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

MAY 29-JUNE 1, 2007 • WASHINGTON, DC

Where Telecom Operators, Law Enforcement and the Intelligence Community Turn to Learn and Network

Lead Sponsor

SIEMENS
Global network of innovation

Exhibitors and Sponsors

AQSACOM  bivio networks  RED  Raytheon

ultimaco  AudioSoft  Ip Fabrics  SPECTRONIC  nPulse  SOLERA

ATIS UNION  group 2000  acme/packet  PENLINK  NET-WITNESS,  retentia

FTS  ERICSSON  JSI  Networks/Secure Critical  ANDREW  FOX-IT

3.5 Days of LEA/Intelligence Gathering Training
40 Plus One Hour Training Sessions To Choose From
The Intelligence Support Systems for Lawful Interception, Cybercrime Investigations and Intelligence Gathering Conference and Expo is the world’s largest gathering of telecommunications service providers, government intercept policy makers, law enforcement agents, investigative analysts, prosecutors and vendors addressing lawful interception issues and solutions. Now that most nations of the world require lawful interception support of VoIP and other IP-based services, ISS World Spring 2007 is a must attend event.

Five ISS World Tracks:

- **Conference Track 1**: ISS for Lawful Interception
- **Conference Track 2**: ISS for Cybercrime Investigation and Intelligence Gathering
- **Conference Track 3**: ISS for CALEA, EU ETSI and Data Retention Compliance
- **Conference Track 4**: ISS for Content and P2P Monitoring and Filtering
- **Conference Track 5A**: Law Enforcement and Cybersecurity Training
- **Conference Track 5B**: Law Enforcement and Intelligence Agent Only Training

Keynote Sessions

**Wednesday, May 30, 2007**

**Welcoming Remarks**
Tatiana Lucas, ISS World Program Director

**8:30-8:45 a.m.**

- **Lawful Interception Guru Panel**
  - Dr. Jerry Lucas, President, TeleStrategies (Moderator)
  - Tony Rutkowski, VP Regulatory, VeriSign
  - Jørgen Axland, General Manager for Business Development and Strategy, Siemens Networks Voice & Data Recording, Munich
  - Chris MacFarlane, President, ETI Connect
  - Todd McDermott, VP, Verint Systems
  - Yossi Ofek, VP Marketing, Intelligence Solutions Division, NICE Systems
  - Dr. Glen Myers, CEO, IP Fabrics
  - Itzik Vager, VP Product Management, Verint Systems

**10:45-11:45 a.m.**

- **Update on Lawful Interception and Cisco’s Service Independent Intercept (SII) Architecture**
  - Craig Mulholland, Corporate Development, Cisco

**1:00-1:30 p.m.**

- **VoIP lawful intercept: Comparing technical alternatives**
  - Seamus Hourihan, VP, Acme Packet

**2:30-3:00 p.m.**

- **Solutions Enabling Next Generation LI**
  - David Cooke, Director, ETI Connect

**3:00-3:30 p.m.**

- **Implementing CALEA for IMS over Converged Cable & Wireless Networks**
  - Itzik Vager, VP Product Management, Verint Systems

**Wednesday, May 31, 2007**

**8:30-9:00 a.m.**

- **A Cost-Effective Broadband CALEA Solution for Small ISPs**
  - Dr. Glen Myers, CEO, IP Fabrics

**9:00-9:30 a.m.**

- **Build powerful and flexible LI solutions using open-source toolkits and affordable hardware acceleration**
  - Randy Caldejon, CEO & CTO, nPulse Network Systems
Friday, June 1, 2007
8:30-9:30 a.m.
European Directive on Retained Data and the Update on ETSI/TC LI
Peter Van der Arend, Chairman
ETSI LI and Royal KPN Netherlands

10:00-10:30 a.m.
CALEA and Cable Broadband Surveillance
Bill Kostka, Principal Architect, CableLabs

10:30-11:00 a.m.
VoIP Security: Myths and Reality
Seamus Hourihan, VP, Acme Packet

11:30-12:00 a.m.
Who Says an LI Solution For Small Operators and Higher Ed Has To Cost and Arm and a Leg?
Stephen Gleave, Vice President Marketing, SS8 Networks

12:00-12:30 p.m.
One Box CALEA Compliant Solution for Small Networks,
Baruch Pinto, Product Manager, Verint Systems

Thursday, May 31, 2007
8:30-9:00 a.m.
The Implementation of Active and Passive Interception Methods
Dror Oren, Product Manager, Intelligence Solutions Division, NICE Systems

