Thomas</i>	C3 Pursuit of the Automated Audit <i>Kels Farmer</i>
3:30 PM - 4:00 PM	<i>Refreshment Break with Sponsors</i>		
4:00 PM - 5:00 PM	A4 The Latest Scourge of Internet—Ransomware <i>Karan Kochar</i>	B4 Auditing IT Governance <i>Debbie Lew</i>	C4 Late-Breaking Session
5:00 PM - 6:00 PM	<i>Networking Reception</i>		
<b>WEDNESDAY, JULY 25</b>			
8:00 AM - 8:30 AM	<i>Continental Breakfast with Sponsors</i>		
8:30 AM - 9:30 AM	KEYNOTE: Bridging the Second and Third Lines of Defense, <i>Mark Bernard, CEO, Secure Knowledge Management</i>		
9:30 AM - 10:00 AM	<i>Refreshment Break with Sponsors</i>		
10:00 AM - 11:00 AM	A5 Late Breaking Session	B5 Vendor and Third-Party Risk Assessments in The Real World <i>Kate Mullin</i>	C5 Applying Audit Analytics Part 1 <i>Yves Froude</i>
11:00 AM - 11:15 AM	<i>Refreshment Break with Sponsors</i>		
11:15 AM - 12:30 PM	A6 Compliance Fatigue <i>Mike Villegas</i>	B6 Privacy in the Age of Big Brother(s)—Welcome to 1984 <i>Tony Redlinger</i>	C6 Applying Audit Analytics Part 2 <i>Yves Froude</i>
12:30 PM - 2:00 PM	<i>Lunch on your own</i>		
2:00 PM - 3:00 PM	A7 Hacking Your Audit Plan—Integrating Cybersecurity into an Audit Program <i>Brenton Farwell, Lorrie Vinal</i>	B7 Late-Breaking Session	C7 Process Auditing: Real World Case Study for Conducting an Integrated Audit <i>Constance Snelling, Jolaine Davis</i>
3:00 PM - 3:30 PM	<i>Coffee and Dessert with Sponsors</i>		
3:30 PM - 5:00 PM	A8 CAE Communications and Common Audit Committee Questions about Cybersecurity <i>Yulia Gurman, Ryan Hopkins</i>	B8 How Assessing Risk is Evolving with Technology Innovation <i>Lee Neely</i>	C8 Lessons Learned as a Systems Integrator and Auditor <i>Ash Kannan</i>
<b>THURSDAY, JULY 26</b>			
8:00 AM - 8:30 AM	<i>Continental Breakfast</i>		
8:30 AM - 9:30 AM	A9 A Cybersecurity Coffee Klatsch <i>Shawna Flanders</i>	B9 Racing to Unlock Value from the Next Generation of Digital Technologies <i>Seth Rosensweig</i>	C9 Storytelling: Improving the Audit Process to Communicate Better <i>Ross Wescott</i>
9:40 AM - 10:40 AM	A10 Cybersecurity in 2020 <i>Mark Edmead</i>	B10 Dev Ops, Agile and Compliance <i>Guy Herbert</i>	C10 Internal Audit's Role in Corporate Business Technology Transformations <b>CASE STUDY</b> <i>Wei Xi, Kunal Shah</i>
10:40 AM - 11:00 AM	<i>Refreshment Break</i>		
11:00 AM - 12:00 PM	KEYNOTE: Exploring the New Cyber Frontier; How to Ready Your Audit and Infosec Teams for Innovative Technologies, <i>Andrea Hoy, President and Virtual CISO, A Hoy and Associates</i>		

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MONDAY, JULY 23

9:00 AM – 9:15 AM

## Chair's Opening Remarks

**Shawna Flanders**, Director of Instructional Technology and Innovations, Senior Trainer, MISTI

9:15 AM – 10:00 AM

## Data Governance Fundamental Principles

**Kate Mullin**, Virtual CISO, Eminere Group

Establishing an effective data governance program includes determining critical success factors and understanding possible roadblocks that can appear during program development. Attendees will gain insight into establishing data governance committees and designing a data management strategy.

