TeleStrategies

ISS World Europe

2-4 June, 2010   Prague, CZ

Register Online!

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

ISS World® Europe is the world's largest gathering of European Telecom Operators, Law Enforcement, Intelligence and Defense Analysts 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.

Conference Tracks

Track 1ISS for Lawful Interception
Track 2ISS for Criminal Investigation and Intelligence Gathering
Track 3ISS for Data Retention and LEA Handoff
Track 4ISS for Mobile Location, Surveillance and Intercept
Track 5LEA, Intelligence and Defense Analyst Training and Product Demonstration
Pre-Conference Seminar Understanding Telecommunications Technologies for LEA Investigators and Intelligence Analysts with Case Studies of Intercept Challenges

Pre-Conference Seminar

9:00 - 16:30
Tuesday, 2 June 2009**Understanding Telecommunications Technologies for LEA Investigators and Intelligence Analysts**

ISS World Exhibits

Thursday, 4 June 2009 - 11:00 to 18:30

Friday, 5 June 2009 - 9:30 to 12:30

ISS World Conference Opening

8:30 - 8:45 AM**Welcoming Remarks**
Speaker: Tatiana Lucas **ISS World Program Director**

More Info8:45 - 10:15 AM**Top Ten Internet Challenges Facing Law Enforcement, Interior Security and the Intelligence Community**
Speaker: Moderator: Dr. Jerry Lucas, President, **TeleStrategies**

Track 1: ISS for Lawful Interception

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

Wednesday, 3 June 2009

More Info10:45 - 11:45**Lawful Interception Guru Panel**

More Info13:15 - 13:45 Session A**Distributed VoIP Networks Creating More Complex Call Flows**
Speaker: Erik De Bueger, Sales Director Northern Europe, **SS8 Networks**

More Info13:15 - 13:45 Session B**Hiding In The Crowd - How To Anonymously Communicate In The Internet**
Speaker: Hendrik Schulze, CTO, **ipoque**

More Info13:45 - 14:15 Session A**Managing Virtual Identities across IP Networks**
Speaker: Jean-Philippe Lion, VP, EMEA Sales, **Qosmos**

More Info13:45 - 14:15 Session B**Network Convergence - New LI challenges**
Speaker: Michael Eisenschmid, Head of Product Management, trovicor GmbH

More Info14:45 - 15:15 Session A**Extracting Intelligence from Mobile Packet Data**
Speaker: Keith Driver, Business Development Manager, **Telesoft Technologies**

More Info14:45 - 15:15 Session B**Monitoring Center: Implementations of Satellite Interception**
Speaker: Shai Issler, VP Marketing and Business Development, **NICE Systems**

More Info15:15 - 15:45 Session A**The Importance of Context & Insight: Solutions for Making Sense of Intercepted IP traffic**
Speaker: Bert Hubert, CIO, **Fox-IT**

More Info15:15 - 15:45 Session B**Overview of 4G WIMAX and LTE Technologies and their implications on Lawful**

Interception
Speaker: Baruch Pinto, Product Manager, **Verint Systems**

More Info16:15 - 16:45 Session A**Dynamic Triggering in LI**
Speaker: Rudolf Winschuh, Business Development Manager, **Utimaco LIMS**

More Info16:15 - 17:15 Session B**Global Interception Solutions**
Speaker: Heiko Nissen, Head of Sales Europe, **trovicor GmbH**

More Info16:45 - 17:15 Session A**Expanding Lawful Interception: Know All About Technological Challenges, Latest Trends And How To Optimize Investments**
Speaker: Benjamin Pena Isla, Marketing Manager, Suntech

Thursday, 4 June 2009

More Info10:00 - 10:30**DPI Architectures for 40G and 100G: Scaling to Carrier Class Deployments**
Speaker: Mike Coward, CTO, **Continuous Computing**

More Info10:30 - 11:00**Boosting Lawful Intercept Performance on IP Networks**
Speaker: Dr. Elan Amir, President and CEO, **Bivio Networks**

More Info13:00 - 13:30
Session A**Dealing with the Deluge of Data in the Cloud**
Speaker: Peder Jungck, CTO and founder, **CloudShield**

