

Co-presented by:



## REGISTRATION NOW OPEN FOR:

Two annual events uniquely designed for IT professionals in the areas of risk, security and governance.

PROGRAM SPONSOR



EXHIBITORS TO DATE



# 2012 Canadian Conference on IT Audit, Governance and Security

**March 26-27, 2012**

**March 28 - Optional Post-Conference Workshop  
Wireless & Mobile Technologies - IT Audit and Security Perspective**

Join your colleagues and our expert speakers to:

- discuss and explore the latest state-of-the-art IT practices;
- learn to assess today's most significant technology risks;
- explore opportunities that come with new technologies;
- equip yourself to address emerging threats facing IT professionals today.



### SPECIAL KEYNOTE ADDRESS:

**Douglas Merrill**, former CIO and VP of Engineering at Google  
*"Innovate or Die: Building a Culture of Strategy and Innovation"*

**AND**  
for those  
new to the  
world of  
IT Audit...

## Fundamentals of IT Audit – A Three-Day Workshop

**March 26-28, 2012** (*Running concurrently with the Conference*)

Attend our ever-popular three-day workshop designed exclusively for those who are new to the IT profession.

Develop the core skills necessary to complete a wide range of IT audit assignments in today's complex multi-layered computing environments.

**HILTON TORONTO HOTEL ■ TORONTO, ONTARIO**



## Who Should Attend the Canadian Conference on IT Audit, Governance and Security?

- IT decision makers and advisors in the areas of risk, security and governance
- Chief information officers
- Chief IT security officers
- Auditors – internal and external
- Senior financial professionals with responsibility for the IT function

## Why You Should Attend the Conference:

- Gain valuable practical insights into the critical IT challenges of today and tomorrow.
- Exchange information, best practices and application on a broad range of topics with peers from across Canada.
- Create your personalized agenda from over 20 sessions on state-of-the-art IT practices presented by leading IT industry and professional services leaders.
- Attend the optional workshop and learn about the risks and controls related to using Mobile technology.
- Earn up to 21 hours of CPD credits



### Conference Speaker Directory to Date

Chris Anderson, Grant Thornton LLP  
Gary S. Baker, Independent Consultant  
Nitin Bedi, Telus Security Solutions  
Mike Bentley, Hewlett Packard  
Neil Bhattacharya, Accenture Mobility Services  
Charan Bommireddipalli, Collins Barrow LLP  
Shanda Chronowich, MNP LLP  
Derek Colfer, VISA Inc.  
David Florio, Grant Thornton LLP  
Ron Foster, City of Oshawa  
Salim Hasham, PwC LLP  
Felix Isada, Bell Canada  
Darren James, Deloitte  
Gord Kilarski, Deloitte  
Ray Lavitt, Centre for Outsourcing Research and Education  
Barry Lewis, Cerberus ISC Inc.  
Blake Lindsay, Bell Canada  
Gary Margolis, Gary Margolis Consulting  
Strahan McCarten, Bell Canada  
Douglas Merrill, former CIO and VP Engineering at Google  
Bruce Muir, Independent Consultant  
Richard Pearce, eHealth Ontario  
Lou Pollieri, Ontario Power Generation  
Baskaran Rajamani, Deloitte  
Alan Reynolds, CIBC Internal Audit  
Robert Richardson, CGI  
Jim Robbins, EWA-Canada  
Bobby Singh, Rogers Communications  
Tony Stanco, Toronto Hydro Corporation  
Huw Thomas, Corporate Director  
Louie Velocci, KPMG LLP  
Paul Wallis, Peel Region  
Gregory Woodall, CIBC  
Ann Marie Yamamoto, PwC LLP

### Advisory Committee:

Robert Crawford, Ontario Ministry of Finance, Internal Audit Division  
John Heaton, Accenture  
Raul Mangalindan, BCE – Internal Audit  
Jeff McClravey, University of Toronto  
Monique Muzerie, HP Enterprise Services  
P. Mary Olynyk, CICA

## *New to the World of IT Audit?*

Take advantage of the many benefits of attending the

## **Fundamentals of IT Audit – A Three-Day Workshop** featuring *Craig McGuffin*.

This workshop is designed to provide new IT assurance-and-control professionals with the core skills needed by all information technology auditors.