10:15 AM – 11:15 AM

## How DevOps Fits into Data Governance

**Rob Stroud**, Chief Product Officer, XebiaLabs

11:15 AM – 12:15 PM

## Exploring How Nationwide is Assessing Data Governance

**Zennièrè Bowry-Thomas**, Director, IT Audit, Nationwide Mutual Insurance Company; **Stephen Murdock**, Director, Internal Audit, Nationwide Mutual Insurance Company

Today's regulatory landscape is transforming how enterprises address both structured and unstructured data. This session will describe how Nationwide is assessing the effectiveness of its company's data governance efforts and how internal audit participates in the enterprise's data governance activities.

1:15 PM – 2:30 PM

## Importance of a Data Governance Framework

**Debbie Lew**, Chair, Global Leadership Development Advisory Board, ISACA Board of Directors

Data exists throughout enterprises. Almost all stakeholders, processes and business activities rely on data to some degree. If data cannot be kept accurate, up to date, reliable and secure; risk may increase across business, operational and compliance domains. This session explores the design and delivery of a data governance framework for data operations and possible data governance audit procedures.

2:45 PM – 3:45 PM

## How Data Governance is Evolving

**Mark Thomas**, Founder & Owner, Escoute Consulting

Data governance has quickly become one of the top concerns for enterprises today, and it's no surprise why. With the changing landscape of data, how does an enterprise keep a solid handle on governing and managing the evolution of data? This presentation will focus on the changing landscape of data lifecycles and the various frameworks and techniques that can be leveraged to support these needs, while still balancing performance (needs of customers) and conformance (following the rules).

3:45 PM – 5:00 PM **PANEL**

## Data Governance—Why Should This Be an Audit Focus Point

**Moderator: Debbie Lew**, Chair, Global Leadership Development Advisory Board, ISACA Board of Directors

**Panelists: Mark Bernard**, CEO, Secure Knowledge Management; **Mark Thomas**, Founder & Owner, Escoute Consulting  
**Rob Stroud**, Chief Product Officer, XebiaLabs

This interactive panel discussion will explore how various enterprises and agencies are addressing data governance and how audit is getting involved and assessing data governance. The opinions presented will help highlight the challenges at hand, plus the options available to help solve them, while bringing valuable lessons learned to the forefront.

MONDAY, JULY 23

9:00 AM – 10:00 AM

## Getting Your Organization to be More Intelligent About Threat Intelligence

**Dave Ockwell-Jenner**, Senior Manager & CISO, STORM & SITA

Some organizations have a hard time understanding the role of threat intelligence within their existing security and risk management programs. This can manifest itself in the organization appearing to lack support for threat intelligence initiatives and even (consciously or otherwise) sabotage a successful program. In this session, Dave will review tricks for ensuring your organization makes more intelligent decisions about its threat intelligence program.

10:10 AM – 11:00 AM

## Looking for Intel in all the Right Places

**DJ Goldsworthy**, Director Security Operations & Threat Management, Aflac

Whether you already have a mature threat intelligence program or are looking for a place to start, join this session to discover sources of intelligence that may be at your fingertips, and the methods to incorporate them into an automated threat intelligence system.

11:10 AM – 12:00 PM

## Starting a Threat Hunting Program

**Jessa Gramenz**, Director Communications, National Cybersecurity Student Association

Knowing where to start with threat hunting can be tedious with all the information available. This talk will address the diamond model, cyber kill chain, cyber threat hunting loop, the hunting maturity model, the cyber threat hunt methodology and putting it all together with threat intelligence.

1:10 PM – 2:00 PM

## From Bayonet to Light Saber: The Evolution of Threat Indicators

**Barry Hensley**, SVP, Chief Threat Intelligence Officer, SecureWorks

Since the Cold War, the global threat landscape has changed. Military forces found conventional units were inappropriate to address the changing threat landscape.

The same transformation has occurred in the cyber threat landscape and many organizations are still relying on traditional defenses and responses, two decades out of date. This talk will explain how to evolve your security team's defensive capabilities from a simple reliance on known threat indicators, to leveraging the latest tools and methods to root out sophisticated threats.

