

TeleStrategies[®]

ISS World Americas



Intelligence Support Systems for Lawful Interception, Criminal Investigations and Intelligence Gathering

ISS World Americas is the world's largest gathering of North American, Caribbean and Latin American Law Enforcement, Intelligence and Homeland Security Analysts and Telecom Operators responsible for lawful interception, electronic investigations and network Intelligence gathering.

ISS World Programs present the methodologies and tools to bridge the chasms from lawful intercept data gathering to information creation to investigator knowledge to actionable intelligence.

ISS World Americas Program

Track 1 [ISS for Telecom Operator Lawful Interception](#)

Track 2 [ISS for Criminal Investigation](#)

Track 3 [ISS for Data Retention and Regulatory Compliance](#)

Track 4 [ISS for Mobile Location, Surveillance and Intercept](#)

Track 5 [DPI for Lawful Interception, Network Security and Traffic Management](#)

Track 6 [ISS for Intelligence Gathering and Analysis](#)

Track 7 [LEA and Intelligence Analyst Training and Product Demonstration](#)

Pre-Conference Seminar

Sunday, October 11, 2009

9:00 AM - 4:30 PM **Understanding Telecommunications Technologies for
LEA Investigators and Intelligence Analysts**

ISS World Americas Exhibits

10:00 AM - 5:30 PM **Tuesday, October 13, 2009**

9:30 AM - 12:30 PM **Wednesday, October 14, 2009**

Keynote Addresses

Monday, October 12, 2009

8:30 - 8:45 AM **Welcoming Remarks**

Tatiana Lucas **ISS World Program Director**

9:00 - 9:30 AM **Technology and Security: An Enduring Challenge**

Stewart Baker, Partner, **Steptoe and Johnson** and Former DHS Assistant Secretary for Policy

Department of Homeland Security Presenters (Invited)

Bart Johnson, Principal Deputy Under Secretary for Intelligence & Analysis, **Department of Homeland Security** and Former Colonel, New York State Police

Track 1: ISS for Lawful Interception

Monday, October 12, 2009

This track is for Telecom Operators and Law Enforcement/Intelligence/Defense Analysts who are responsible for specifying or developing lawful intercept network infrastructure.

More Info 11:00-11:30 AM **Dealing with Large Bandwidths- Future Requirements for LI**

Chris MacFarlane, President, **ETI Connect**

More Info 11:30-12:00 p.m. **Lawful Interception in Next Generation IMS and LTE Networks**

Cemal Dikmen , CTO, **SS8**

More Info 1:15-2:15 p.m. **LI for New IP Services Guru Panel**

Cemal Dikmen, CTO, **SS8**

Chris MacFarlane, President, **ETI Connect**

Todd McDermott, **Verint Systems**

Wagner Machado, Technical Manager ISS, **Suntech**

Keith Driver, Product Manager, **Telesoft Technologies**

2:45-3:45 p.m. **Best Practices Guru Panel on Deploying Full Decoding Probes and DPI for LI**

David Cooke, Area Sales Manager, **ETI Connect**

Dr. Glen Myers, CEO, **IP Fabrics**

Dr. Elan Amir, CEO, **Bivio Networks**

Klaus Mochalski, CEO, **ipoque**

Mike Coward, CTO, **Continuous Computing**

Aubrey Merchant-Dest, Senior Consulting Engineer, **QOSMOS**

More Info 4:15-4:45 p.m.

Session A **Avoiding LI Investments to Become Useless**

Benjamin Pena Isla, Marketing Manager, **Suntech**

More Info 4:15-4:45 p.m.

Session B **Deep Application-Protocol Inspection at Wire Speed**

Dr. Glen Myers, CEO, **IP Fabrics**

More Info 4:45-5:15 p.m.

Session A **Dynamic Triggering in LI**

Rudolf Winschuh, Business Development Manager, **Utimaco LIMS**

More Info 4:45-5:15 p.m.

