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ISS World Europe

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

4-6 JUNE 2013 • CLARION CONGRESS HOTEL • PRAGUE, CZ

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ISS World[®] Europe

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

4-6 JUNE 2013 • CLARION CONGRESS HOTEL • PRAGUE, CZ

ISS World Europe is the world's largest gathering of European Law Enforcement, Intelligence and Homeland Security Analysts as well as Telecom Operators responsible for Lawful Interception, Hi-Tech Electronic Investigations and Network Intelligence Gathering.

ISS World Programs present the methodologies and tools for Law Enforcement, Public Safety and Government Intelligence Communities in the fight against drug trafficking, cyber money laundering, human trafficking, terrorism and other criminal activities conducted over today's Telecommunications network, the Internet and Social Networks.

Track 1

ISS for Lawful Interception and Criminal Investigations

Track 2

ISS for Big Data Analytics and Social Network Monitoring

Track 3

ISS for Mobile Location, Surveillance and Signal Intercept

Track 4

Encrypted Traffic Monitoring and IT Intrusion Product Training

Track 5

LEA and Intelligence Analyst Training and Product Demonstrations

Track 6

Social Network Monitoring and Big Data Analytics Product Demonstration

Track 7

Mobile Location, Surveillance and Signal Intercept Product Training

Exhibits

5 June 2013, 10:00 a.m. - 5:00 p.m.
6 June 2013, 9:30 a.m. - 12:30 p.m.

Pre-Conference Training Seminars

Tuesday, 4 June 2013

Seminar #1

8:30-4:30

Online Social Media and Internet Investigations

*Presented by Charles Cohen, **Cohen Training and Consulting, LLC***

Charles Cohen also holds the position of Commander, Special Investigations and Criminal Intelligence, **Indiana State Police, USA**

8:30-9:30

Session 1 of 6: What Investigators & Analysts Need to Know about Online Social Media.

9:45-10:45

Session 2 of 6: OSINT and Criminal Investigations

11:00-12:00

Session 3 of 6: Successful Use of Online Social Media in Criminal Investigations

1:00-2:00

Session 4 of 6: Counterintelligence & Liabilities Involving Online Social Media

2:15-3:15

Session 5 of 6: Facebook: Tools, Tricks, & Techniques Investigators Need to Know

3:30-4:30

Session 6 of 6: What Investigators Need to Know about Hiding on the Internet

Seminar #2

8:30-4:30

Understanding ISS Technologies and Products Deployed in Telecommunications Networks and Monitoring Centers for Law Enforcement and Intelligence Analysis

*Presented by: Dr. Jerry Lucas, President, **TeleStrategies***

This one day pre-conference seminar covers the spectrum of ISS Technologies and Products deployed in today's fixed wire, mobile wireless and Internet Service Provider networks and LEA Monitoring and Intelligence Gathering Centers. This all day seminar is ideal for those law enforcement,

public safety and intelligence analysts who need an understanding of the ISS technologies to be discussed in the conference sessions and the ISS products displayed at the exhibit hall as well as an understanding of the buzz words and jargon used by telecom operator engineers and their vendors.

8:30-10:45

Understanding Wireline Telecom Infrastructure, Interception and Related ISS Products

What do LEAs need to know about the public switched telecommunications networks, circuit switching, fiber optics, SONET/SDH, Broadband Access (DSL, ADSL, Cable Modems, etc.), billing systems and call detail records, standards for lawful intercept, basic LI elements (access, delivery and collection function), LEA Monitoring Center Functions (call information and call content data collection) and where are ISS products deployed for monitoring and intercept.

11:00-2:00

Understanding Mobile Wireless Infrastructure, Interception and Related ISS Products

Infrastructure basics (GSM, GPRS, EDGE, UMTS, HSPA and LTE), Wi-Fi, WiMax and Femtocells, How a cellular call is processed, back office infrastructure, HLR, VLR, Backhaul and PSTN interconnection, data services, SMS, MMS, IM, data services, fixed mobile convergence, Smartphone challenges for LEA, intrusion techniques, gathering Geolocation data, location technologies (A-GPS and RF finger printing) and where are ISS products deployed for monitoring and intercept.

2:15-4:30

Understanding the Internet, Interception and Related ISS Products

What Investigators Have To Know about IP call Identifying Information, Radius, DHCP, DNS, etc., Tracking an Internet Address to a Source, Investigations Involving E-Mail, Facebook, Twitter, Skype, Instant Messaging, Chat Rooms and Message Boards, IMS, P2P Networks and Deep Packet Inspection, Big Data Analytics, defeating encryption,

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emerging IPv6 Challenges and what can be done to address Internet intercept deploying ISS infrastructure and where are ISS products deployed for monitoring and intercept.