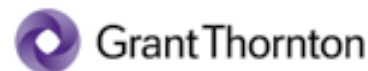
- **Gain an understanding** of key audit and control principles.
- **Discover practical techniques** necessary to complete a wide range of IT audit assignments in today's complex computing environments.
- **Get a solid foundation** to continue to build your IT audit expertise.
- **Learn from an industry leader**, Craig McGuffin, who has over 25 years' experience in the field of network controls and security.

**See page 10 for complete details.**

# 2012 Canadian Conference on IT Audit, Governance and Security

March 26-27, 2012 (Optional Workshop March 28) ■ Hilton Toronto Hotel – Toronto, ON

PROGRAM SPONSORED BY



CONFERENCE AGENDA

## DAY 1 – MONDAY, MARCH 26, 2012

7:30 - 8:30	REGISTRATION AND CONTINENTAL BREAKFAST ■ EXHIBITS OPEN		
8:30 - 9:30	KEYNOTE ADDRESS - <b>DOUGLAS MERRILL</b> , FORMER CIO AND VP ENGINEERING AT GOOGLE		
9:30 - 11:00	<b>Understanding the Shifting Paradigm of Security in the Cyber Age</b>		
11:00 - 11:15	COFFEE ■ EXHIBITS OPEN		
11:15 - 12:15	<b>Business-Managed Technology - How to Balance End-User Flexibility with Risk Management and Governance</b>	<b>Cloud Computing - Understanding the Value, Risks and Related Audit Issues</b>	
12:15 - 1:30	LUNCH		
1:30 - 2:30	<b>Managing an IT Outsourcing Relationship - How to Develop an Effective 3rd Party Contract</b>	<b>Auditing IT Projects</b>	<b>Data Governance and Integrity</b>
2:30 - 2:45	COFFEE ■ EXHIBITS OPEN		
2:45 - 3:45	<b>Managing an IT Outsourcing Relationship - Governance Lessons Learned from the Trenches</b>	<b>Into the Cloud, Out of the Fog</b>	<b>Getting Started with Audit Analytics</b>
3:45 - 4:00	COFFEE ■ EXHIBITS OPEN		
4:00 - 5:00	<b>Is Your Board Dealing with IT Governance?</b>		
5:00 - 6:00	RECEPTION HOSTED BY EXHIBITORS ■ EXHIBITS OPEN		

## DAY 2 – TUESDAY, MARCH 27, 2012

7:30 - 8:30	CONTINENTAL BREAKFAST ■ EXHIBITS OPEN		
8:30 - 9:30	<b>“BYOD” - How Do You Manage the Security Issues?</b>		
9:30 - 10:45	<b>Going Mobile - Get Ready and Be Careful!</b>		
10:45 - 11:00	COFFEE ■ EXHIBITS OPEN		
11:00 - 12:00	<b>Continuous Auditing and Monitoring of IT - An Essential Part of an Auditor's Toolkit to Help Keep Pace with Ever-Changing IT Environments</b>	<b>Cloud Computing - Are You Up in the Cloud on Governance Issues?</b>	<b>Planning Successful Offshore Audits</b>
12:00 - 1:00	LUNCH		
1:00 - 2:15	<b>Business Continuity and Pandemic Awareness in an Interconnected World</b>	<b>The Potential Costs of Low-Tech Hacking</b>	<b>Is Your IT Audit Plan Risk Based?</b>
2:15 - 2:30	COFFEE ■ EXHIBITS OPEN		
2:30 - 3:45	<b>Audit Tools - Commonly Used Software Tips to Help you Become a More Effective Analytical Auditor</b>	<b>Best Practices for Maximizing IT Value and Effectiveness</b>	<b>IT Security Audit - Real World Lessons from the Field</b>
3:45 - 4:00	CHANGE BREAK		
4:00 - 5:00	<b>Recent, and Emerging Technologies plus Future Trends - What are the Risks?</b>		