More Info13:00 - 13:30
Session B**Lawful Interception the Bigger Picture**
Speaker: Dennis Snijder, Corporate Development Advisor, **Group 2000 Nederland B.V.**

More Info13:30 - 14:00
Session A**Dealing with Large Bandwidths - Future Requirements for LI**
Speaker: Chris MacFarlane, President, **ETI Connect**

More Info13:30 - 14:00
Session B**Lawful IP Interception: what is good and what is bad?**
Speaker: Nazareno Saguato, Presales Manager, **AREA**

More Info14:45 - 15:15 Session A**Lawful Interception beyond VoIP: IMS and OTT**
Speaker: Frederic Kermade, Senior Manager Marketing Wireline Networks, **Alcatel-Lucent**

More Info14:45 - 15:15 Session B**Let's Make the Marriage of LEAs and Telecommunication Providers Smooth**
Speaker: Balazs Szebelledy, **NETI IT Consulting**

More Info15:15 - 15:45 Session A**Challenges and Solutions for LI in Complex IP Networks**
Speaker: Chris MacFarlane, President, **ETI Connect**

More Info15:15 - 15:45 Session B**Facing Criminal Communications: New challenges at 10 Gigabit**
Speaker: Ugo Santillo, **IPS Intelligence & Public Security S.p.A.**

More Info16:30 - 17:00

Session A**Why LI Probes Need To Become Smarter**
Speaker: Klaus Mochalski, CEO, **ipoque**

More Info16:30 - 17:00

Session B**Dual Usage Strategy of Lawful Interception Systems**
Speaker: Elan Sharon, **Septier**

More Info17:00 - 17:30

Session A**Efficient Broadband Interception**
Speaker: Alessandro Mordacci, Senior Advisor, **Ericsson**

More Info17:00 - 17:30

Session B**COTS building blocks for cost-effective LI, Data Retention & other IP Monitoring Solutions**
Speaker: Stig Bang ,Sales Director, **Napatech A/S**

Friday, 5 June 2009

More Info8:30 - 9:00 Session A**LifeCycle Management™ Care for MC customers**
Speaker: Larry Stewart, Program Manager LifeCycle Management™, **trovicor GmbH**

More Info8:30 - 9:00 Session B**Things that your LI vendor never told you**
Speaker: Manohar Katoch, Director-Business Development, **ClearTrail Technologies**

More Info9:00 - 9:30 Session A**SIP Interception According 3GPP**
Speaker: Bernhard Spalt, **Siemens IT Solutions and Services**

More Info9:00 - 9:30 Session B**Smart features that your LI System must have**
Speaker: Anand Bhargava, Director-Technology, **ClearTrail Technologies**

More Info 10:00 - 10:30 **Implementing a User Centric Intelligence Approach**

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

More Info 10:30 - 11:00 **The security challenges in an evolving Telecom Landscape and how to handle them**

Speaker: Michael O'Kelly, Solution Architect, **Ericsson**

More Info 11:30 - 12:00 **IPv6 and Lawful Interception**

Speaker: Pawel Stefanek, Regional Product Manager MEA, **trovicor GmbH**

More Info 12:00 - 12:30 **One is enough ...**

... combining LI, Mediation & Data Retention in IP-networks

Speaker: Thomas Fischer Key Account Manager, **GTEN/DATAKOM**

Track 2: ISS World Criminal investigation and Intelligence Gathering

NOTE: This track is for Law Enforcement Agents, Intelligence and Security Analysts who have investigation and intelligence analysis responsibilities associated with telecom operator networks, electronic surveillance technologies and information sharing.