Seminar#3

8:30-4:30

Practitioners Guide to Internet Investigations

Presented by: Mark Bentley, Data Comms Manager, Child Exploitation and Online Protection Centre (CEOP), United Kingdom

This is exclusively Law Enforcement only, as Practical examples, covert and investigative methods will be given throughout the seminar. The aim of this 1 day seminar is to take the attendees from the basics of understanding the internet, through to a full understanding of best practice of an internet investigator, and having awareness of all the tools available to achieve this.

8:30-8:45

Introduction

A 15 min introduction to the work of the Child Exploitation and online Protection Centre

8:45-9:30

The World Wide Web and the Internet

9:45-10:45

Recognizing Traffic Data

11:00-12:00

WIFI and GPRS

13:00-14:00

Emerging Technologies, Masking Tech and Tools

14:15-15:15

Advanced Techniques in Tracing Suspects

15:30-16:30

Open Source Intelligence Training (OSINT)

Seminar #4

8:30-4:30

Advanced IP Intercept Training

Presented by: Hendrik Schulze, President & CTO and Jens Geier, Product Manager, ipoque

08:30-10:45

Understanding TCP/IP for Packet Sniffing and Traffic Analysis

A brief introduction into network technology and the basics of TCP/IP needed for interception and the impact on proper network analysis. Based on this, the workshop reflects the technical options for LEA's to investigate in networks.

11:00-2:00

Deep Packet Inspection (DPI) Basics for LEA's, Intelligence Analysts and Telecom Operators

An overview on deep packet inspection technology (DPI) and its basic operations down to the application level. Skype is used as example to show the implications of complex network behavior on DPI.

2:15-4:30

Basics of IP Application Decoding

From Packets to Structured Data

The workshop is a high-level introduction on building decoder software starting from requirements on an example of software architecture. After an overview of all parts of the introduction the building blocks are elaborated.

Seminar #5

13:00-14:00

The Dark Side of the Internet - The Hidden TOR and I2P and How they Function

Presented by: Ross Bowerman, Detective Sergeant, Scottish Police College, UK

Seminar #6

14:15-15:15

Smartphone Application Challenges Encountered and Opportunities Presented to Law Enforcement

Presented by: Michael Williamson, Detective Inspector, Force Intelligence Bureau, Crime and Safer Communities, UK

A users overview of Smartphone applications, what they can do, implications, challenges and opportunities for law enforcement in obtaining results and coordinating our response to the overwhelming new apps appearing daily.

Seminar #7

8:30-12:00

Sharing in Real-Time Cyber Threat and Attack Information Among Governments, Telecoms and Private Industry

Presented By Matthew Lucas (Ph.D. Computer Science), Vice President, TeleStrategies And Invited Faculty

Collaborative cybersecurity systems – where governments, enterprises and telcom operators share threat and attack information in real-time – are gaining significant interest and momentum in the industry. The approach not only improves respective cyberdefense capabilities and critical infrastructure protection as compared to traditional stove-pipe implementations, but also enables operators to improve the quality of their service offerings and complement them with enhanced cybersecurity features.

As with any distributed system, implementing collaborative cybersecurity platforms is incredibly complicated. In order to be successful, the approach will require robust standards that are efficient, comprehensive and vendor-independent. This half day tutorial will look at the overall challenges, the emerging architectures and standards surrounding distributed collaborative cybersecurity systems. The tutorial will be broke into three sessions:

Session 1: Overview of the Technical Challenges in Real-Time Sharing of Threat and Attack Information Among Governments, Telecoms and Private Industry.

This panel of technical experts will give their assessment of the challenges of sharing information among governments, telecom operators and the private sector from a lawful interception and intelligence gathering vendors perspective.

Presented By Panel of ISS Vendors

Session 2: Distributed Cybersecurity Requirements and Architectures –

Cyberthreat data requirements for each domain (government, telcom wide-area, enterprise and CPE) will be identified, data types/schemas will be explained and real-time requirements will be considered.

Session 3: Exchange protocols / use cases – STIX and other protocols will be

examined in detail, looking at the specific events captured, usage data formats, trigger events, transport protocols, security/authentication, capabilities exchange, and protocols. The session will wrap up with reference architectures and use cases.

Seminar #8

13:00-17:00

ETSI/TC LI Update

13:00-13:40

ETSI/TC LI Standards Overview

Gerald McQuaid, *Chairman ETSI/TC LI*

13:40-14:00

E-Warrant Interface

Tony Rutkowski, *Yaana Technologies*

E-Warrant Interface: Details on the "eWarrant Interface" for Lawful Interception and Data Retention. The general use of this electronic interface is highlighted. Future plans will be indicated.

14:45-15:15

Dynamic Triggering

Alex Leadbeater, *BT Group*

Dynamic Triggering: As communications services become more nomadic and interception of basic access services (e.g. broadband) becomes more difficult due to the ever increasing data volumes, service based interception becomes increasingly attractive. In addition Virtual Service Providers and constant mobility of user access methods to those services require a new approach to interception.