## DAY 3 – WEDNESDAY, MARCH 28, 2012 – POST-CONFERENCE WORKSHOP

7:30 - 8:30	REGISTRATION AND CONTINENTAL BREAKFAST
8:30 - 4:30	<b>Optional Workshop: Wireless &amp; Mobile Technologies – IT Audit and Security Perspective</b>

BONUS CD-ROM included with your registration. Most technical sessions will be included on this year's CD-ROM. Sessions are captured live and synchronized with the PowerPoint presentation. (Please allow 6-8 weeks delivery after the event.)

The information is correct at time of printing. For the most current information on agenda items, sponsors, exhibitors etc., for both the Conference and Fundamentals of IT Audit, visit the web community at: [www.cpd.cica.ca/ITAudit](http://www.cpd.cica.ca/ITAudit)

## CONFERENCE SESSION DESCRIPTIONS

SPONSORED BY  Grant Thornton

### Day 1 ► Monday, March 26, 2012

**7:30 am** REGISTRATION AND CONTINENTAL BREAKFAST – EXHIBITS OPEN

**8:30 am** OPENING REMARKS AND KEYNOTE ADDRESS BY

*Douglas Merrill,  
Former CIO and VP Engineering at Google*

#### **Innovate or Die: Building A Culture of Strategy and Innovation**

Douglas Merrill provides a rare look into how Google fosters its renowned culture of innovation. He contrasts Google's strengths with those of other companies that are struggling to stay relevant. Innovation, he shows us, is already happening at your organization, at every organization. Having championed innovation at Google, Merrill demonstrates, with striking clarity, how to design a different kind of company – one where culture, strategy and innovation are interrelated and drive massive, sustainable growth.

**9:30 am** **Understanding the Shifting Paradigm of Security in the Cyber Age**

*Salim Hasham, PwC LLP*

Paradigm shifts in how we leverage new business strategies, such as cloud computing, digital transformation and mobility have forced us to rethink how we manage risk in a world of expanding electronic boundaries, increasing customer expectations, fluid supplier/partner relationships, rigorous compliance demands, sophisticated threats, organized crime, cyber crime, disclosure, theft and scarcity of critical resource. This session will help you understand the current and emerging threats and security risks from this shifting paradigm.

**11:00 am** COFFEE BREAK – EXHIBITS OPEN

**11:15 am** CONCURRENT SESSIONS – CHOOSE ONE OF TWO

#### **Business-Managed Technology – How to Balance End-User Flexibility with Risk Management and Governance**

*Louie Velocci, KPMG LLP*

In today's corporate IT environment, IT and business leaders need to strike a fine balance between meeting business needs and managing technology risks. Business leaders may not necessarily understand all the security risks that come along with the flexibility of end-user solutions. IT leaders may not necessarily understand the business realities linked to limiting business units' flexibility to address current business needs. This session will cover the risk and control considerations from both sides.

OR **Cloud Computing – Understanding the Value, Risks and Related Audit Issues**

*Felix Isada and Strahan McCarten, Bell Canada*

Cloud computing is an emerging IT service delivery model that enables convenient, on-demand network access to a shared pool of configurable computing resources that can be rapidly provisioned with minimal effort or service provider interaction. Leading Canadian information and communication technology service providers are developing and launching their cloud products to capture a share of the Canadian cloud market that is projected to reach \$1 billion in 2012. This session will discuss the business advantages of cloud computing, related risks and audit implications from a service provider's perspective.

**12:15 pm** LUNCH

**1:30 pm** CONCURRENT SESSIONS – CHOOSE ONE OF THREE

#### **Managing an IT Outsourcing Relationship – How to Develop an Effective 3<sup>rd</sup> Party Contract**

*Richard Pearse, eHealth Ontario*

Corporations are getting increasingly reliant on their IT outsourcing partners. How can you shape the contract with your IT provider to reflect all the security requirements your organization is required to fulfill? This session will provide an outline of how to develop an effective agreement with your IT outsourcing partner to create the control framework you need to manage throughout the relationship.