Wednesday, 3 June 2009

More Info 10:45 - 11:15 Session A **Application-Oriented Decoding Solutions**

Speaker: Alessandro Guida, **ATIS systems**

More Info 10:45 - 11:15 Session B **Understanding and Tackling International Organized Crime: the new age of Data Exploitation**

Speaker: Imam Hoque, Senior Director, **Detica**

More Info 11:15 - 11:45 Session A **Unlawful Interception Solutions: Do You Need Them?**

Speaker: Karanvir Singh, President, **Kommlabs**

More Info 11:15 - 11:45 Session B **Internet interception - Time for a Paradigm Shift?**

Speaker: Yuval Altman, Director of Product Management, **Verint Systems**

More Info 13:15 - 14:15 **Investigation and Intelligence Gathering Guru Panel**

More Info 14:45 - 15:15 Session A **Profiling - the key to Identifying the Unknown Target/s**

Speaker: Vincent Barry, Vice President Sales and Marketing, **ThorpeGlen**

More Info14:45 - 15:15 Session B**Beyond Standard Active Monitoring**
Speaker: Jesper Mathiesen, Head of Solution Sales, **trovicor GmbH**

More Info15:15 - 15:45 Session A**The Distinct Roles and Values of an End-to-End IP Intercept Solution**
Speaker: Valentijn Van der Meijden, Marketing Field Manager, **SS8 Networks**

More Info15:15 - 15:45 Session B**So you have all this Data: what now?**
Speaker: James Hodge, **i2 Ltd**

More Info16:15 - 16:45**Tactical Lawful Intercept**
Speaker: Narinder Dulai, Sales Director, **Cobham Surveillance**

More Info16:45 - 17:15**Massive Monitoring versus Targeted Monitoring: do you really need to choose?**
Speaker: Jean-Philippe, Lelievre, **THALES Land & Joint Systems**

Thursday, 4 June 2009

More Info8:30 - 9:00
Session A**Cost of Ownership - How to Avoid Wasting Money on Your Monitoring Solution**
Speaker: Bernd Fiedler, **ATIS systems**

More Info8:30 - 9:30
Session B**Understanding Voice Biometric Speaker Identification for Criminal Investigators and Intelligence Gathering**
Speaker: Emilio Martinez, CEO, **Agnitio**

More Info9:00-9:30
Session A**Enhanced LEMF Architecture**
Speaker: Alan Dubberley, VP, **Aqsacom**

More Info10:00-10:30
Session A**Intercepting both terrestrial and satellite networks on a single platform**
Speaker: Andre Scholtz, **VASTech SA (Pty) Ltd**

More Info10:00-10:30
Session B**Complex Identification Decision Based on Several Independent Speaker Recognition Methods**
Speaker: Ilya Oparin, Scientific Advisor, **Speech Technology Center**

More Info10:30 - 11:00 Session A**State-of the-Art Forensic and Intelligence Voice Biometrics Implementations**
Speaker: Christian Moreno, Business Development Manager, **Agnitio**

More Info 10:30 - 11:00 Session B **Go Hybrid: Get more Value, Performance and Flexibility out of your Existing Collection/Analysis Systems**
Speaker: Rodney Joffe, Chairman, **Packet Forensics**

More Info 13:00 - 13:30 **Life Behind the Firewall - Is Your Monitoring Centre Secure?**
Speaker: Alessandro Guida, **ATIS systems**

More Info 13:30 - 14:00 **What LI can learn from Anti-SPAM, Anti-Virus, IDS/IPS and DPI technologies**
Speaker: Dirk Schrader, Sales Director, **Utimaco LIMS**

More Info 14:45 - 15:15 **Remote Forensic Software**
Speaker: Michael Thomas, **DigiTask**

More Info 15:15 - 15:45 **A Stealth, Spyware-Based System for Attacking, Infecting and Monitoring Computers and Smartphones. Full intelligence on target users even for encrypted communications (Skype, PGP, secure web mail, etc.)**
Speaker: David Vincenzetti, Partner, **Hacking Team**

More Info 16:30-17:00 **Speech Intelligence for Security and Defense**
Speaker: Ing. Pavel Matejka, CEO, **Phonexia**

More Info 17:00-17:30 **Decryption solutions: GSM, Thuraya and new challenges to come**
Speaker: Ronen Yashvitz, VP Business development & Sales, **Gita Technologies Ltd.**

Friday, 5 June 2009

More Info 8:30 - 9:00 **The Real Value of SMS Content**
Speaker: Meron Colbeci, Product Manager, **NICE Systems**