Session B **Deep Packet Inspection as a Core Technology for Law**

Enforcement and National Security

Dr. Elan Amir, CEO, **Bivio Networks**

Tuesday, October 13, 2009

[More Info](#) 9:00-9:30 a.m.

Session A **Lawful Intercept in Cisco based Service Provider Networks**

Craig Mulholland, **Cisco Systems**

[More Info](#) 9:00-9:30 a.m.

Session B **Smart Placement of Smart DPI Probes**

Klaus Mochalski, CEO, **ipoque**

[More Info](#) 9:30-10:00 a.m.

Session A **The Challenges, Costs and the Solution to Monitoring Private Line Services.**

Jesse Price VP Sales and Marketing, **NetQuest**

[More Info](#) 9:30-10:00 a.m.

Session B **What LI can learn from Anti-SPAM, Anti-Virus, IDS/IPS and DPI Technologies**

Dirk Schrader, Sales Director, **Utimaco LIMS**

[More Info](#) 11:00-11:30 a.m.

Session A **Trends in Lawful Interception**

Dana Sugarman, Director of Strategic Marketing & Business Development, **Verint Systems**

[More Info](#) 11:00-11:30 p.m.

Session B **The Case for Intelligent Intercept Probes**

Kevin Graves, **IP Fabrics**

[More Info](#) 11:30-12:00 p.m.

Session A **Challenges and Solutions for LI in Complex IP Networks**

Chris MacFarlane, President, **ETI Connect**

[More Info](#) 11:30-12:00 p.m.

Session B **DPI Architectures for 40G and 100G: Scaling to Carrier Class Deployments**

Mike Coward, CTO, **Continuous Computing**

[More Info](#) 1:30-1:30 p.m.

Session A **Managing Virtual Identities across IP Networks**

Aubrey Merchant-Dest, Senior Consulting Engineer, **QOSMOS**

[More Info](#) 1:00-1:30 p.m.

Session B **Convergence-LI & DR: A Strategic Concept**

Alan Dubberley, VP, **Aqsacom**

[More Info](#) 1:30-2:00 p.m.

Session A **Optimizing LI Investments on IP Environments: A must.**

Benjamin Pena Isla, Marketing Manager, **Suntech**

[More Info](#) 1:30-2:00 p.m.

Session B **Focus Data Session**

Ray Green, Director, **Focus Data Services Ltd.**

[More Info](#) 3:00-3:30

p.m. **Leveraging DPI and Network Intelligence Technology to Develop Next-Generation Cyber Security Solutions**

Aubrey Merchant-Dest, Senior Consulting Engineer, **Qosmos**

More Info 3:30-4:00 p.m. **Designing and Testing 10GbE IDS systems**
Stuart Wilson, CTO, **Endace**

More Info 4:00-4:30 p.m. **DPI and VoIP, Match or Misfit for LI Demands**
Dirk Schrader, Sales Director, **Utimaco LIMS**

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More Info 8:30-9:00 a.m. **Dual Usage Strategy of Lawful Interception Systems**
Elan Sharon, **Septier**

More Info 9:00-9:30 a.m. **N-Mode Interception: Producing coherent pictures in a Multi-mode Cell Phone Environment**
Bernard Sarel, **Verint Systems**

More Info 10:00-10:30 a.m.

Session A **Multi-Dimensional Intelligence Production**
Lior Polak, Product Marketing Manager, Intelligence Solutions Division, **NICE Systems**

More Info 10:00-10:30 a.m.

Session B **Lawful IP Interception: what is good and what is bad?**
Nazareno Saguato, Presales Manager, **Area**

More Info 10:30-11:00 a.m. **The Facts and Fictions of Intercepting Webmail**
Bo Arden Kristensen, Software Developer, **ETI A/S**

More Info 11:30-12:00 p.m. **Best Practices for Scaling LI Solutions**
Morten Klinge, Sales Engineer, **ETI A/S**

More Info 12:00-12:30 p.m. **Down to Earth Satellite Interception**
Lior Polak, Product Marketing Manager, Intelligence Solutions Division, **NICE Systems**

Track 2: ISS for Criminal Investigations

Monday, October 12, 2009

This track is for Law Enforcement Agents, Intelligence and Security Analysts who have investigation responsibilities associated with telecom operator networks, cell phone forensics and electronic surveillance technologies.