9:00-9:30 a.m.
Accelerating the Evidence Capture and Analysis Process
Tim Belcher, CTO, NetWitness

10:30-11:00 a.m.
Public and Private Collaboration for Improved National Cyber Security
Peter G. Allor, Director of Intelligence, IBM Internet Security Systems

1:00-2:00 p.m.
Investigative Analysis and Intelligence Gathering Guru Panel
Dr. Jerry Lucas, President, TeleStrategies (Moderator)
Tilmann Gabriel, Manager, Siemens Networks Voice & Data Recording, Munich
Chris MacFarlane, President, ETI Connect
Carlo Rogialli, CTO, RCS
Avner Tumiansky, Product Manager, Verint Systems
Assaf Frenkel, Product Management Team Manager, Intelligence Solutions Division, NICE Systems
Tim Belcher, CTO, NetWitness
Alexander Hoeschrisch, Managing Director, ATIS-Systems
Les Szwajkowski, Sr. Program Manager, Raytheon

2:30-3:00 p.m.
Data Centric Versus Target Based Interception
Daniel Adler, Sales Engineering Team Manager, NICE Systems

3:00-3:30 p.m.
Optimizing Analysis Through Integrated Systems
Chris Brill, Director, AudioSoft

4:00-4:30 p.m.
Guy Alon, Marketing Director, Natural Speech Communication

Friday, June 1, 2007
8:30-9:00 a.m.
Target Interception in Satellite Packet Data Monitoring Systems
Dr. Alexander Koutonyuk, CEO, Delta SPE (Ukraine)

Friday, June 1, 2007
8:30-9:00 a.m.
Unified Location Platform for Law Enforcement
Uri Savoray, Septier Communication

9:00-9:30 a.m.
How to Build a Secure and Effective IT Infrastructure of a Large Monitoring Center
Paolo Mandelli, Sales International Manager, AREA Italy

For Complete ISS World Conference Session Descriptions, Go To www.telestrategies.com
Thursday, May 31, 2007
8:30-9:30 a.m.
Data Retention Guru Panel
Tony Rutkowski, VP Regulatory, VeriSign (moderator)
Dennis Larting, Director, ETI Connect
Rudolf Winschuh, Business Development Manager, Utimaco Safeware
Dana Sugerman, Verint Systems
Assaf Frenkel, Product Manager, NICE Systems
Bert Hubert, CTO, Fox-IT
10:30-11:00 a.m.
Trends in Global and European interception
Bert Hubert, CTO, Fox-IT
11:00-11:30 a.m.
Data Retention and LEA Handover Solutions
Rudolf Winschuh, Business Development Manager, Utimaco Safeware

Thursday, May 31, 2007
10:30-11:00 a.m.
Lawful Interception Compliance in Canada
Normand Wong, Counsel, Criminal Law Policy Section, Department of Justice Canada
Jay Thomson, Assistant VP Broadband Policy, TELUS
11:30-12:00 a.m.
Implementing a Data Retention Solution to Meet New Regulations
Simo Salmeniusu, Solution Manager, Comptel
12:00-12:30 a.m.
The Outlook on Congressional Legislation that may impact Lawful Interception Mandates
Congressional Staff panelists to be announced

Track 4
ISS for Content and P2P Monitoring and Filtering
Thursday, May 31, 2007
1:00-1:30 p.m.
Broadband Content Monitoring and Filtering Using Deep Packet Inspection
Kevin Graves, CTO, IP Fabrics
1:30-2:00 p.m.
Intelligent Data Search and Analysis
Thomas Hildebrand, Head of Software Development, ATIS-Systems
2:30-3:00 p.m.
Combining IP Monitoring, Filtering and interception: the Thread to a Better ROI for Operators and Agencies
Carlo Rogialli, CTO, RCS
3:00-3:30 p.m.
The Virtue of Automated Layer 2 Packet Capture and Stream-To-Disk For Enhanced Network Forensics Capabilities
Bryan Sparks, Chairman and CTO, Solera Networks
4:00-5:00 p.m.
Content and P2P Monitoring and Filtering Guru Panel
Dr. J erry Lucas, President, TeleStrategies
Jorgen Axland, General Manager, Siemens Networks Voice & Data Recording
Klaus Mochalski, CEO, Ipoque
Carlo Rogialli, CTO, RCS
Yuval Altman, Product Manager, Verint Systems
Kevin Graves, CTO, IP Fabrics
Thomas Hildebrand, Head of Software Development, ATIS-Systems
Bryan Sparks, Chairman and CTO, Solera Networks