## OR Auditing IT Projects

*Ron Foster, City of Oshawa  
Paul Wallis, Peel Region*

This session will examine the value of auditing projects against best-practice project management and system development lifecycle methodologies. In this presentation you will learn what it takes to plan and develop value-added and effective audit plans for IT projects throughout their lifecycle.

## OR Data Governance and Integrity

*Gord Kilarski, Deloitte*

Data Governance is a hot topic at the executive table as organizations try to deal with the exponential growth of data and ever increasing regulatory and legal implications. Implementing a successful data-governance program, however, can be significantly challenging. In this session you will be introduced to leading-practice design and implementation of data governance organizational competencies. These are the building blocks to unlock the hidden value of data, mitigate data risks and break down the cultural and technical barriers that have been preventing success.

## OR Into the Cloud, Out of the Fog

*Cloud Security Subject Matter Expert, Ernst & Young, LLP*

Turning over control of IT infrastructure and data to a cloud provider is an inherently uncomfortable situation for senior corporate managers - and it goes against the culture of many large corporate organizations. It's no surprise therefore that a research survey of North American and European businesses found that 50% of respondents cited their chief reason for not moving to cloud computing was security concerns. In a separate global study of IT risk, 77% of respondents said adopting cloud computing makes privacy more difficult.

This cloud computing session will explore: key trends that have a significant impact on the role and importance of information security; key information security implications and potential business impact; and considerations for developing an information security framework.

## OR Getting Started with Audit Analytics

*Darren James, Deloitte  
Alan Reynolds, CIBC Internal Audit*

Looking to embed analytics into your audit plan? Not sure where to start? This session will look at how to go about scoping and planning analytics into your audits. User-friendly tools and the abundant sources of data mean that analytics can be accessible to almost anyone. You will also see how analytics can be used to focus your audits on high-risk areas, reduce manual testing, obtain greater audit coverage and develop deeper insights into areas of audit interest. The session will also consider some of the challenges you will face along the way with suggestions for overcoming them.

2:30 pm COFFEE BREAK – EXHIBITS OPEN

2:45 pm CONCURRENT SESSIONS – CHOOSE ONE OF THREE

## Managing an IT Outsourcing Relationship – Governance Lessons Learned from the Trenches

*Panel:  
Baskaran Rajamani, Deloitte – Moderator  
Ray Lavitt, Centre for Outsourcing Research and Education  
Robert Richardson, CGI  
Gregory Woodall, CIBC*

Organizations have increasingly embraced outsourcing to reduce costs and to be able to focus on core competencies. Establishing appropriate mechanisms for risk management, governance and obtaining assurance is crucial to ensuring success. This panel will explore what makes an outsourcing relationship successful and how an organization can address outsourcing governance. Participants will benefit from the insights and real-life stories shared by the experienced panelists and take implementable practical solutions back to their work place.

3:45 pm COFFEE BREAK – EXHIBITS OPEN

## 4:00 pm **Is Your Board Dealing with IT Governance?**

*Gary S. Baker, Independent Consultant  
Huw Thomas, Corporate Director*

IT Governance can be defined as: “The oversight responsibility for the strategic and tactical management of the planning, delivery and support, and monitoring and evaluation of the information technology environment.”

This session will help you deal with common governance issues found at the board level including: limited awareness of IT issues, risks and undertakings; lack of alignment of IT initiatives with organization strategy; undefined or unclear responsibilities and/or accountabilities; and a lack of timely and effective reporting to the board on identified IT issues.