11:00-11:30 AM **Challenges Facing Today's Law Enforcement Agents and Intelligence Analysts**
Tom Carr, Director, **Washington/Baltimore HIDTA**

More Info 1:15-1:45 p.m. **IP Data Acquisition - Possibilities, Risks and Opportunities**
David Cooke, Area Sales Manager, **ETI Connect**

More Info 1:45-2:15 p.m. **The Real Value of SMS Content**
Shai Issler, VP Marketing and Business Development, **NICE Systems**

More Info 2:45-3:15 p.m.

Session A **Know Your Target: Target Behavior Analytics**
Dana Sugarman, **Verint Systems**

More Info 2:45-3:15 p.m.

Session B **Communication Pattern Analysis: Innovative Intelligence Extraction**
Dan Kleinberger, Product Expert, **NICE Systems**

More Info3:15-3:45 p.m.

Session B **The Importance of Context & Insight: Solutions for Making Sense of Intercepted IP traffic**

Dirk Peeters , V.P. Business Development, **Fox-IT**

More Info4:15-5:15 p.m. **Cyberspace Money Laundering: Tool, Tricks, and Techniques**

Lieutenant Charles Cohen, **Indiana State Police**

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More Info9:00-9:30 a.m. **Meeting the Changing Dynamics, Challenges and Threats in the Cyber World**

Joe Mancusi, Vice President, Government Solutions, **Narus**

More Info9:30-10:00 a.m. **Mass Communications - Monitoring and Surveillance**

Gary Hatch, CEO, **ATCi**

More Info11:00-11:30 a.m. **Go Hybrid: Get more Value, Performance and Flexibility out of your Existing Collection/Analysis Systems**

Rodney Joffe, Chairman, **Packet Forensics**

More Info11:30-12:00 p.m. **The Distinct Roles and Values of an End-to-End IP Intercept Solution**

Valentijn Van der Meijden, Product Marketing Manager, **SS8**

More Info1:00-1:30 p.m.

Session A **How Many Needles Do You Need to Find Today?**

Henrick Schulez, CTO, **ipoque**

More Info1:00-1:30 p.m.

Session B **Convergence-LI & DR: A Strategies Concept**

Alan Dubberley, VP, **Aqsacom**

More Info1:30-2:00 p.m. **Ariadne's Thread: find Bad Guys after Years-Long Interceptions**

Riccardo Becchio, Business Development Manager, **Area**

3:00-4:30 P.M. **Cell Phone Forensics "Best Practices" Guru Panel**

William Jeitner, CEO, **BKForensics**

Bill Teel, CEO, **Teel Technologies**

Joel Bollo, CEO, **Micro Systemation**

Track 3: ISS for Data Retention and Regulatory Compliance

Tuesday, October 13, 2009

This track is for Telecom Operators and Law Enforcement, Intelligence and Defense Analysts who are responsible for Call Data Retention and Data Handoff.

More Info9:00-9:30 a.m. **Metadata Extraction and Retention for IP Applications**

Kevin McTiernan, Director, Product Management, **SS8**

More Info 9:00-10:00 a.m. **A Network-Based Approach to Data Retention**
Gilles d'Aramon, Vice President, Business Development, **QOSMOS**

More Info 11:00-11:30 a.m. **Building Blocks of a Carrier Grade Data Retention System**
Dirk Schrader, Sales Director, **Utimaco LIMS**

More Info 11:30-12:00 p.m. **Best Practices in Communications Data Retention**
Brian Bertlin, Solution Marketing DRAGON, **HP**

More Info 1:00-2:00 p.m. **Regulatory and CALEA Issues Facing Telecom Operators Deploying DPI Infrastructure**