More Info 9:00 - 9:30 **Collection and Analysis of Mass Telecommunication Information**
Speaker: Ronnie Eilat, Product Manager, **Verint Systems**

More Info 10:00-10:30 **New Platform for Tactical Monitoring**
Speaker: Jean-Philippe, Lelievre, **THALES Land & Joint Systems**

More Info 10:30-11:00 **Ariadne's thread: Find Bad Guys after years-long Interceptions**
Speaker: Riccardo Becchio, Business Development Manager, **AREA**

Track 3: ISS for Data Retention and LEA Handoff

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

Wednesday, 3 June 2009

More Info 13:15 - 13:45 **The Data Retention pitfalls... and how to avoid them**
Speaker: Pompeo Santoro, Strategic Product Manager, **Ericsson**

More Info 13:45 - 14:15 **Building Blocks of a Carrier Grade Data Retention System**
Speaker: Martin Stange, Sales Director, **Utimaco LIMS**

More Info 14:45 - 15:15 **Data Retention Guru Panel**

More Info 16:15 - 16:45 **Data Retention - Garbage In and Garbage Out?**
Speaker: Nagui Erian, **ATIS systems**

More Info 16:45 - 17:15 **The Data Retention TCO Operator Business Case**
Speaker: Pompeo Santoro, Strategic Product Manager, **Ericsson**

Thursday, 4 June 2009

More Info 8:30 - 9:00 **On Target - Meeting Evolving Disclosure Demands 100% of the Time**
Speaker: Duncan Pauly, Founder and Chief Technology Officer, **CopperEye**

More Info 9:00 - 9:30 **Data Retention as the Foundation of the Intelligence Support Systems Solution**
Speaker: Guglielmo Caruso, HP DRAGON Chief Architect, **Hewlett Packard Company**

More Info 10:00 - 10:30 **Successfully Implementing Data Retention In Europe: Understanding Everything That Is Involved and How To Optimize Investments**
Speaker: Luis Alves, VP Business Development EMEA, **Suntech**

More Info 10:30 - 11:00 **Analyzing Historical Data by LEA**
Speaker: Dadi Gertler, Director of Marketing & Business Development, ViewLinks, **Verint Systems**

More Info 13:00 - 13:30 **A Network-Based Approach to Data Retention**
Speaker: Erik Larsson, VP Marketing, **Qosmos**

More Info 13:30 - 14:00 **Making Substantial Savings from Automating Police Requests**
Speaker: Ray Green, Director, **Focus Data Services Ltd**

More Info 14:45 - 15:15 **Intelligence Production from Data Retention Sources**
Speaker: Meron Colbeci, Product Manager, **NICE Systems**

More Info 15:15 - 15:45 **Data Retention as Valuable Analysis Tool**
Speaker: Jesper Mathiesen, Head of Solution Sales, **trovicor GmbH**

More Info 16:30 - 17:30 **ETSI Activities on Retained Data Handling & Lawful Interception Standardisation**
Speaker: Peter Van de Arend, Chairman, **ETSI/TC LI**

Friday, 5 June 2009

More Info 11:30 - 12:00 **Data Retention**
Speaker: Gerhard Seiser, Sales LE solutions, **Siemens AG Austria**

Track 4: ISS for Mobile Location, Surveillance and Intercept

NOTE: 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.

Wednesday, 3 June 2009

More Info 13:15 - 13:45 **Geographic Profiling - Deep analysis of massive amounts of Location Track data**
Vincent Barry, VO Sales and Marketing, **ThorpeGlen**

More Info 13:45 - 14:15 **Efficient Combination of Lawful Interception and Positioning**
Sten Lundell, Senior Sales Manager, **Ericsson**

More Info 16:15 - 17:15 **Mobile Location, Monitoring and Intercept Guru Panel**

Thursday, 4 June 2009

More Info 8:30 - 9:00 **IsatPhone- Inmarsat's New Global Mobile Satellite Phone Service**
Speaker: Richard Grundy, **L-3 TRL**