Friday, June 1, 2007
8:30-9:00 a.m.
IP Interception in an Application Centric World - how to Solve the Real Problems
Dirk Schrader, Product Line Manager, Siemens Networks Voice & Data Recording

Friday, June 1, 2007
9:00-9:30 a.m.
Challenges in Accessing Next Generation Broadband and VoIP Networks
Yuval Altman, Product Manager, Verint Systems
10:00-10:30 a.m.
P2P Detection, Accounting and Management
Klaus Mochalski, CEO, Ipoque
11:30-12:00 p.m.
How to Minimize Risks Associated with Unauthorized Skype use in the Enterprise
Don Montgomery, VP Marketing, Akonix
12:00-12:30 p.m.
Integrated Solutions for Broadband and VoIP Monitoring
Kim Larsen, ETI Connect
P2P Infrastructure and Lawful Interception/Blocking

- P2P Basics: what’s peer to peer (P2P) networking, hybrid P2P (e.g. Napster) vs. true P2P (e.g. Gnutella and BitTorrent), what’s Skype and how to block it.
- Deep Packet Inspection: what is it and why is it needed, how does real time surveillance work, isolating traffic streams points of DPI deployment and more.

Mobile Wireless Infrastructure and Interception

- Overview: Infrastructure basics (GSM, GPRS, EDGE, UMTS, HSPDA and CDMA), smart terminals, HLR, VLR and IMS.
- Wireless Intercept: intercept at the switch, cell site or tactical monitoring, what call usage data is available, call detail records, cell site analysis to established targets travel path and more.

Wednesday, May 30, 2007
Understanding Cybersecurity for LEAs, Telecom Operators and ISPs

This 1 Day training seminar is for law enforcement agents, service providers and enterprise security managers who have to understand the Internet and Cybersecurity.

Presented by:
Detective Sergeant Andrew W. Donofrio
Bergen County NJ Prosecutors Office
Criminal Investigation Division-Computer Crimes Unit

10:30am-12:00 pm
Introduction Botnets
Botnets are typically used for nefarious purposes and threaten an Internet Service Provider’s customer base and the Internet Community as a whole. This session will examine the technology behind botnets, the criminal usage, and methods of deployment.

1:00 pm-2:00 pm
Detecting Botnets and DDoS Attacks and Responding
This session will examine botnet behavior and discuss ways to identify botnets. Other Denial of Service Attacks will also be discussed. Responding to the threat of botnets and denial of service attacks will be examined.

2:30-3:00 pm.
Introduction to Malware and Analysis
The problems examined are often predicated on a proliferation of malware (malware) such as viruses, Trojans, spyware, etc. This session will provide an overview of malware and methods for reverse engineering it.

Track 5B

LEA and Intelligence Analysts Training

To attend LEA Training Track 5B, you must be a sworn Law Enforcement Officer, Intelligence Analyst, Homeland Security, Justice, Interior or other Government Employee with counterterrorism or criminal investigation responsibilities.

Government Picture ID required for entry to Track 5B Training Classrooms
Certificates of training completion will be available upon request.

Understanding Internet Intercept

Tuesday, May 29, 2007
9:00-5:00 p.m.
Presented by
Detective Sergeant Andrew W. Donofrio
Bergen County NJ Prosecutors Office
Criminal Investigation Division-Computer Crimes Unit

This one day training seminar is for law enforcement agents who have to understand the Internet, how to lawfully collect and analyze data and how to interface with Internet Service Providers (ISP) of the target.

Introduction to Computer Forensics and the Forensic Modality
This session will outline the proper steps for preserving and acquiring data as well as a broad overview of forensic analysis of computer storage devices and other media.

File System Analysis Concepts – Data Remnants and Recovery
This session will delve into the areas of the storage media that contain evidentiary data. It will explain deleted data, slack space data, and unallocated space. A brief overview of Operating System evidence, such as the windows registry, will also be covered.

Live Computer Incident Response: Collecting Live Evidence
In today’s computer world, investigators are continually faced with responding to and dealing with running (live) computer evidence. While sessions one and two deal with the forensic analysis of storage media, this session deals with live computer evidence; evidence that exists in RAM and other places which will be lost upon the discontinuation of power. The actions that are taken during this initial response can either preserve or eradicate data. This session will outline the proper steps for responding to the live computer incident and for preserving volatile data. Real world tools will be demonstrated. This is particularly important in the Windows Vista world and where other Encryption algorithms may be used.