Joel M. Margolis, Director Regulatory, **NeuStar**

Albert Gidari, Partner, **Perkins Coie LLP**

John Seiver, Partner, **Davis Wright Tremaine LLP**

3:00-4:30 p.m. **Telecom Service Providers Roundtable Discussions**
Moderator:

Mike McAdoo, President, **TeleCompliance**

Panel:

Paul W. Taylor, Manager, Electronic Surveillance, **Sprint Nextel Corporate Security**

Paul Kouroupas, VP Regulatory, **Global Crossing**

Jean Tremblay, Director, Law Enforcement Support, **Rogers Communication**

Jeanne Mulcahy, Director, **AT&T Wireless** (invited)

Andrew Seafoss, Lawful Interception Specialist, **T-Mobile USA**(invited)

Janet A. Schwabe, Subpoena Compliance Manager, **Cricket Communications** (invited)

Wednesday, October 14, 2009

8:30-9:30 **FBI/DEA/FCC Roundtable Discussion Panel**
(Panelist To Be Announced)

Track 4: ISS for Mobile Location, Surveillance and Intercept

Monday, October 12, 2009

This track is for Law Enforcement, Interior Security and the Intelligence Community who have to work with cellular and mobile satellite operators to locate targets and intercept communications.

4:15-5:15 p.m. **Mobile Location, Monitoring and Intercept Guru Panel**

Shai Issler, VP Marketing and Business Development, **NICE Systems**

Steve O'Neill, VP, Product line Management, **TruePosition**

Yochai Corem, **Verint Systems**

Keith Driver, Product Manager, **Telesoft Technologies**

Jean-Philippe LeLievre, **Thales**

Bhavin Shah, Director of Marketing and Business Development, **Polaris Wireless**

David Vincenzetti, Partner, **Hacking Team**

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More Info 9:00-9:30 a.m. **Securing Borders, Protecting Critical Infrastructure, and Solving Crimes using High Performance Wireless Location**

Intelligence

Dominic Li, VP, Portfolio Management and Marketing, **TruePosition**

More Info 9:30-10:00 a.m. **Location Technology Overview**

Steve O'Neill, VP, Product line Management, **TruePosition**

More Info 11:00-11:30 a.m. **Why Passive Intercept is Essential for Effective Large Scale Location Applications**

Keith Driver, Product Manager, **Telesoft Technologies**

More Info 11:30-12:00 p.m. **The Missing Link: "Where" are the Targets? How can they be located Accurately and Efficiently.**

Bhavin Shah, Director of Marketing & Business Development, **Polaris Wireless**

More Info 1:00-1:30 p.m. **Turning Location Data into Meaningful Intelligence**

Ori Nurick, Product Manager, Intelligence Solutions Division, **NICE Systems**

More Info 3:00-3:30 p.m. **New Solutions for Precise Location and Tactical Monitoring**

Jean-Philippe LeLievre, **Thales**

More Info 3:30-4:00 p.m. **How to Identify and Follow Your Targets, No Matter Where They Hide**

Alfonso De Gregorio, Security Advisor, **Area**

Track 5: DPI and Intelligent Probes For Lawful Interception, Network Security

Monday, October 12, 2009

This track is for telecom operators, law enforcement, intelligence analysts or just about anyone who has to understand Deep Packet Inspection (DPI) technologies, product availability, applications and legal issues facing telecom operators who deploy DPI infrastructure

More Info 11:00-12:00 p.m. **DPI "Best Practices" for Network Security**

Dr. Elan Amir, CEO, **Bivio Networks**

Joe Mancusi, Vice President, Government Solutions, **Narus**

Stuart Wilson, CTO, **Endace**

More Info 1:15-1:45 p.m. **DPI Bandwidth Management, NET Neutrality & Copyright Liability**

Klaus Mochalski, CEO, **ipoque**

More Info 1:45-2:15 p.m. **DPI "Best Practices" for Traffic Management, Shaping and Blocking Guru Panel**