2:10 PM – 3:00 PM

## Ad Hoc Threat Intelligence

**John Smith**, Federal and Security Systems Engineer, ExtraHop

Threat intelligence can add an increased level of agility to any practitioner. While the industry itself is developing, strategies for threading threat intel into our surveillance strategies remain challenging. In this discussion we will cover the role of Dev/SecOps, skills needed, and how API-driven and open technologies are necessary to achieve "Advanced Persistent Surveillance" of critical systems.

3:10 PM – 4:00 PM

## The WHO behind the WHAT

**Jennifer Calardo**, Red Team, USAF Nuclear Weapons Center

4:10 PM – 5:00 PM

## Communicating Threat Intelligence to Executives and the Board

**Tim Callahan**, SVP, Global Security Chief Security Officer, Aflac

Threat Intelligence is emerging as one of the most critical measures to get ahead of threats. As it is proving its effectiveness and value in advanced cyber programs, other industries and smaller companies are looking to launch a threat intelligence program (TIP) as well. So, how do you introduce a TIP to your leaders? How do you explain the value? This presentation will provide a practical approach to answer these questions and examples of how to convey the message and its importance to the overall cyber program.



## TUESDAY, JULY 24

8:55 AM – 10:00 AM



### KEYNOTE Taking Point: Principles for Building a High Performance Culture and Leading Change

**Brent Gleeson**, Author, Entrepreneur, former Navy SEAL

In today's more volatile, unpredictable and complex business environments industries and businesses can find themselves in almost constant states of change. But most change initiatives fall short or fail due to a lack of leadership alignment on the vision, the proper culture founded on accountability and trust and poor discipline. In this highly engaging presentation, Gleeson provides actionable principles leaders and managers—and anyone in an organization (regardless of rank or title)—can use for leading successful and lasting organizational transformation. Organizations in today's disruptive and volatile business landscape can't just manage change. They must LEAD it. They must take point.

10:30 AM – 12:00 PM ■ ⚡

### A1 Designing and Leading an Incident Response Exercise

**Michael Ranken**, Director IT Internal Audit, Novant Health

- Learn the differences between a tabletop and a simulation exercise
- Articulate processes used to seek participation and engagement with multiple business units
- Communicate the importance of after action reporting and observation tracking
- Participate in discussions on better practice and process development

10:30 AM – 12:00 PM ■ ⚠

### B1 GDPR in the US

**José Felipe García**, Senior Advisor, IT Assurance, Dell; **Kels Farmer**, Business Oversight and Analytic Manager, Best Value Technology Incorporated

- Verify conformance with GDPR requirements for information security and cybersecurity
- Assess a data governance program that complies to GDPR
- Evaluate existing privacy policies for GDPR compliance

10:30 AM – 12:00 PM ■ ⚡

### C1 DevOps, Risk and The Changing Audit Landscape

**Mark Bernard**, CEO, Secure Knowledge Management

- Integrate cybersecurity into DevOps seamlessly with no impact to culture
- Integrate risk management into the enterprise and effectively present risks to a Governance Committee that will be supported
- Implement GDPR to address compliance risk without culture impact
- What has been the best approach to cloud security integration so far?

1:15 PM – 2:15 PM ■ ⚡

### A2 Security in Software Defined Networking (SDN)

**Anzar Hasan**, Audit Senior Specialist, JCPenney

- Learn the differences between SDN and NFV
- Understand the limitations and disadvantages of existing solutions and benefits of deploying SDN/NFV solutions
- Discuss common SDN threats and their mitigation approach
- Learn how to build an audit program to test for possible vulnerabilities in your companies SDN implementation

1:15 PM – 2:15 PM ■ ⚠

### B2 Late-Breaking Session

1:15 PM – 2:15 PM ■ ⚡

### C2 The Journey to Risk Partner Collaboration and Reliance—IT Risk Management and IT Audit

**Zennièrè Bowry-Thomas**, Director, IT Audit, Nationwide Mutual Insurance Company; **Stephen Murdock**, Director, Internal Audit, Nationwide Mutual Insurance Company