Data Taps – Technology Overview for Tapping Data Connections
The ability to intercept and monitor communications has spilled almost entirely into the world of data. This session will focus on those situations where monitoring computer network traffic is applicable. Additionally, it will discuss methods and technologies for monitoring.

Day 1, Tuesday, May 29, 2007
9:00-5:00 p.m.
Understanding Telco Infrastructure
How Telephone Information can Enhance your Investigation: Telco Infrastructure: How Telephone Systems work… Landline, Cell, VoIP, PBX, CENTREX, Toll-Free, 900, Satellite, etc.

Tracing Threat, Harassment, 911, etc. calls
Little know Technologies to ID Callers

Exploiting Prepaid Telephone Calling Cards.
Using these strategies, you’ll never lose a call

Exploitation of Throw-away Cell Phones.
ID Subscribers, get the CDRs, Monitor Audio

Day 2, Wednesday, May 30, 2007
10:30-3:30 p.m.
Enhancing Investigations with Telephonic Information (continued)

Sting & Special Operations
Setting up “hello” phones & toll-free numbers to support your case, conning the bad guys with a answering machine, putting prepaid cards & cell answering machine, putting prepaid cards & cell phones in the bad guys’ hands all set to monitor

Subpoenas & Subpoena management and how to exploit subscriber and CDR info to support your investigations.
Subscriber subpoena verbiage, investigative use of subscriber records. CDR subpoena verbiage, managing subpoenas, special subpoenas

Court Orders
Using subpoena subscriber & Toll Analysis to establish PC for a Court Order and writing the demand part of a court order

Countering Criminal Tricks to hide Calls.
Dial 0, Info connect, ppd cards & phones, voice dial, pass-through, SIM swap, & more

Case Studies.
How would you approach the telephonic aspect of these cases? An in-depth application of the concepts covered in the past two days.

Thursday, May 31, 2007
8:30-9:00 a.m.
Real-Time Steganography Detection
James E. Wingate, Vice President, Director
Steganography, Backbone Security

9:00-9:30 a.m.
Cyber Fraud New Tactics
Richard Howard, Director, Defense Intelligence, VeriSign iDefense Labs

10:30-11:30 p.m.
Using Cell Site Data as evidence or Intelligence in Major Crime Investigation
This presentation will provide three case examples including London Terrorism Offences, Murder Investigation and Domestic Extremism Groups.

Shaun Hipgrave, Director, Forensic Telecommunication Services
Many law enforcement agencies, do not have the budget to purchase expensive network forensics suites from large vendors. For these groups, open source solutions offer a powerful and free means to collect and analyze the same sorts of network traffic available to commercial products. In this presentation Richard Bejtlich describes how his favorite open source network forensic tools and techniques can successfully detect and investigate unauthorized activity. Richard Bejtlich, TaoSecurity

Compliance Secure Web Portal
Introduction to L-site, the Sprint Nextel Legal Compliance secure web portal. This course will teach you how to create and track legal demands through L-site. Learn to navigate and securely download requested records.
Paul W. Taylor, Manager, Electronic Surveillance Sprint Nextel Corporate Security

Open Source Network Forensics
In this presentation Mark Lastdrager from Pine Digital Security will introduce the audience in the mindset of a hacker, targeting the telco's lawful interception system. Mark Lastdrager, CEO, Pine Security

Location Based Services for Public Safety, National Security & Commercial Location Based Services
This presentation will address a state-of-the-art mobile location solution that can provide optimum support for all location-enhanced applications. Each location-sensitive service or application presents its own challenges in terms of required location accuracy, latency, reliability, cost tolerance, and other parameters.

Friday, June 1, 2007
8:30-9:30 a.m.
Pine Digital Security

Save $300 by registering before April 27, 2007

Regular Registration
3-day ISS World Conference (Tracks 1 to 4 and Exhibits) .................................................. $1,695
Registration after 4/27/07 ...............................................................................................$1,995
4-day ISS World Conference (Tracks 1 to 4, 5A and Exhibits) ......................................$1,995
Registration after 4/27/07 ...............................................................................................$2,295

Telecommunications Service Provider or Government Registration
3-day ISS World Conference (Tracks 1 to 4 and Exhibits) .................................................$995
Registration after 4/27/07 ...............................................................................................$995
4-day ISS World Conference (Tracks 1 to 4, 5A and Exhibits) ......................................$995
Registration after 4/27/07 ...............................................................................................$1,295

Law Enforcement Agency Registration*
4-day ISS World Conference (Tracks 1 to 4), Training Tracks 5A & 5B plus Exhibits .................................................. $695
Registration after 4/27/07 ...............................................................................................$995

*Note: To Attend the LEA Training Track 5B you must be a U.S. or international sworn law enforcement officer or military/intelligence/government employee. Also you must register by May 22, 2007 in order to verify eligibility. Government photo ID required for classroom access.