## 5:00 pm **NETWORKING RECEPTION HOSTED BY EXHIBITORS – EXHIBITS OPEN**

## Do you think your customer data is secure? Or do you know it is?

About 90% of business data is stored, processed and transmitted electronically. The resulting concentration of data makes it attractive to thieves and hackers, and the complexity of systems and networks can make it vulnerable to compromise. The solution? Give us a call. Our information technology specialists can identify weaknesses in your system and show you how to help prevent both internal and external data breaches. Our technology services group can assist you with

IT assessment and management • IT due diligence • Information security consulting • Payment Card Industry Data Security Standard (PCI DSS) compliance

**David Florio**, CA, CA•IT, PCI QSA  
Partner, Business Risk Services  
T +1 416 369 6415  
E David.Florio@ca.gt.com

**Chris Anderson**, CA (NZ), CISA,  
CMC, CISSP, PCI QSA  
Partner, Grant Thornton Consulting  
Business Risk Services  
T +1 416 360 4977  
E Chris.Anderson@ca.gt.com



[www.GrantThornton.ca](http://www.GrantThornton.ca)

Audit • Tax • Advisory

© Grant Thornton LLP. A Canadian Member of Grant Thornton International Ltd  
Some of the defined services may be provided by an associated entity of Grant Thornton LLP.

## Day 2 ► Tuesday, March 27, 2012

7:30 am **CONTINENTAL BREAKFAST – EXHIBITS OPEN**

## 8:30 am **BYOD – How Do You Manage the Security Issues?**

*Nitin Bedi, Telus Security Solutions*

Given the proliferation of smart phone and tablet-based technology, organizations will either “adopt” or “tolerate” policies for “Bring Your Own Device” (BYOD). This leaves the IT organization with less control over the devices and related supporting services. Organizations need to seek new secure methods to allow personal devices to connect to the corporate infrastructure.

During this session we will discuss: challenges and risks presented by allowing employee-owned devices in the enterprise; mobile device management and what does this mean for my organization; strategies for addressing the risks associated with BYOD; and maintaining regulatory compliance.

## 9:30 am **Going Mobile – Get Ready and Be Careful!**

*Panel:*

*Chris Anderson, Grant Thornton LLP - Moderator  
Derek Colfer, VISA Inc.  
Blake Lindsay, Bell Canada  
Jim Robbins, EWA-Canada*

The panel will discuss: What opportunities and risks do mobile payment technologies present to businesses that do not adapt timely and carefully? What happens next - will mobile payments be a tipping point which will open up the Pandora’s Box of mobile devices as the ‘source documents’ for everything? What are the risks, and the corresponding trust, security, control and assurance requirements? What roles can and should the banks, telcos, card brands and regulators play?

10:45 am **COFFEE BREAK – EXHIBITS OPEN**

**11:00 am** CONCURRENT SESSIONS – CHOOSE ONE OF THREE

## Continuous Auditing and Monitoring of IT - An Essential Part of an Auditor's Toolkit to Help Keep Pace with Ever-Changing IT Environments

*Gary Margolis, Gary Margolis Consulting*

The pace of change in Information Technology continues to accelerate. With the global marketplace and technological dependencies, how do we ensure the audit approach and audit technologies are appropriate and keeping pace? In this session, participants will be presented with an understanding of Continuous Auditing and Monitoring of IT and the effectiveness of using automated tools.

**OR** **Cloud Computing – Are You Up in the Cloud on Governance Issues?**

*Barry Lewis, Cerberus ISC Inc.*

Cloud computing offers the advantage of flexibility, scalability and the ability to quickly roll out new functionalities to support business units. However, it also increases governance risk issues related to security, privacy, availability, continuity and public confidence. In this session, we will review governance practices to deal with management oversight concerns for data reliability, transaction integrity and data security.

**OR** **Planning Successful Offshore Audits**

*Mike Bentley, Hewlett Packard*

Increasingly, corporations are required to plan and execute portions of their audits offshore with their IT service providers in order to provide assurance on controls. This session will provide an overview of how to plan these types of audits from the auditors' and recipients' perspective to ensure overall success while effectively managing the costs and minimizing logistical headaches and miscommunication.

**12:00 pm** LUNCH

**1:00 pm** CONCURRENT SESSIONS – CHOOSE ONE OF THREE

## Business Continuity and Pandemic Awareness in an Interconnected World

*Shanda Chronowich, MNP LLP*

Global crises appear to be happening more frequently. With our global marketplace and technological dependencies, how do we ensure the impacts cause limited interruptions to our local business? In this session participants will be presented with practical actions that they can take to ensure the appropriateness of their business continuity programs regardless of their global footprint.

