



IBM i2 Summit

Exploit Data. Fight Crime. Prevent Fraud.

September 9-10, 2014 | Washington, D.C.

Conference guide



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Welcome to the IBM i2 Summit 2014!

Dear clients and Business Partners,

Thank you for joining us at this year's IBM i2® Summit in Washington, DC. It promises to be a key event for our community, and we hope you will find it exceeds your expectations.

The explosive growth of fraud, cyber threats and sophisticated — often organized — criminal activity is having a huge impact on businesses, governments, and the lives of average citizens throughout the world.

IBM is propelling its technological leadership to address criminal, terrorist and fraudulent activity and our customers are innovating in amazing new ways to stay one step ahead. This year we will be sharing how our customers are making a difference in securing our surroundings and we will be previewing game-changing new capabilities which leverage big data, advanced analytics, cognitive and mobile technologies.

We are honored to be concluding the first day of the conference program with a keynote address from General Michael Hayden, retired USAF and former Director of the CIA, and of the National Security Agency — the only person to have held both positions. On Wednesday, we'll hear from Dr. Steve Chan, Director of the Network Science Research Center. Both have many years of experience and will bring great insights to our audience.

Finally, one of the most useful — and enjoyable — aspects of any live event is networking with your peers and colleagues. We hope that you take advantage of these opportunities and that you schedule time to meet one on one with IBM product experts and industry thought leaders.

On behalf of the entire IBM i2 team, thank you for coming and have a great summit!

Sincerely,



Robert Griffin
General Manager, i2, Threat and Counter Fraud
IBM Corporation



General sessions and keynotes

Tuesday, September 9

9:00 a.m. – 10:00 a.m.

Building on a foundation of innovation

We'll kick off the 2014 IBM i2 Summit with exciting announcements from IBM senior executives. Join us to review some of the advancements that have transformed the IBM i2 portfolio over the past few months and get a sneak peek at how mobile, cloud and big data capabilities are creating new innovations for our customers.



Bob Griffin

General Manager, i2, Threat and Counter Fraud, IBM



Steve Mills

Senior Vice President and Group Executive – Software & Systems, IBM

4:00 p.m. – 5:00 p.m.

Keynote: Cyber security: Why is this (still) so hard?

Cyber security is hard. Part of that is just the nature of the cyber domain. But another part of that is the result of choices we have made, like choices about the proper role of government and the private sector or the proper balance between privacy and security. Which of these choices should be reconsidered? Are we even aware we have made them? And what of conventional wisdom is just wrong?



General Michael Hayden

Former Director of CIA and Former Director NSA

Wednesday, September 10

9:00 a.m. – 10:30 a.m.

Changing how and where we work

The drama of a changing world is no more powerfully reflected than in the changes in how and where we work. IBM technology is leading the way forward to master these changes and accelerate the benefits. From capitalizing on the ubiquity of mobile data access, to the insights derived from Watson's natural language cognitive computing and groundbreaking research to optimize the architecture of Big Data analytics, IBM is teamed with you—our clients.



Bob Griffin
General Manager, i2, Threat and Counter Fraud, IBM



Ed Bryan
Vice President, i2 and Smarter Cities Development, IBM



Gina Loften
Vice President, Watson Transformations – Public Sector, IBM Software Group

Keynote: Architecting Resilience-by-Design: Analytics on analytics

The growing complexity of decision-making in a Big Data world demands innovative Public Private Partnership (P3I) constructs and Resilience-by-Design (RBD) architectures. Intelligent engineering for RBD takes into consideration, among other design parameters, legacy components within critical infrastructure, bandwidth-constrained environs, and the correlative-causative relationships of complexity science. Collectively, these considerations necessitate the examination of the Relationship of Things or Relation of Entities (ROE) and Analytics on Analytics (A2O).

In adopting this ROE + A2O lens for the RBD landscape, it becomes clear that a simplistic lexicon to describe the problem set may be insufficient. Numerous studies indicate that metaphors are powerful in shaping how information technology (IT) designers/architects understand technology and can assist in deciding how to envision and approach problems. In fact, some studies posit that the use of metaphor enhances interdisciplinary analysis, thereby enabling the acceleration of IT design decisions. It has been found that the most effective P3I constructs are increasingly using more sophisticated metaphors rather than more limited descriptors, such as that of a puzzle and its many pieces. The utilization of more robust symbolisms better reflects reality and the true ROE. When conjoined, ROE and A2O better inform a robust RBD architecture by providing interstitial analyses that assist in militating against blind spots and brittleness. This combinatorial approach better leverages computer-assisted dynamic fine-tuning; when applied to a domain, such as critical infrastructure protection, this approach can optimize edge analytics for better and more timely decision-making.