- Establish and build the case for risk partner reliance and collaboration
- Preview a framework for IT audit to assess and rely on the work of other risk functions, including a preview of templates for reporting on the assessment results
- Discover quick wins and potential pitfalls
- Understand the behaviors and tools that contribute to a successful risk partner collaboration and reliance program

2:20 PM – 3:30 PM ■ ⚡

### A3 Threat Intelligence—Key to Effective Cybersecurity

**Tim Callahan**, SVP, Global Chief Security Officer, Aflac

- Determine how to move from reliance on defense only to building a threat intelligence program
- Define threat actors and critical elements of the program
- Describe how to build and assess the program
- Discuss how to audit such a program for effectiveness

2:20 PM – 3:30 PM ■ ⚠

### B3 IT GRC in the Cloud

**Mark Thomas**, Founder/Owner, Escoute Consulting

- Understand the changing landscape of data and potential impacts this has to the enterprise
- Appreciate the drivers for managing a robust and flexible data lifecycle that accommodates current and future data value
- Recognize industry frameworks, standards and bodies of knowledge to assist in the creation of a program designed to govern and manage evolving data

2:20 PM – 3:30 PM ■ ⚡

### C3 Pursuit of the Automated Audit

**Kels Farmer**, Business Oversight and Analytic Manager, Best Value Technology Incorporated

- Understand the necessary components of a data analytics framework
- Discuss the landscape of popular data science tools which can be deployed by auditors
- How to use analytics to collect audit evidence and develop continuous automated auditing routines

4:00 PM – 5:00 PM ■ ⚡

### A4 The Latest Scourge of Internet—Ransomware

**Karan Kochar**, Director, Technology Audit, Visa

- Learn about the latest trends in ransomware attacks (e.g., who is being attacked, what are the attack vectors, impact of the attack, etc.)
- Discover the evolution of ransomware attacks and explore possible mitigation strategies
- Discuss case studies of recent attacks and their impact; look at future trends

4:00 PM – 5:00 PM ■ ⚠

### B4 Auditing IT Governance

**Debbie Lew**, Chair, Global Leadership Development Board, ISACA Board of Directors

- Approaches in scoping and performing the review
- Leveraging COBIT5 in developing an audit program and performing an IT governance audit
- ISACA's Governance of Enterprise IT Survey results
- Available resources in performing an IT governance audit

4:00 PM – 5:00 PM ■ ⚡

### C4 Late-Breaking Session



## WEDNESDAY, JULY 25

8:30 AM – 9:30 AM

**KEYNOTE Bridging the Second and Third Lines of Defense****Mark Bernard**, CEO, Secure Knowledge Management

Your company has just been hacked and the Board is asking, "Why didn't information security or audit detect this?" Get a firsthand account of what is currently happening and why we as IT auditors and IT audit leaders need to immerse ourselves in understanding cyber risks and controls and how we can better collaborate with our information security teams.

10:00 AM – 11:00 AM

**A5 Late-Breaking Session**

10:00 AM – 11:00 AM

**B5 Vendor and Third-Party Risk Assessments in The Real World****Kate Mullin**, Virtual CISO, Eminere Group

- How does usage of cloud providers change the approach to security
- Defining roles and responsibilities
- Considerations for addressing authentication, authorization, change management, encryption and other security controls in a cloud environment
- Methods of assessing security at vendors using SSAE18 reports

10:00 AM – 11:00 AM

**C5 Applying Audit Analytics: Part 1****Yves Froude**, Data Analytics Officer, The World Bank

- How to "start small, then go big"
- The importance of first focusing on concepts and needs, then data
- How to break up big problems into smaller parts and address them separately
- Using data to "think outside the box"

11:15 AM – 12:30 PM

**A6 Compliance Fatigue****Mike Villegas**, Senior Vice President, K3DES

- Explore various laws and regulations including GLBA, HIPAA, PCI, NYCR Part 500, DFARS and GDPR
- Discover key tips for keeping the enterprise current
- Discuss how an enterprise can manage the compliance challenge while easing the burden of non-compliance, or worse yet the inevitable response to a breach

11:15 AM – 12:30 PM

**B6 Privacy in the Age of Big Brother(s)– Welcome to 1984****Tony Redlinger**, Senior Manager, Internal Audit, IHS Markit