**OR** **The Potential Costs of Low-Tech Hacking**

*David Florio, Grant Thornton LLP*

In this session you will learn how low-tech hackers could exploit vulnerabilities at your organization and obtain sensitive information. Some techniques that will be discussed include: social engineering; physical security weaknesses; surveillance; wireless and non-user computer IPs. The presentation will provide you with information related to the risks and vulnerabilities of low-tech hacking, and countermeasures you can take to protect yourself against them.

**OR** **Is Your IT Audit Plan Risk Based?**

*Bruce Muir, Independent Consultant*

During these tough economic times, every department in an organization is forced to show that it is providing value to the organization, including IT internal audit departments. IT auditors are reviewing their audit scope to ensure that the key risks facing the organization are being addressed. Various methods and techniques are used to determine enterprise risks, and the IT scope is derived from those enterprise risks. This session explores how you ensure that your annual IT audit plan has good coverage and that it is risk based.

**2:15 pm** COFFEE BREAK – EXHIBITS OPEN

2:30 pm CONCURRENT SESSIONS – CHOOSE ONE OF THREE

## Audit Tools – Commonly Used Software Tips to Help You Become a More Effective Analytical Auditor

*Tony Stanco, Toronto Hydro Corporation*

Commonly available software products have a wealth of creative features and functionality available that can help auditors analyze data and trends, identify key areas of risk and controls, improve business efficiencies, verify process effectiveness and report results in an efficient and effective manner. This session will review some of the neat tools available in commonly used software that can add the “WOW” factor to your engagement and improve your audit engagement results.

## OR Best Practices for Maximizing IT Value and Effectiveness

*Charan Bommireddipalli, Collins Barrow, LLP*

The global economic environment is tough today and when the going gets tough only the tough get going. Building a value-add IT function is critical to the success of today’s organizations. Having IT as a business enabler and strategic advantage requires an efficient and effective IT that maximizes its value by aligning its resources and activities to support strategic organizational goals and objectives. How can IT Governance help?

This session will explore: how boards can successfully support IT’s role and mandate as an enabler through effective governance; how IT projects and initiatives can contribute to successful corporate goals, objectives, and strategies; and how to measure and monitor IT’s performance in terms of those measures that matter most to the board.



**CA Learning Centre**

### The new CA Learning Centre is now available!

**CICA CONTINUING EDUCATION** is pleased to announce the launch of the **CA Learning Centre**. The **CA Learning Centre** combines the best features of our **CPD Web Communities** and the **Xtensions Learning Centre** into one CICA CPD Portal.

**With the CA Learning Centre you can now:**

- Register for CICA Continuing Education events – conferences, courses, workshops and briefings
- Participate in a growing number of e-Learning modules – hundreds of titles providing you with thousands of hours of verifiable CPD
- Log your learning with the CA Learning Centre’s New CPD Tracking System for certification and verification
- Quickly find what you need with our powerful, integrated and flexible search options
- Access your **Personalized Library** containing all your CA Learning Centre products, including registration materials, and e-learning multi-media – it’s your permanent electronic bookshelf
- Access all CICA websites, including **CA Learning Centre**, **knotia.ca** and **CA Connect** with a single sign on
- Shop at the **CA Learning Centre** and **CAstore** with ease, and check out with one shopping cart.

**Visit the CA Learning Centre today!**

[www.calearningcentre.ca](http://www.calearningcentre.ca)



## Sponsorship Opportunities

CICA CPD events provide you with an excellent opportunity to build credible exposure with a carefully targeted audience of decision makers, while building and reinforcing one-to-one business relationships. For information on Sponsorship and Exhibitor opportunities, please contact Manuela Downey at: [manueladowney@rogers.com](mailto:manueladowney@rogers.com)

## OR IT Security Audit – Real World Lessons from the Field

Panel:

*Ann Marie Yamamoto, PwC LLP- Moderator*

*Bobby Singh, Rogers Communications*

*Lou Pollieri, Ontario Power Generation*

*Other (tbd)*

In today's world, an IT security audit means more than just reviewing security hardware and access controls. Best practices for an IT security audit requires an understanding of the information within your business: What do you have? Where is it, not just at rest but in motion? Where is it going? Who has it, both inside and outside the organization? How is it being accessed?