Dr. Steven Chan
Director, Network Science Research Center



Conference agenda

Tuesday, September 9

Time/session	Title/speaker		Room
7:00 a.m.–5:00 p.m.	Registration and Information		Independence Foyer
7:30 a.m.–9:00 a.m.	Continental Breakfast		Regency Ballroom Foyer
9:00 a.m.–10:00 a.m.	General Session <i>Bob Griffin, IBM; Steve Mills, IBM</i>		Regency Ballroom C-F
10:00 a.m.–10:20 a.m.	Break		Regency Ballroom Foyer
10:20 a.m.–11:10 a.m.	Session 1		
	Cyber Intelligence 101: Strategic & Technical <i>Terry Weatherstone, GE</i>	D L F	Conference Theater
	IBM i2 National Security and Defense Intelligence: Generating Actionable Intelligence, At Scale and at Speed <i>Mitch Free, IBM; Dave Waxman, IBM</i>	D	Potomac I
	A Broader Intelligence View Can Help You Remain Compliant with the CFPB <i>Cassi Chandler, Bank of America</i>	F	Regency Ballroom A
	Fighting Crime with Big Data <i>Major Michael Corwin, Kansas City Police Department</i>	L	Regency Ballroom B
Hands-on Labs:	Introduction to IBM i2 iBase		Potomac IV
	IBM i2 Analyst's Notebook for Beginners		Potomac III
	Introduction to IBM i2 COPLINK and IBM i2 COPLINK Detect		Potomac II
11:15 a.m.–12:00 p.m.	Session 2		
	The Journey to IBM i2 National Security and Defense Intelligence (NDI) <i>Jacques Hamel, Canadian Defense</i>	D	Regency Ballroom A
	The Three "C's" of Colorado COPLINK: Cooperate Collaborate Consolidate <i>Commander David Shipley, Colorado Information Sharing Consortium (CISC); Corey Brant, IBM</i>	L	Regency Ballroom B
	IBM i2 Enterprise Intelligence Analysis for Cyber Intelligence – A Force Multiplier for Smarter Security <i>Chris Cardran, IBM; Dave Waxman, IBM</i>	L F	Potomac I
	International Tax Crime, the Fraud Triangle and Automated Information <i>Bruce Paynter, Australian Tax Office</i>	F	Conference Theater
Hands-on Labs	Basic Data Mining with IBM i2 Analyst's Notebook		Potomac IV
	Introduction to Importing		Potomac III
	Performing Multidimensional Analysis Using IBM i2 Enterprise Intelligence Analysis (EIA)		Potomac II
12:00 p.m.–1:15 p.m.	Lunch		Independence Center
1:15 p.m.–2:00 p.m.	Session 3		
	Innovative Approaches to Thwarting Bank Fraud <i>Naveen Manivannan, SunTrust Bank</i>	F	Regency Ballroom A
	Accelerating Lead Generation Through FBI N-DEX <i>Commander Scott Edson, LA Sheriff's Department</i>	L	Regency Ballroom B
	IBM i2 Innovation - Past, Present and Future <i>Charles Brown, IBM</i>	D L F	Potomac I

AREA OF INTEREST KEY

D Defense/Nat'l Security

L Law Enforcement

F Fraud/Financial Crime

Tuesday, September 9 – continued

Time/session	Title/speaker		Room
	Session 3 – continued		
	Deciphering Terrorist Networks with Open Source Intelligence <i>Jeff Chapman, Babel Street</i>	D L	Conference Theater
Hands-on Labs:	Querying in IBM i2 iBase		Potomac IV
	What's New in IBM i2 Analyst's Notebook® v8.9.7.x		Potomac III
	IBM i2 COPLINK® Basic Association Searches		Potomac II
2:05 p.m.–2:55 p.m.	Session 4		
	Financial Intelligence Operations – A Means to Improve Transparency, Accountability and Situational Understanding in Contingencies and Dynamic Environments <i>Gert Berthold, Precipitate Solutions</i>	F	Regency Ballroom A
	Power of Integrated Network and Geospatial Analysis <i>Clark Swinehart, ESRI; Ross Maughan, IBM</i>	D L	Conference Theater
	Why Did You Buy IBM i2 COPLINK in the First Place? <i>Bob Fund, IBM; Roy Wood, IBM</i>	L	Potomac I
	Troubled Families – How Analysis of Data Helps to Improve Lives <i>Sarah Henry, Manchester City Council, UK</i>	D L F	Regency Ballroom B
Hands-on Labs:	Financial Analysis		Potomac IV
	Using the Local Analysis Repository in IBM i2 Analyst's Notebook Premium		Potomac III
	Introduction to IBM i2 TextChart		Potomac II
2:55 p.m.–3:15 p.m.	Break		Regency Ballroom Foyer
3:15 p.m.–4:00 p.m.	Session 5		
	Emerging Trends in Financial Crimes <i>John O'Neill, IBM</i>	F	Regency Ballroom A
	Fighting California Wildfires with IBM i2 COPLINK <i>Pam Scanlon, San Diego County Police</i>	L	Regency Ballroom B
	Move from the What to the Why: Trends and Directions in Analysis <i>Robert Ames, In-Q-Tel</i>	D L F	Conference Theater
	IBM i2 Intelligence Analysis Portfolio <i>Ross Maughan, IBM</i>	D L F	Potomac I
Hands-on Labs:	Conditional Formatting		Potomac IV
	Social Network Analysis		Potomac III
	IBM i2 COPLINK Detect Refined Searches: Cutting to the Chase		Potomac II
4:00 p.m.–5:00 p.m.	Keynote: Cyber Security: Why Is this (Still) So Hard? <i>General Michael Hayden, Former Director of CIA and Former Director NSA</i>		Regency Ballroom C-F
5:30 p.m.	Reception		Regency Ballroom Foyer