Mike Coward, CTO, **Continuous Computing**

Klaus Mochalski, CEO, **ipoque**

2:45-3:45 p.m. **Best Practices Guru Panel on Deploying Full Decoding Probes and DPI for LI**

David Cooke, Area Sales Manager, **ETI Connect**

Dr. Glen Myers, CEO, **IP Fabrics**

Dr. Elan Amir, CEO, **Bivio Networks**

Klaus Mochalski, CEO, **ipoque**

Mike Coward, CTO, **Continuous Computing**

Aubrey Merchant-Dest, Senior Consulting Engineer, **QOSMOS**

More Info4:15-4:45 p.m. **Deep Application-Protocol Inspection at Wire Speed**

Dr. Glen Myers, CEO, **IP Fabrics**

More Info4:45-5:15 p.m. **Deep Packet Inspection as a Core Technology for Law Enforcement and National Security**

Dr. Elan Amir, CEO, **Bivio Networks**

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More Info9:00-9:30 a.m. **Smart Placement of Smart DPI Probes**

Jens Geier, System Architect, **ipoque**

More Info9:30-10:00 a.m. **What LI can learn from Anti-SPAM, Anti-Virus, IDS/IPS and DPI Technologies**

Dirk Schrader, Sales Director, **Utimaco LIMS**

More Info11:00-11:30 p.m. **The Case for Intelligent Intercept Probes**

Kevin Graves, **IP Fabrics**

More Info11:30-12:00 p.m. **DPI Architectures for 40G and 100G: Scaling to Carrier Class Deployments**

Mike Coward, CTO, **Continuous Computing**

More Info1:00-2:00 p.m. **Regulatory Issues Facing Telecom Operators Deploying DPI Infrastructure**

Joel M. Margolis, Director Regulatory, **NeuStar**

Albert Gidari, Partner, **Perkins Coie LLP**

John Seiver, Partner, **Davis Wright Tremaine LLP**

More Info3:00-3:30 p.m. **Leveraging DPI and Network Intelligence Technology to Develop Next-Generation Cyber Security Solutions**

Aubrey Merchant-Dest, Senior Consulting Engineer, **Qosmos**

More Info3:30-4:00 p.m. **Designing and Testing 10GbE IDS systems**

Stuart Wilson, CTO, **Endace**

More Info4:00-4:30 p.m. **DPI and VoIP, Match or Misfit for LI Demands**

Dirk Schrader, Sales Director **Utimaco LIMS**

Track 6: ISS for Intelligence Gathering and Analysis

Monday, October 12, 2009

This track is for intelligence analysis who have to gather on-time intelligence, Open Source Intelligence (OSINT), Geospatial Intelligence (GEOINT) and use the latest analysis techniques such as Visual Analytics.

More Info11:00-11:30 p.m.

Session A **Visual Analytics for Financial Crimes**

Christopher Westphal, CEO, **Visual Analytics**

11:00-3:45 p.m. **Real Crimes in Virtual Worlds (3, One Hour Sessions)**

Lieutenant Charles Cohen, **Indiana State Police**

There are over 150 virtual worlds and massive multiplayer online games, with over 200 additional expected to be released in the next year. Each is a community in which people and organizations from around the real world can interact. There are over 11 million users in World of Warcraft alone. Many virtual worlds have their own virtual economies with real-world exchange rates. As in the real world, these virtual communities have an inevitable

criminal population.

These sessions will build on each other to provide a cogent and focused picture of how criminals communicate, exchange funds, and commit crimes on these environments. This ability presents an unprecedented challenge for the Intelligence and law enforcement communities. It also presents unprecedented opportunities for exploitation by those that understand the implications of this emerging technology.

