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**

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

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

Session A Avoiding LI Investments to Become Useless
Benjamin Pena Isla, Marketing Manager, Suntech

Session B Deep Application-Protocol Inspection at Wire Speed
Dr. Glen Myers, CEO, IP Fabrics

Session A DynamicTriggering in LI
Rudolf Winschuh, Business Development Manager, Utimaco LIMS

Session B Deep Packet Inspection as a Core Technology for Law
| Session A | Lawful Intercept in Cisco based Service Provider Networks  
Craig Mulholland, **Cisco Systems** |
|-----------------|--------------------------------------------------|
| Session B | Smart Placement of Smart DPI Probes  
Klaus Mochalski, CEO, **ipoque** |
| Session A | The Challenges, Costs and the Solution to Monitoring Private Line Services.  
Jesse Price VP Sales and Marketing, **NetQuest** |
| Session B | What LI can learn from Anti-SPAM, Anti-Virus, IDS/IPS and DPI Technologies  
Dirk Schrader, Sales Director, **Utimaco LIMS** |
| Session A | Trends in Lawful Interception  
Dana Sugarman, Director of Strategic Marketing & Business Development, **Verint Systems** |
| Session B | The Case for Intelligent Intercept Probes  
Kevin Graves, **IP Fabrics** |
| Session A | Challenges and Solutions for LI in Complex IP Networks  
Chris MacFarlane, President, **ETI Connect** |
| Session B | DPI Architectures for 40G and 100G: Scaling to Carrier Class Deployments  
Mike Coward, CTO, **Continuous Computing** |
| Session A | Managing Virtual Identities across IP Networks  
Aubrey Merchant-Dest, Senior Consulting Engineer, **QOSMOS** |
| Session B | Convergence-LI & DR: A Strategic Concept  
Alan Dubberley, VP, **Aqsacom** |
| Session A | Optimizing LI Investments on IP Environments: A must.  
Benjamin Pena Isla, Marketing Manager, **Suntech** |
| Session B | Focus Data Session  
Ray Green, Director, **Focus Data Services Ltd.** |
| 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** |
Wednesday, October 14, 2009

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<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>8:30-9:00 a.m.</td>
<td>Dual Usage Strategy of Lawful Interception Systems</td>
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<td>Elan Sharon, Septier</td>
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<tr>
<td>9:00-9:30 a.m.</td>
<td>N-Mode Interception: Producing coherent pictures in a Multi-mode Cell Phone Environment</td>
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<td>Bernard Sarel, Verint Systems</td>
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<tr>
<td>10:00-10:30 a.m.</td>
<td>Multi-Dimensional Intelligence Production</td>
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<td>Lior Polak, Product Marketing Manager, Intelligence Solutions Division, NICE Systems</td>
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<tr>
<td>10:00-10:30 a.m.</td>
<td>Lawful IP Interception: what is good and what is bad?</td>
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<td>Nazareno Saguato, Presales Manager, Area</td>
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<tr>
<td>10:30-11:00 a.m.</td>
<td>The Facts and Fictions of Intercepting Webmail</td>
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<td>Bo Arden Kristensen, Software Developer, ETI A/S</td>
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<tr>
<td>11:00-12:00 p.m.</td>
<td>Best Practices for Scaling LI Solutions</td>
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<td>Morten Klinge, Sales Engineer, ETI A/S</td>
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<tr>
<td>12:00-12:30 p.m.</td>
<td>Down to Earth Satellite Interception</td>
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<td>Lior Polak, Product Marketing Manager, Intelligence Solutions Division, NICE Systems</td>
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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 HI DTA

<table>
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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>1:15-1:45 p.m.</td>
<td>IP Data Acquisition - Possibilities, Risks and Opportunities</td>
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<td>David Cooke, Area Sales Manager, ETI Connect</td>
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<tr>
<td>1:45-2:15 p.m.</td>
<td>The Real Value of SMS Content</td>
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<td>Shai Issler, VP Marketing and Business Development, NICE Systems</td>
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<tr>
<td>2:45-3:15 p.m.</td>
<td>Communication Pattern Analysis: Innovative Intelligence Extraction</td>
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<td>Dan Kleinberger, Product Expert, NICE Systems</td>
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<tr>
<td>2:45-3:15 p.m.</td>
<td>Communication Pattern Analysis: Innovative Intelligence Extraction</td>
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<td>Dana Sugarman, Verint Systems</td>
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<tr>
<td>2:45-3:15 p.m.</td>
<td>Communication Pattern Analysis: Innovative Intelligence Extraction</td>
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<td>Dan Kleinberger, Product Expert, NICE Systems</td>
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</tbody>
</table>
More Info 3:15-3:45 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 Info 4:15-5:15 p.m. Cyberspace Money Laundering: Tool, Tricks, and Techniques
Lieutenant Charles Cohen, Indiana State Police

Tuesday, October 13, 2009

Meeting the Changing Dynamics, Challenges and Threats in the Cyber World
Joe Mancusi, Vice President, Government Solutions, Narus

More Info 9:30-10:00 a.m. Mass Communications - Monitoring and Surveillance
Gary Hatch, CEO, ATCi

Go Hybrid: Get more Value, Performance and Flexibility out of your Existing Collection/Analysis Systems
Rodney Joffe, Chairman, Packet Forensics

The Distinct Roles and Values of an End-to-End IP Intercept Solution
Valentijn Van der Meijden, Product Marketing Manager, SS8

More Info 11:00-1:30 p.m.
Session A How Many Needles Do You Need to Find Today?
Henrick Schulez, CTO, ipoque

Session B Convergence-LI & DR: A Strategies Concept
Alan Dubberley, VP, Aqsacom

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 Info 9:00-9:30 a.m. Metadata Extraction and Retention for IP Applications
Kevin McTiernan, Director, Product Management, SS8
### 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.