Conference agenda

Wednesday, September 10

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7:30 a.m.–1:00 p.m.	Registration and Information		Independence Foyer
8:00 a.m.–9:00 a.m.	Continental Breakfast		Regency Ballroom Foyer
9:00 a.m.–10:30 a.m.	General Session <i>Bob Griffin, IBM; Ed Bryan, IBM; Gina Loften, IBM; Dr. Steven Chan, Network Science Research Center</i>		Regency Ballroom C-F
10:30 a.m.–11:00 a.m.	Break		Regency Ballroom Foyer
11:00 a.m.–11:50 a.m.	Session 6		
	Blue Fusion: Blue Light's Innovative MicroCloud Integrated in Your Environment <i>David Williams, Blue Light</i>	D L F	Regency Ballroom A
	A Case for Collaboration in the War against Complex Cyber Crime <i>Maria Vello, National Cyber Training Forensics Alliance</i>	F	Regency Ballroom B
	The Impact of Cognitive Technology <i>Gina Loften, IBM</i>	D L F	Conference Theater
	How Law Enforcement Embraces Big Data Technologies in their Daily Investigation Tasks – a Case Study of Taiwan Police <i>Grace Chen, SolventoSOFT</i>	L	Potomac I
Hands-on Labs:	Bringing It Together – The IBM i2 Solution		Potomac IV
	Cell/Toll Data and i2 Analyst's Notebook		Potomac III
	Introduction to IBM i2 COPLINK and IBM i2 COPLINK Detect		Potomac II
11:50 a.m.–1:10 p.m.	Lunch		Independence Center
1:10 p.m.–2:00 p.m.	Session 7		
	Distributed Crime Fighting in the U.S. Marine Corps <i>Troy Wright, Homeland Security, Inc.</i>	D L	Regency Ballroom B
	Counter Fraud Management: A New Approach with Direct Business Impact <i>Phil Kautzman, IBM; Chauntelle Finch, IBM; Frederick Leighton, IBM</i>	F	Conference Theater
	Congressional Panel: Cybersecurity – Economic Security: Perspectives from Congress and the Executive Branch <i>Caitlin Durkovich, Assistant Secretary, Infrastructure Protection, National Protection and Programs Directorate, Department of Homeland Security; Alex Manning, Staff Director, Subcommittee on Cybersecurity, Infrastructure Protection, and Security Technologies of the U.S. House Homeland Security Committee; John Williams, General Counsel, U.S. Senate Committee on Commerce, Science, and Transportation; Christopher Padilla, IBM (Moderator)</i>	D L F	Regency Ballroom A
Hands-on Labs:	IBM i2 Analyst's Notebook for Beginners		Potomac IV
	Charting with IBM i2 iBase		Potomac III
	Performing Multidimensional Analysis Using IBM i2's Enterprise Intelligence Analysis (EIA)		Potomac II

AREA OF INTEREST KEY

D Defense/Nat'l Security

L Law Enforcement

F Fraud/Financial Crime

Wednesday, September 10 – continued

Time/session	Title/speaker		Room
2:10 p.m.–3:00 p.m.	Session 8		
	Improving Insurance Fraud Investigations Using Visual Analysis: Combating Broker Fraud and Staged Accident Rings Using IBM i2 Analyst's Notebook <i>Cynthia Hellein, GEICO</i>	F	Regency Ballroom A
	Using IBM i2 Analyst's Notebook in Mail Narcotics Investigations of the U.S. Postal Inspection Service <i>Carole Edwards, U.S. Postal Inspection Service</i>	DL	Regency Ballroom B
	Integrated Law Enforcement – Extensions of Capabilities <i>Steve Dalzell, IBM</i>	L	Potomac I
Hands-on Labs:	What's New in IBM i2 Analyst's Notebook v8.9.7.x		Potomac IV
	IBM i2 iBase Structured Activity		Potomac III
	Filtering IBM i2 COPLINK Result Sets: Getting to the Bad Guys		Potomac II
3:10 p.m.–4:00 p.m.	Session 9		
	Using IBM i2 to Decode Cyber Threats <i>Chris Cardran, IBM</i>	DLF	Potomac I
	IBM i2 COPLINK Everywhere <i>Roy Wood, IBM</i>	L	Regency Ballroom A
	Big Risks Requires Big Data Thinking: Integrating Leading Counter Fraud Analytics into your Compliance Monitoring Program <i>Vincent Walden, Ernst & Young</i>	F	Regency Ballroom B
	Automate Investigations with Master Views of Individuals <i>Jeff Huth, IBM; Rajamani Muralidharan, IBM</i>	DL	Conference Theater
Hands-on Labs:	Financial Analysis		Potomac IV
	Social Network Analysis		Potomac III
	Customizing the Local Analysis Repository in IBM i2 Analyst's Notebook Premium		Potomac II