11:00-12:00 p.m. **Overview of Virtual Worlds and Massively Multi-Player Games**

1:15-2:15 p.m. **Crimes Occurring in Virtual Worlds**

2:45-3:45 p.m. **Emergent Virtual World and Cyber Crime Trends**

More Info 1:15-1:45 p.m. **Discovering Geo-Relevant Intel from Unstructured Sources**

John R. Frank, Founder & CTO, **MetaCarta**

More Info 1:45-2:15 p.m. **WEBINT: Harvesting Intelligence from the Web**
Dadi Gertler, **Verint Systems**

More Info 2:45-3:15 p.m. **A Stealth, Spyware-Based System for Attacking, Infecting and Monitoring Computers and Smartphones.**

David Vincenzetti, Partner, **Hacking Team**

4:15-5:15 p.m. **GEOINT "Best Practices" Guru Panel**

John R. Frank, Founder & CTO, **MetaCarta**

Alex Philp, Ph.D. President and CEO, **GCS Holdings**

More Info 4:15-4:45 p.m. **Investigating Real World Crimes in the Virtual World**

Dustin Best, **International Biometric Group**

Tuesday, October 13, 2009

More Info 9:00-10:00 a.m. **Visual Analytics & Information Sharing**

Christopher Westphal, CEO, **Visual Analytics**

11:00-12:00 p.m. **Virtual Analytics "Best Practices" Guru Panel**

Christopher Westphal, CEO, **Visual Analytics**

Dana Sugarman, **Verint Systems**

Paul McOwen, President, **Chiliad Federal**

1:00-2:00 p.m. **OSINT "Best Practices" Guru Panel**

William Bushee, VP Business Development, **BrightPlanet Corporation**

Lance Cottrell, Chief Scientist, **Abraxas**

Chris Biow, Chief Technologist, Federal, **Mark Logic Corporation**

Dadi Gertler, **Verint Systems**

Greg Meyer, CTO, **iJET Intelligent Risk Systems**

More Info 3:00-3:30 p.m. **Harvesting OSINT Content from "Deep Web" Sites**

William Bushee, VP Business Development, **BrightPlanet Corporation**

More Info 3:30-4:00 p.m. **OSINT "Best Practices"**

Chris Biow, Chief Technologist, Federal, **Mark Logic Corporation**

More Info 4:00-4:30 p.m. **Gathering Open Source Intelligence Anonymously**

Lance Cottrell, Chief Scientist, **Abraxas**

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More Info 10:00-11:00 a.m. **Discover Hidden Insights in Your Data Using Interactive Analytics**

Tony Agresta, Vice President, Marketing, **Centrifuge Systems**

More Info 11:30-12:00 a.m. **Emancipating Intelligence & Safeguarding Civil Liberties**

Dr. Alex Karp, CEO, **Palantir Technologies**

Track 7: LEA, Intelligence and Defense Analyst Training and Product Demonstration Track

Monday, October 12, 2009

This training and product demonstration track is open only to Law Enforcement, Intelligence, Defense Analysts and other Government Executives.

More Info 11:00-12:00 p.m.

Session A **Covert Intercepts in High-Stakes Environments**

Victor Oppleman, President, **Packet Forensics**

More Info 11:00-12:00 p.m.

Session B **Building Fixed & Mobile Tactical State-Of-Art Audio Video Forensic Laboratories**

David William Robinson, **DWR & Associates**

More Info 1:15-2:15 p.m.

Session A **Application Targeting and Traffic Analysis: The Future of Lawful Intercept**

Paul Zoda, Director, Federal Engineering, **Narus**

More Info 1:15-2:15 p.m.

Session B **Salient Stills Product Demo - Fast, Straight-Forward Video Forensics for in-field and in-lab Video Retrieval and Analysis.**

Laura Teodosio, CEO, **Salient Stills**

Jeff Hunter, CTO, **Salient Stills**

More Info 2:45-3:45 p.m.

Session A **THREADS(TM) Training on Next Generation of Communication Records Analysis**

Michael McAdoo, President, **TeleCompliance**

More Info 2:45-3:45 p.m.

Session B **Location Tracking Training**

Ori Nurick, **NICE Systems**

More Info 4:15-5:15 p.m.