Our panel will discuss real-world examples and provide best practices to conduct IT security audits. They will share their experiences on leveraging best-practice techniques to understand and assess information security risks.

3:45 pm CHANGE BREAK

## 4:00 pm Recent, and Emerging Technologies plus Future Trends – What are the Risks?

*Neil Bhattacharya, Accenture Mobility Services*

The consumerization of technology is blurring the lines of traditional enterprise and consumer technology. Social networking, apps, unified communications, mobile payments, presence awareness are some of the IT offerings that are combining enterprise and personal profiles to offer targeted enterprise services to employees and clients. This session will provide an overview of emerging technology trends, the benefits, expected evolution over three to five years and risk mitigation strategies to reduce the exposure for enterprises.

5:00 pm CONFERENCE CONCLUDES

Join your colleagues and our expert speakers to equip yourself to address emerging threats facing IT professionals today

## Day 3 ► Wednesday, March 28, 2012

### Optional Post-Conference Workshop

7:30 am REGISTRATION AND CONTINENTAL BREAKFAST

## 8:30 am Wireless & Mobile Technologies – IT Audit and Security Perspective

*Workshop Leader: Barry Lewis, Cerberus ISC Inc.*

This one-day workshop focuses on the specific risks and controls involved when using mobile technology. From access controls and inventory to automated tools, we analyze best practices and effective implementations. Finally, we review how you might perform an effective review of your mobile security, ensuring that all key areas are effectively and appropriately managed and controlled.

After completing this workshop, participants will be able to:

- Describe how mobile wireless technologies are used and their possible impact on the business.
- Recognize the risks involved in mobile technology.
- Understand the numerous controls that can mitigate the risks.
- Understand the technical controls available, such as the new BlackBerry Mobile Fusion.
- Conduct a technical assessment of their organization's mobile technology.



# Fundamentals of IT Audit – A Three-Day Workshop

March 26-28, 2012 ■ Hilton Toronto Hotel – Toronto, ON

Workshop runs from 8:30 a.m. to 4:30 p.m., each day with continental breakfast available at 7:30 a.m.

*Workshop Leader:*

**Craig R. McGuffin**, C.R. McGuffin Consulting Services

This three-day workshop is designed to provide new IT assurance-and-control professionals with the core skills needed by all information technology auditors. You will review and understand key audit and control principles, as well as many practical techniques, which are all necessary to complete a wide range of IT audit assignments within today's complex computing environments.

Topics covered include overall IT audit planning and objectives, as well as audit risk assessment. We'll also examine the wide range of controls needed for managing the IT function, system development/acquisition and implementation, IT operations, logical and physical security, and business resumption/disaster recovery. Included are the vital business process controls found within specific financial tracking and reporting systems. In addition, we will consider important technology components IT auditors must be able to understand, use, and evaluate.

Key topics include:

- Understanding IT audit risks and defining audit scope
- Internal control concepts and the role of computer control standards
- General controls protecting the IT environment
- Business process controls covering specific financial systems
- Communicating audit findings



Develop the core skills necessary to complete a wide range of IT audit assignments in today's complex multi-layered computing environments.

Your understanding will be facilitated by demonstrations and discussions of current technology and audit techniques to help reinforce the key concepts. After completing the workshop, you will be able to take part in many types of IT audit assignments, and have a solid foundation on which to continue to build your audit expertise.



Workshop Leader **Craig McGuffin**, CA, CISA, CISM, CGEIT, CRISC, Principal of C.R. McGuffin Consulting Services, has more than 25 years of experience in the field of computer and network controls and security. He has a background in computer science and has worked as an information systems auditor, security consultant and security manager, obtaining experience in all major computing and networking environments. He also is the co-author of two books on networking technology.