More Info9:00 - 9: 30**How to Identify and Follow Your Targets, No Matter Where They Hide**
Speaker: Alfonso De Gregorio, Security Advisor, **AREA**

More Info10:00 - 10:30**Securing Borders, Protecting Critical Infrastructure, and Solving Crimes using High Performance Wireless Location Intelligence**
Speaker: Dominic Li, VP, Portfolio Management & Marketing, **TruePosition**

More Info10:30 - 11:00**Location Technology Overview for Mission-Critical Applications**
Speaker: Steve O'Neill, VP, Product Line Management, **TruePosition**

More Info13:00 - 14:00**The Missing Link: "Where" are the Targets? How can they be Located Accurately and Efficiently?**
Speaker: Bhavin Shah, Director Marketing and Business Development, **Polaris Wireless**

More Info14:45 - 15:15**Advancements in Passive GSM Interception and Geo-location**
Speaker: Offer Sharon, Special Comint Systems Manager, **ELTA Systems**

More Info15:15 - 15:45**Location Technologies and Operational Vision in a Lawful Interception Environment**
Speaker: Yochai Corem, Product Manager, **Verint Systems**

More Info16:30 - 17:00**Turning Location Data into Meaningful Intelligence**
Speaker: Meir Veisberg, Product Expert, **NICE Systems**

More Info17:00 - 17:30**Challenges in Intercepting WiFi**
Tobias Hain, DigiTask

Track 5: LEA, Intelligence and Defense Analyst Training and Product Demonstration Track

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

Wednesday, 3 June 2009

More Info10:45 - 11:45 Session A**Profiling Beyond Telecommunications Data - Deep analysis of massive amounts of Telecoms, Travel and Financial data**
Speaker: Vincent Barry, Vice President Sales and Marketing, **ThorpeGlen**

More Info10:45 - 11:45 Session B**FinFisher: NGN IT Intrusion & Surveillance - Transparent IT Systems for the Intelligence**

Community
Speaker: MJM, **Gamma Group**

More Info 10:45 - 11:45 Session C **Building Fixed & Mobile Tactical State-Of-Art Audio Video Forensic Laboratories**
Speaker: David William Robinson, **DWR & Associates**

More Info 13:15 - 14:15 Session A **Investigation Scenario based Product Demonstration**
Speaker: Meron Colbeci, Product Manager, **NICE Systems**

More Info 13:15 - 14:15 Session B **A Dwarf in the Crowd of Giants, A Tactical Appliance Demonstration**
Speaker: Istvan Szilagyi,, **NETI IT Consulting**

More Info 14:45 - 15:45 Session A **From Acquisition to Analysis: Presenting end-to-end Processing of IP Network Data**
Speaker: Imam Hoque, Senior Director, **Detica**

More Info 14:45 - 15:45 Session B **Covert Intercepts in High-Stakes Environments**
Speaker: Victor Oppleman, President, **Packet Forensics**

More Info 16:15 - 17:15 Session A **Demonstration of Network Information Extraction Engine for Lawful Interception**
Speaker: Jerome Tollet, CTO, **Qosmos**

More Info 16:15 - 17:15 Session B **Recreating the Target's Broadband Experience**
Speaker: Erik de Bueger, Director Sales, Northern Europe, **SS8 Networks**

Thursday, 4 June 2009

More Info 8:30 - 9:30
Session A **WEBINT â€" Harvesting Intelligence from the Web.**
Speaker: Dadi Gertler, Director of Business Development , ViewLinks, **Verint Systems**

More Info 8:30 - 9:30
Session B **Use of Different Target Identifiers to Solve LI tasks According to Wiretapping Point Chosen**
Speaker: Alla Elagina, **MERA Systems**

More Info 8:30 - 9:30
Session C **Management, Gathering & Expert Enhancement of CCTV & Intelligence Source Video**
Speaker: Laura Teodosio, President, **Salient Stils Inc.**

More Info 10:00 - 11:00
Session A **Integrated Communication Monitoring of IP and**