- How the age of Big Data and IoT compares to George Orwell's *1984*
- GDPR and other "privacy" regulations
- The inherent conflict between privacy and social media
- Procedures auditors should perform to help ensure privacy

11:15 AM – 12:30 PM

**C6 Applying Audit Analytics: Part 2****Yves Froude**, Data Analytics Officer, The World Bank

- Discover why and when to use "unconventional analytics." What type of tests can be performed?
- Tips on building a test from scratch (concrete step-by-step examples on a real-life, complex case) and what to do when things don't work according to plan
- Gain awareness of new, emerging technologies and how to incorporate them in future IT audits or assurance projects

2:00 PM – 3:00 PM

**A7 Hack Your Audit Plan—Integrating Cybersecurity in an Audit Program****Brenton Farwell**, SVP Audit Director, Bank of America; **Lorrie Vinal**, SVP Audit Director, Bank of America

- Explore emerging trends in cybercrimes and their impact on the audit strategy and approach in financial services
- Strengthen understanding of cybersecurity concepts used to achieve integrated audit efforts organization wide
- Assess cybersecurity risks and controls related to using third-party vendors
- Identify an organization's cyber health from an attacker's perspective

2:00 PM – 3:00 PM

**B7 Late-Breaking Session**

2:00 PM – 3:00 PM

**C7 Process Auditing: Real World Case Study for Conducting an Integrated Audit****Constance Snelling**, Interim Audit Director, Jackson National Life Insurance; **Jolaine Davis**, Senior IT Internal Auditor, Jackson National Life Insurance

- Evaluate a business process and develop a flow chart over the process
- Identify risks and existing controls that mitigate those risks
- Actively create testing approaches to business and system controls
- Draw conclusions from audit work to identify threats to business objectives, including any unmitigated risks

3:30 PM – 5:00 PM

**A8 CAE Communications and Common Audit Committee Questions about Cybersecurity****Yulia Gurman**, Director-Internal Audit & Corporate Security; **Ryan Hopkins**, Assistant Director, Packaging Corporation of America

- Monitor overall risk landscape by looking at trends in cybersecurity, emerging issues and recent incidents
- Assess your company's risks exposure to different cyberattacks by identifying the crown jewels and communicate cyberattacks' potential impact
- Evaluate maturity using frameworks and other tools in order to evaluate their companies processes and controls for managing cybersecurity risks
- Develop an effective cyber audit plan and anticipate questions

3:30 PM – 5:00 PM

**B8 How Assessing Risk is Evolving with Technology Innovation****Lee Neely**, Cybersecurity Professional, Lawrence Livermore National Laboratory

- Which technology innovations are game changers when it comes to assessing risk?
- Why risk assessments are necessary before the purchase decisions
- What are some of the signs that risk has changed?

3:30 PM – 5:00 PM

**C8 Lessons Learned as a Systems Integrator and Auditor****Ash Kannan**, Senior IT Audit Professional, Devon Energy

- How integrating the internal controls during the implementation phase of the project can help alleviate concerns
- The benefits of incorporating security before deployment
- Lessons learned and insights from auditing large IT implementations, major acquisitions and routine audits
- What auditors and management can do to avoid common pitfalls of IT implementation

## THURSDAY, JULY 26

8:30 AM – 9:30 AM ■ 🔦

### A9 A Cybersecurity Coffee Klatsch

**Shawna Flanders**, Director of Instructional Technology and Innovations, Senior Trainer, MISTI

- Gain a greater understanding of current cyber concerns
- Discuss ways auditors can assess cyber controls
- Review common cyber-related audit findings

8:30 AM – 9:30 AM ■ ⚠️

### B9 Racing to Unlock Value from the Next Generation of Digital Technologies

**Seth Rosensweig**, Partner, PwC

- What is Robotic Process Automation (RPA) and how is it different from older automation efforts?
- How can internal audit use RPA?
- What are the risks and benefits of automation to internal audit functions?

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The discount will apply to the registration of lowest value, cannot be combined with any other discount offers and does not apply to previous registrations. Team registrations must be made and paid for at the same time.