Session A **FinFisher IT Intrusion Suite**

MJM, **Gamma Group**

More Info 4:15-5:15 p.m.

Session B **Integrated Communication Monitoring of IP and Telephony (demonstration & workshop)**

Henrik Dalby Kristiansen, Strategic Product Manager, **ETI A/S**

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More Info 9:00-10:00 a.m.

Session A **Cell Phone Call and Cell Tower Records for Investigators**
Brent Bailey, Director, **Cellular Data Resources, LLC**

More Info 9:00-10:00 a.m.

Session B **Communication Pattern Analysis Training**
Dan Kleinberger and Lior Polak, **NICE Systems**

More Info 11:00-12:00 p.m.

Session A **Demonstration of Network Information Extraction Engine for Lawful Interception**

Aubrey Merchant-Dest, Senior Consulting Engineer, **QOSMOS**

More Info 11:00-12:00 p.m.

Session B **FoxReplay Analyst: When viewing internet intercepts is as simple as using the Internet itself**

Dirk Peeters, V.P. Business Development, **Fox-IT**

More Info 1:00-2:00 **Pen Register and Title III Internet Intercepts**
Kevin Graves, **IP Fabrics**

More Info 3:00-4:00 p.m. **REMOTE CONTROL SYSTEM v6: The ULTIMATE WEAPON for attacking and covertly monitoring PCs and Smartphones. LIVE DEMO: Targeting Windows, Windows Mobile, Mac and iPhone platforms.**

David Vincenzetti, Partner, Hacking Team and Valeriano Bedeschi, Partner, **Hacking Team**

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8:30-9:30 a.m. **An Integrated Platform for all your Lawful Interception Activities**

Starting from a real case-study, the main features of MCR will be demonstrated. This complete Monitoring Center offers integrated applications to capture and analyze data from any source of transmission. All LI activities and services are integrated into one platform, user friendly, highly scalable and customizable to meet all LEAs requirements.

Emanuele Marcozzi, Product Engineer, **Area**

10:00-11:00 a.m. **The Challenges of Application Decoding**

Peter Juhl, Data Decoding Specialist, **ETI A/S**

11:30-12:30 p.m. **Product Demo of Accurate Location Technologies**

Yochai Corem, **Verint Systems**

Enhancing Investigations with Telephonic Information

Presented by: Robert Lottero, President, NTI Law Enforcement Services

This two, half day training seminar is for Law Enforcement Agents and Intelligence Analysts.

Tuesday, October 13, 2009

1:00-2:00 PM **What Can be Done With Telephone Info: Call And Billing Receipt, Etc.**

3:00-4:00 PM **Legal Paper, Court Orders And Subpoenas**

4:00-4:30 PM **Telephone Sting Operations**

Wednesday, October 14, 2009

8:30-9:30 AM **Throw-away Cell Phones, Text Messaging And E-Mail Intercept**

10:00-11:00 AM **Tracing Calls**

11:30-12:30 PM **Exploiting Prepaid Telephone Calling Cards
Certificate Available for 6 Hours of LEA Training Upon Request**

Cellular Telephone Location

Presented by: Breck McDaniel, President, **Geocell, LLC**
(Breck McDaniel also holds the position of Sergeant, **Houston Police Department**)

8:30 a.m.-12:30 p.m. (Three, One Hour Sessions)

CERTIFICATE OF TRAINING ATTENDANCE (3 HOURS) AVAILABLE UPON REQUEST

8:30-9:30 a.m. **Why And How To Attempt to Locate a Cellular Telephone in Law Enforcement**

This one hour session will provide a basic introduction to cellular telephone location in law enforcement. The presentation will focus on:

- The "why's" to attempt to locate and if you should try to locate?
- The basic "how's" to track
- Other considerations including financial issues, legal issues, available resources, etc.