Telephony

Speaker: Benoit Canick, Managing Director, **ETI**

More Info 10:00 - 11:00

Session B Klarios 2.0 - Investigative Work in a Multi-Media Environment

Speaker: ATIS systems speaker to be announced

More Info 13:00 - 14:00

Session A CopperEye Product Demonstration

Speaker: Duncan Pauly, Founder and Chief Technology Officer, **CopperEye**

More Info 13:00 - 14:00

Session B Voice Analyser: an Innovative tool for Real time Identity check against centralized Voiceprint Repository

Speaker: Angelo Ferraris, **Loquendo**

More Info 14:45 - 15:45 Session A Thuraya Monitoring Presentation and Demonstration

Speaker: Richard Grundy, L-3 Communication, **TRL Technology**

More Info 14:45 - 15:45 Session B Automatic Speaker Identification in Forensics

Speaker: Matey Zhokhov, Manager of International Sales Department, **Speech Technology Center**

More Info 16:30 - 17:30

Session A Live Monitoring Center Demonstration

Speaker: Michael Eisenschmid, Head of Product Management, **trovicor GmbH**

More Info 16:30 - 17:30

Session B Product Demonstration for Agnitio's Voice Biometrics Forensic Applications

Speaker: Ana Herrero, Business Development, **Agnitio**

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More Info 8:30 - 9:30

Session A GSM and GMR Intelligence Gathering Applications

Speaker: Yuval Dagan, Marketing and Business Development Manager, **ELTA Systems**

More Info 8:30 - 9:30

Session B An Integrated platform for all your Lawful Interception Activities

Speaker: Emanuele Marcozzi, Product Engineer, **AREA**

More Info 8:30 - 9:30

Session C Demonstration of Zebra Passive Interception

System for both terrestrial and satellite interception
Speaker: Andre Scholtz and Fabrizio Diantina, **VASTech SA (Pty) Ltd**

More Info10:00 - 11:00

Session A**REMOTE CONTROL SYSTEM v5: A Stealth, Spyware-Based System for Attacking, Infecting and Monitoring Computers and Smartphones. Full intelligence on target users even for encrypted communications (Skype, PGP, secure web mail, etc.)**
Speaker: David Vincenzetti, Partner, **Hacking Team**
Valeriano Bedeschi, Partner, **Hacking Team**

More Info10:00 - 11:00

Session B**Intelligence PlatformTM Scenario**
Speaker: Manfred Bendisch, Product Manager Intelligence Platform, **trovicor GmbH**

More Info10:00 - 11:00

Session C**An Integrated Approach to Intelligence Support Systems**
Speaker: Raniero Romagnoli, HP DRAGON Product Manager, **Hewlett Packard Company**

More Info10:00 - 11:00

Session D**Product demo: Prism â€" DCME generic production system product demonstration**
Speaker: Ronen Yashvitz, VP Business development & Sales, **Gita Technologies Ltd.**

More Info11:30 - 12:30

Session A**GENESI Intelligence Center: High integrated software suite for investigation and Intelligent Analysis**
Speaker: Ugo Santillo, **IPS Intelligence & Public Security S.p.A.**

More Info11:30 - 12:30

Session B**Active Interception**
Speaker: Michael Thomas, **DigiTask**

More Info11:30 - 12:30

Session C**Integrating Enterprise GIS into Operational Data Fusion Centers with a Case Study**
Speaker: Dave Cook, **ESRI**

More Info11:30 - 12:30

Session D**SSL is no more secure : Live demonstration of unique solution for monitoring HTTPS communications in real time**
Speaker: Anand Bhargava, Director-Technology, **ClearTrail Technologies**

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

9:00 - 16:30, Tuesday, 2 June 2009

Presented By: Drs. Jerry and Matthew Lucas, TeleStrategies

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 Fixed Line 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 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

13:00 - 14:30 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

15:00 - 16:50 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, BiTtorrent, eDonkey, Skype Issues and Deep Packet Inspection

Case Studies:

Application Decoding Challenges

P2P Intercept Challenges

Encryption Challenges

Certificate of ISS Training Completion Available Upon Request
Speaker:
Contact: **talucas@telestrategies.com**