### FEES

All fees must be paid in advance in US dollars. The conference fee includes admission to sessions, all conference materials, continental breakfasts, refreshments, lunch, and reception. All workshop fees include lunch and materials for the workshop(s) you attend.

### CANCELLATIONS, TRANSFERS AND SUBSTITUTIONS

If you can no longer attend the ITAC Conference, please review the MISTI cancellation policy below and provide written notice to MISTI Customer Service at [customerservice@misti.com](mailto:customerservice@misti.com). Cancellation policies are subject to change without notice.

Cancellations received before June 9 will be entitled to a 100% refund less an administrative fee of \$195.

You may elect to substitute another individual from your organization for the same event at any time without incurring an administrative fee of \$195. Registrations are non-transferable to other events.

Cancellations received between June 10-July 2 will be refunded 50% of the amount paid.

No refund will be given for cancellations received after July 2.

8:30 AM – 9:30 AM ■ ⚙️

### C9 Storytelling: Improving the Audit Process to Communicate Better

**Ross Wescott**, Principal, Wescott & Associates

- Understand the differences and similarities between non-fiction storytelling and audit documentation and reporting
- Organize the audit work using storytelling elements
- Discover what makes for a great audit

9:40 AM – 10:40 AM ■ 🔦

### A10 Cybersecurity in 2020

**Mark Edmead**, Managing Director, MTE Advisors

- How businesses need to adapt their processes today to be ready for tomorrow's cyber exploits
- Bitcoin and cyber: What's the connection and future predictions?
- How blockchain may impact the development of future cyber defenses

9:40 AM – 10:40 AM ■ ⚠️

### B10 DevOps, Agile and Compliance

**Guy Herbert**, IT Risk and Compliance, Atlassian

- Understand DevOps and agile risks and controls and the purpose of DevOps and Agile process flows
- Design controls for DevOps and agile developments
- Design audit plans for DevOps/agile environments
- Engage with the development teams in an agile/DevOps environment and be seen as an enabler for the business

9:40 AM – 10:40 AM ■ ⚙️ CASE STUDY

### C10 Internal Audit's Role in Corporate Business Technology Transformations

**Wei Xi**, Sr. IT Audit Manager, Adobe Systems;

**Kunal Shah**, Sr. IT Auditor, Adobe Systems

- Identify key initiatives that impose new risks to compliance and regulations in a timely manner
- Play the insider role along with project life-cycle and leverage existing scrum team's knowledge
- Design automated and self-monitoring controls and maintain effective audit trails in the systems

## Sheraton San Diego Resort & Marina

1380 Harbor Island Drive

San Diego, CA 92101

ITAC 2018 will be held at the Sheraton San Diego Resort & Marina in San Diego, CA. A block of discounted rooms at a rate of \$199.00 per night has been reserved on a space-available basis until June 30, 2018. To reserve your room call the hotel at (619) 291-2900. Please mention MISTI to receive the discounted block rate.

PACKAGE	Early Bird until 5/20	Standard until 7/15	Late after 7/15	CPEs
ITAC 2018 Full Event Pass (includes one main conference pass, one full-day summit, one full-day workshop and one half-day workshop)	\$2,995	\$3,095	\$3,395	40
ITAC 2018 Main Conference	\$1,595	\$1,695	\$1,995	18
ITAC 2018 Government/IIA/ISACA members discount (10% off main conference registration fee only)	\$1,435	\$1,525	\$1,795	18
ITAC 2018 Threat Intelligence/IT Data Governance Summit	\$795	\$895	\$995	8
ITAC 2018 Full-Day Workshop	\$695	\$795	\$895	8
ITAC 2018 Half-Day Workshop	\$495	\$595	\$695	6





11:00 AM – 12:00 PM



### KEYNOTE Exploring the New Cyber Frontier; How to Ready Your Audit and Infosec Teams for Innovative Technologies

Andrea Hoy, Virtual CISO and President, A Hoy and Associates

Where do we go from here?

In this keynote session, Andrea will address the innovative technologies entering into the environments we govern and audit. Attendees will be encouraged to think about how we structure our audit and infosec teams to ensure we have the right skill sets to address the challenges that come with securing an evolving dynamic infrastructure.