<table>
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<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>4:15-5:15 p.m</td>
<td><strong>Mobile Location, Monitoring and Intercept Guru Panel</strong></td>
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<td></td>
<td>Shai Issler, VP Marketing and Business Development, <strong>NI CE Systems</strong></td>
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<td>Steve O'Neil, VP, Product line Management, <strong>TruePosition</strong></td>
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<td>Yochai Corem, <strong>Verint Systems</strong></td>
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<td>Keith Driver, Product Manager, <strong>Telesoft Technologies</strong></td>
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<td>Jean-Philippe LeLievre, <strong>Thales</strong></td>
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<td>Bhavin Shah, Director of Marketing and Business Development, <strong>Polaris Wireless</strong></td>
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<td>David Vincenzetti, Partner, <strong>Hacking Team</strong></td>
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**Tuesday, October 13, 2009**

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<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>9:00-9:30 a.m</td>
<td><strong>Securing Borders, Protecting Critical Infrastructure, and Solving Crimes using High Performance Wireless Location</strong></td>
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<tr>
<td>Time</td>
<td>Session Title</td>
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<tr>
<td>9:30 a.m.</td>
<td>Location Technology Overview</td>
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<td>11:00 a.m.</td>
<td>Why Passive Intercept is Essential for Effective Large Scale Location Applications</td>
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<tr>
<td>11:30 a.m.</td>
<td>The Missing Link: &quot;Where&quot; are the Targets? How can they be located Accurately and Efficiently.</td>
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<tr>
<td>1:00 p.m.</td>
<td>Turning Location Data into Meaningful Intelligence</td>
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<tr>
<td>3:30 p.m.</td>
<td>New Solutions for Precise Location and Tactical Monitoring</td>
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<tr>
<td>11:00 a.m.</td>
<td>DPI &quot;Best Practices&quot; for Network Security</td>
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<tr>
<td>1:15 p.m.</td>
<td>DPI Bandwidth Management, NET Neutrality &amp; Copyright Liability</td>
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<tr>
<td>1:45 p.m.</td>
<td>DPI &quot;Best Practices&quot; for Traffic Management, Shaping and Blocking Guru Panel</td>
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<tr>
<td>2:45 p.m.</td>
<td>Best Practices Guru Panel on Deploying Full Decoding Probes and DPI for LI</td>
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**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.

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Presenters</th>
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<tr>
<td>11:00 a.m.</td>
<td>DPI &quot;Best Practices&quot; for Network Security</td>
<td>Dr. Elan Amir, CEO, Bivio Networks</td>
</tr>
<tr>
<td>1:15 p.m.</td>
<td>DPI Bandwidth Management, NET Neutrality &amp; Copyright Liability</td>
<td>Klaus Mochalski, CEO, ipoque</td>
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<tr>
<td>1:45 p.m.</td>
<td>DPI &quot;Best Practices&quot; for Traffic Management, Shaping and Blocking Guru Panel</td>
<td>Mike Coward, CTO, Continuous Computing</td>
</tr>
<tr>
<td>2:45 p.m.</td>
<td>Best Practices Guru Panel on Deploying Full Decoding Probes and DPI for LI</td>
<td>David Cooke, Area Sales Manager, ETI Connect</td>
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**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
More Info 4:15-4:45 p.m. **Deep Application-Protocol Inspection at Wire Speed**  
Dr. Glen Myers, CEO, **IP Fabrics**

More Info 4:45-5:15 p.m. **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. **Smart Placement of Smart DPI Probes**  
Jens Geier, System Architect, **Ipoque**

More Info 9:30-10:00 a.m. **What LI can learn from Anti-SPAM, Anti-Virus, IDS/IPS and DPI Technologies**  
Dirk Schrader, Sales Director, **Utimaco LIMS**

More Info 11:00-11:30 a.m. **The Case for Intelligent Intercept Probes**  
Kevin Graves, **IP Fabrics**

More Info 11:30-12:00 p.m. **DPI Architectures for 40G and 100G: Scaling to Carrier Class Deployments**  
Mike Coward, CTO, **Continuous Computing**

More Info 1:00-2:00 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 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**

**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 Info 11:00-11:30 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. WEBIN: 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

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. OSI NT “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 OSI NT Content from "Deep Web" Sites
William Bushee, VP Business Development, BrightPlanet Corporation

More Info:
3:30-4:00 p.m. OSI NT “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
Wednesday, October 14, 2009

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, **NI CE Systems**

More Info 4:15-5:15 p.m. Session A **FinFisher IT Intrusion Suite**
M J M, **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**

Tuesday, October 13, 2009
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

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

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

Wednesday, October 14, 2009

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
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 - 10:30 a.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 - 12:00 p.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 - 2:30 p.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**


**Case Studies:**
- Application Decoding Challenges
- P2P Intercept Challenges
- Encryption Challenges

**Certificate of Seminar Training (6 Hours) Available Upon Request**

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