Conference Hotel: ISS World Spring 2007 will be held at the Hilton Alexandria Mark Center Hotel, Alexandria, VA. The hotel is located 10 minutes by taxi from downtown Washington D.C. To reserve a room, please contact the Hilton Alexandria Hotel at 1-703-845-1010. TeleStrategies has reserved a special block of rooms at the discount price of $199/night. Please make your reservation before May 1, 2007 to take advantage of this discount.

Transfers and Substitutions: Transfers and substitutions are permissible up to 24 hours in advance of conference date. (Refund restrictions may apply.)

Cancellations and No-Shows: If you are unable to attend, there is no penalty if your cancellation is received in writing two weeks prior to conference date. Cancellations after that date are subject to a 25% service charge. Registrants who do not attend and who do not cancel before the conference date are liable for the full registration fee. If conference is postponed or cancelled, TeleStrategies is not responsible for any airfare, hotel or other costs incurred by registrants.

Conference Payment: Your registration fee must be paid prior to the ISS World event: VISA, American Express, MasterCard, Discover, Company Check and Wire Transfer are acceptable forms of payment, please contact TeleStrategies Accounting Department +1-703-734-7050 or Fax +1-703-556-3959 or Email talucas@telestrategies.com or mail to TeleStrategies, PO Box 811, McLean, VA 22101, USA

International Attendees: If you need U.S. Visa assistance to attend ISS World, please contact Tatiana Lucas at talucas@telestrategies.com

Conference by Invitation Only: To attend ISS World you must be a Telecommunications Service Provider, government employee, LEA or vendor with LI, surveillance or network products or services. If you have questions e-mail Tatiana Lucas at talucas@telestrategies.com.
Siemens – with its 150 years of experience in the field of telecommunication – is the sole company world-wide having LI solutions for both networks, target management, and Monitoring Centers. As a part of this unmatched experience, the Monitoring Center solutions have been especially developed to handle all interception tasks of Law Enforcement Agencies for fixed, mobile, and IP based networks including post-processing and intelligence. www.siemens.com

NICE Systems (NASDAQ: NICE) is the leading provider of Insight from Interactions™, offering comprehensive performance management and interaction analytics solutions for the enterprise and public safety and security markets. Advanced interaction analytics are performed on unstructured multimedia content — from telephony, web, radio and video communications. NICE brings the power of Insight from Interactions to IP contact centers, branches, and command and control centers. www.nice.com

Verint is a leading global provider of analytic software-based solutions for communications interception, networked video and business intelligence. Verint solutions transform voice, video and data into actionable intelligence — timely, mission critical information for faster, better informed decision making and more effective action. www.Verint.com

SS8 Networks’ Xcipio™ Lawful Intercept Products allows both carriers and switch vendors to meet legal obligations of government and law enforcement personnel to monitor conversations and transactions on both traditional and IP-based networks. SS8 Networks’ packaged approach shortens internal development time and reduces costs for switch vendors and minimizes network engineering and security concerns for carriers. www.ss8.com

Being the undisputed leader of the Italian Lawful Interception market since 1990, RCS is a multifunctional company with a huge and growing capital in terms of know-how, human resources and technology. RCS customers are divided into three main categories, with relevant differences in approach, technological background and organisation: Law Enforcement Agencies, Telecom Operators and Intelligence Services. info@rcslab.it

ETI Connect is a global provider of Lawful Intercept systems, which enable reliable, efficient and lawful monitoring on all types of communication. ETI Connect is the commercial division of the ETI Group — an international group of companies with world-class capabilities in the development and production of advanced analysis and test systems for all types of data and telecommunication networks. www.eticonnect.net

ISS World Exhibits
Thursday, May 31, 2007
9:30 a.m. to 6:00 p.m.
Friday, June 1, 2007
8:30 a.m. to 12:00 p.m.
Where Law Enforcement and the Intelligence Community Turn to Learn and Network

3.5 Days of LEA/Intelligence Gathering Training
40 Plus One Hour Training Sessions To Choose From

MAY 29-JUNE 1, 2007 • WASHINGTON, DC