Craig is an award-winning and extremely popular speaker on the use of computer technology, controls and security, delivering core knowledge and practices through university courses, training seminars and conferences on six continents. He frequently presents on behalf of ISACA, IIA, and CICA.

# 2012 Canadian Conference on IT Audit, Governance and Security AND Fundamentals of IT Audit – A Three-Day Workshop

## Registration Information and Conditions:

### REGISTRATION FEES & OPTIONS:

(Note: fees do not include applicable taxes)

<b>Conference ONLY*</b> (March 26 – 27, 2012)	\$1,295
<b>Conference* PLUS Post-Conference Workshop</b> (March 26-28, 2012)	\$1,595
<b>Post-conference Workshop ONLY</b> (March 28, 2012)	\$645

\*Conference registration includes **BONUS FREE** post-conference CD-ROM  
(The CD-ROM will be available approximately 6-8 weeks post-event)

OR

<b>Fundamentals of IT Audit – Three-day Workshop</b> (March 26 – 28, 2012)	\$1,495
--	---------

### HOTEL INFORMATION:

**Hilton Toronto Hotel**  
145 Richmond Street West  
Toronto, ON  
Tel: 416-869-3456



The Hilton Toronto Hotel offers superb fine dining, elegantly stylish guestrooms while ideally located steps from stunning attractions. Across the street from the Four Seasons Centre of Performing Arts, and within walking distance to the CN Tower, the entertainment, fashion, theatre and financial districts, this downtown Toronto hotel will accommodate your every need.

**Conference/Fundamentals of IT Workshop** participants can enjoy a rate of \$219 (plus applicable taxes) for a standard room based on single or double occupancy. Early reservations are recommended.

Contact the Hilton Toronto Hotel directly at 1-416-869-3456. Identify yourself as an IT Audit, Governance and Security Conference participant for the special rate.

Reserve your room early to avoid disappointment. After Monday, March 5, 2012 reservations are accepted on a rate and space availability basis.

### PROGRAM DISCLAIMER:

The Conference/Workshop may be cancelled and all fees refunded if the required minimum enrolment is not obtained. The speakers, topics, program format and events are correct at the time of printing. If unforeseen circumstances occur, CICA reserves the right to alter or delete items from the program, or cancel the Conference/Workshop.

### CANCELLATION POLICY:

If you are unable to attend the event for any reason, you may substitute, by arrangement with the CICA Conference Registration Manager, someone else from your organization, or, you may cancel prior to **March 5, 2012 at 5:00 pm EST for a full refund**. If you cancel after March 5, a \$150.00 (plus HST) administration fee will apply.

### PLEASE NOTE:

**If you access your online materials account prior to cancellation, an additional \$750 (plus HST) content access fee will apply.**

All cancellations **must be made in writing**, either by mail to CICA Conference Office, 1345 St. Clair Ave. West, Third Floor, Toronto, ON M6E 1C3

Attn: Jimmy Tanudjaja, Registration Manager, or faxed to 416-593-1805, or emailed to [cica@andlogistix.com](mailto:cica@andlogistix.com). Please note: credit card information is required for cancellations.

## TWO WAYS TO REGISTER



Register on-line at:  
**[www.cpd.cica.ca/ITAudit](http://www.cpd.cica.ca/ITAudit)**

or



Register by phone:  
**416-651-5086**  
or toll-free **1-888-651-5086**

### YOU MUST HAVE AN ACCOUNT TO REGISTER.

As a participant, you must have your own personal account in order to access the event materials.

Before you register, please ensure you have an active account and profile. Visit the CAStore at [www.castore.ca](http://www.castore.ca) and click on "my account" (top right-hand side), and either Login to ensure your profile information is current, or create a profile if you do not have an account.

*Please note: If registering by phone, your credit card information must be provided in order to process your registration.*

YOUR PRIORITY EVENT CODE: **MC-B1**