10:00-11:00 a.m. **Working With Cellular Phone Companies And Their Current Capabilities**

11:30-12:30 p.m. **How To Locate Cell Phones via The "Poor Man's Method" and the "Rich Man's Method"**

Mobile Phone Seizure Certification

Presented by: **BK Forensics**

8:30 a.m.-12:30 p.m. (Three, One Hour Sessions)

This Mobile Phone Seizure Certification Training is supported by the National Institute of Justice (NIJ) and the Electronics Crimes Partnership Initiative (ECPI). The training is designed for first responders who will encounter and have a need to seize cellular telephones in the course of their day.

Topics Addressed:

- Cellular Phones As Evidence and how to protect the evidence
- How To document and transport the evidence
- Sources of evidence on a phone
- Hardware and Software used to forensically analyze the phone

- Methodologies used to forensically analyze the phone

This training session ends with a written exam; upon successful completion the attendees will receive a numbered certificate that identifies them as passing.

Pre-Conference Seminar: Understanding Telecommunications Technologies for LEA Investigators and Intelligence Analysts

Sunday, October 11, 2009 (Seminar Held at Marriott at Metro Center)

9:00 - 4:30 p.m. Presented By:

Dr. Jerry Lucas, President, TeleStrategies and Klaus Mochalski, CEO, ipoque

This pre-conference seminar is for law enforcement, interior security and intelligence analysts who have to understand telecommunications technology buzz words and jargon in order to communicate with telecom operator engineers regarding their Intelligence Support System (ISS) requirements regarding lawful interception, investigative analysis and intelligence gathering with intercept case study challenges. Seminar sessions include:

9:00 - 10:30a.m. **Wireline Telecom Infrastructure and Interception**

PSTN Basics: What do LEAs need to know about the public switched telecommunications network, circuit switching, fiber optics, SS7, SDH, DSL, billing systems and call detail records.

Intercept LI Architectures: ETSI standards overview for lawful intercept, basic LI elements (access, delivery and collection function), call information and call content data collection, SS7 probes and relevant telecom network elements.

VOIP Infrastructure: Circuit Switching vs. VoIP, SIP, SoftSwitches, Gateways, VoIP over Broadband, DSLAM's and PSTN Interconnection.

Case Studies:

Understanding the Vanishing CDR issue

Understanding the Challenges of VoIP Intercept

10:45 - 12:00p.m. **Mobile Wireless Infrastructure and Interception**

Overview: Infrastructure basics (GSM, GPRS, EDGE, UMTS, HSPA and LTE), Wi-Fi, WiMax and Femtocells.

Call Processing: How a cellular call is processed, back office infrastructure, HLR, VLR, Backhaul and PSTN interconnection.

Data Services And New Developments: SMS, MMS, EM, data services, fixed mobile convergence and IMS.

Wireless Location: The basics of mobile wireless location technologies, A-GPS, AOA, TDOA, U-TDOA, WLS and location accuracy.

Case Studies:

Understanding Fixed Mobile Convergence Challenges

Wi-Fi Intercept Challenges

Challenges of Transforming Wireless Location Data Into Actionable Intelligence

Understanding Precise Location Challenges

1:00 - 2:30p.m. **The Internet and Lawful Interception**

What Investigators Have To Know about IP call Identifying Information, Radius, DHCP, DNS, etc. and Tracking an Internet Address to a Source, Investigations Involving E-Mail, Websites, Instant Messaging, Chat Rooms and Message Boards.

Case Studies:

Mass IP Monitoring Challenges

IP MetaData Challenges

E-Identity Discovery Challenges

3:00-4:30 p.m. **IP Packet Intercept and Investigation**

What Investigators Have to Know about Telecom Operator Packet Activity Reporting, Port Information, CII, Timestamps, SIP, and IP Tapping, and Investigations involving Peer to Peer File Sharing Networks, File Transfer Protocols, Gnutella, BiTorrent, eDonkey, Skype Issues and Deep Packet Inspection

Case Studies:

Application Decoding Challenges

P2P Intercept Challenges

Encryption Challenges

Certificate of Seminar Training (6 Hours) Available Upon Request

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