# Workshops

Half-Day Workshops 6 CPEs

## THURSDAY, JULY 26

12:15 PM – 5:15 PM

### W1 Data Privacy Fundamentals for Auditors ■

Shawna Flanders, Director of Instructional Technology and Innovations, Senior Trainer, MISTI

With identity theft and regulatory requirements on the rise, data privacy should be a part of every audit that deals with the collection and use of consumer, customer or employee PII. In this workshop, we will explore the standard components of a data privacy policy and how that policy impacts the way an organization stores, protects and disposes of information assets.

Learning Objectives:

- Why data privacy matters
- Data privacy regulations in the US and worldwide
- Data privacy governance and management
- Necessary data privacy policy content
- Connection between data privacy policy and IT and shadow IT controls
- Auditing the data privacy policy

### W2 Cybersecurity Begins with a View from the Top ■

Mark Edmead, Managing Director, MTE Advisors

Cybercrime is big business that requires a top-down approach to fix. For that to work, IT leaders must communicate effectively with the board of directors and C-level executives. This workshop will provide tips to help enable the discussion with the C-level executives on the impact of cybercrime and how to obtain their support in the fight against this growing cybersecurity threat.

Learning Objectives:

- The “real” cost of cyber-crime and what it means to the bottom line
- The impact of NOT having board level and C-level support against cybercrime
- How to implement and support cyber security planning with leading frameworks such as NIST
- Align cybersecurity, cybercrime and information compliance within the organization with related initiatives, including HR training and legal departments

Full-Day Workshops 8 CPEs

## FRIDAY, JULY 27

9:00 AM – 5:00 PM

### W3 Understanding DevOps ■

Guy Hebert, IT Risk and Compliance, Atlassian  
Brad Coons, Risk & Compliance Manager, Atlassian

Is DevOps merely the latest fad? Or is it the future of software development? In this workshop, we will introduce the basics surrounding DevOps and why it is important for IT auditors to develop a working understanding of DevOps—no matter your company’s current state of software deployment.

Learning Objectives:

- DevOps Overview: What it is, how it works, why it’s awesome
- Evolution of software development methodologies: Waterfall to Agile to DevOps
- Benefits of an Agile/DevOps approach in software development or on any team
- The intersection of DevOps and systems security
- Where does DevOps fit in the context of a Systems Development LifeCycle?
- Implementing DevOps and maintaining compliance obligations
- Explore an interactive DevOps build/ deploy pipeline
- How can DevOps be audited?

### W4 Ethical Hacking for Auditors

HANDS-ON ■

Lee Neely, Cybersecurity Expert, Lawrence Livermore National Laboratory

Chelle Neely, Web Designer and Developer, Lawrence Livermore National Laboratory

An ethical hacker exposes vulnerabilities in software to help business owners fix those security holes before a malicious hacker discovers them. In this workshop, you’ll learn all about what ethical hacking is and how you, as an auditor, can use some of these tools to assess the effectiveness of your company’s controls. Your laptop and mobile device are recommended to get the most out of this workshop.

Learning Objectives:

- Hacking fundamentals
- Common vulnerabilities and threats to computer networks and software applications
- Common tools of the hacker’s trade
- How to hack using social media
- Fundamentals of password cracking
- How to hack a wireless network, cell phone, website and web server
- How to use SQL Injections and Cross Site Scripting in hacks and prevention techniques

## CONTINUING EDUCATION CREDITS

All participants are eligible for 18 hours of Continuing Education Credits for the conference, 8 for the summits, 8 for the full-day workshops and 6 for the half-day workshops. Credits may be applied toward professional recertification requirements.



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MONDAY, JULY 23 8 CPEs

IT Data Governance Summit  
Threat Intelligence Summit

THURSDAY, JULY 26 6 CPEs

W1 Data Privacy Fundamentals for Auditors  
W2 Cybersecurity Begins with a View from the Top

FRIDAY, JULY 27 8 CPEs

W3 Understanding DevOps  
W4 Ethical Hacking for Auditors HANDS-ON