15:30-16:00

LI Cloud/Virtual Services

Tony Rutkowski, *Yaana Technologies*

LI Cloud/Virtual Services: Beside general information on Cloud services also the TC LI study on "LI Cloud/Virtual services" will be handled.

16:00-16:30

ETSITC LI Standards In Reality

Rudolf Winschuh, *Utimaco Safeware*

ETSITC LI standards in reality: This presentation will describe in which parts of the world ETSITC LI standards are used and how they are implemented in various countries.

16:30-17:00

"Guru" Round for Questions for the presenters

Wednesday, June 5, 2013

Welcoming Remarks

8:15-8:30

Tatiana Lucas, *ISS World Program Director, TeleStrategies*

8:30-9:00

Top Ten Internet Challenges Facing Law Enforcement and the Intelligence Community and Who at ISS World Europe has Solutions

Dr. Jerry Lucas, *President, TeleStrategies*

Track 1

ISS for Lawful Interception and Criminal Investigations

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

Wednesday, 5 June 2013

14:00-14:30

Lawful Interception and Retention of Telecom Services vs. Data Protection

Dirk Börgerding, *Pre-Sales Manager, Utimaco LIMS*

15:00-15:30 **Session A**

New LI challenges. A Countrywide Integrated Solution: Voice, Data, Positioning and Encryption

Cristian D'Incertopadre, *Sales, IPS*

15:00-15:30 **Session B**

IPv6, Identities & DPI

Hendrik Schulze, *President & CTO, Ipoque*

15:30-16:00 **Session A**

Communication Surveillance in the Fight Against Child Exploitation - Re-balancing the Ethical Debate

AREA *presenter to be announced*

15:30-16:00 **Session B**

DPI Tactical Probe

Tomas Dedek, *INVEA-TECH*

Thursday, 6 June 2013

8:30-9:00

Disappearing in the Crowd

Jens Geier, *Product Manager, ipoque*

9:00-9:30 **Session A**

Case study: 40G Lawful Interception & Data Retention

Petr Kastovsky, *INVEA-TECH*

9:00-9:30 **Session B**

New Generation of Language and Speaker Identification Technology

Radim Kudla, *Senior Business Developer, Phonexia*

10:30-11:00

Going beyond Packets: object-based reconstruction and analysis in the era of SSL

NetScout *Presenter to be Announced*

11:00-11:30

Assuring performance at 100 Gbps

Napatech *presenter to be announced*

Note: Lawful Interception and Criminal Investigation Product Training and Demonstrations Scheduled in Track 5

Track 2

ISS for Big Data Analytics and Social Network Monitoring

This track is for Intelligence Analysts and Law Enforcement agents who have to

"connect the dots" between people, places and other entities by searching through massive amounts of data.

Wednesday, 5 June 2013

9:00-9:30

Utilising Big Data to Best Maximise Lawful Intercept Activity

BAE Systems Detica *presenter to be announced*

9:30-10:00

Keeping up with new Security Trends & Surveillance Technologies

Presented by CEO, *trovicor*

11:30-12:00

Automating the "Memory Game": Collect and Connect Social Media OSINT Data

Kapow Technologies *presenter to be announced*

12:00-12:30

IP Monitoring – trovicor's end-to-end solution

Presented by CTO, *trovicor*

13:30-14:00

Making Sense of the Web and Social Networks

Yoni Heilbronn, *Director of Marketing and Business Development, NICE Systems*

14:00-14:30

A case study for Identity Resolution and identification of bogus identities in Social Network Services

ELTA SIGINT *speaker to be announced*

15:00-15:30

Investigating Big Data – when size matters after all

Aaron (Ronnie) Eilat, *Director of Product Management and Marketing, Elbit Systems*

15:30-16:00

A Paradigm Shift - The New World of COMINT

Ori Nurick, *Director of Marketing, NICE Systems*

Thursday, 6 June 2013

9:00-9:30

IP -Decoding is a ghost of the past

Desoma *speaker to be announced*

10:30-11:00

Connecting Dots from Multisource Communication Intercepts

Tomas Vejlupek, *President, TOVEK*

12:30-13:30

The Dark Side of the Internet - The Hidden TOR and I2P and How they Function

Ross Bowerman, *Detective Sergeant, Scottish Police College, UK*

Note: Big Data Analytics and Social Network Monitoring Product Training and Demonstrations Scheduled in Track 6

Track 3

ISS for Mobile Location, Surveillance and Signal Intercept

This track is for Authorities who must work with cellular and mobile satellite operators regarding mobile location, surveillance and intercept.

Wednesday, 5 June 2013

9:00- 9:30

Integration of location based services as one more information source on top of traditional intercepted services.

Dirk Börgerding, Pre-Sales Manager, Utimaco LIMS

9:00-10:00

Breaking new grounds in Mobile Device Forensics for law enforcement professionals.

Yuval Ben Moshe, Forensics Technical Director, Cellebrite

11:30-12:00

Introducing Da Vinci: attack, control and gather intelligence from personal devices.

David Vincenzetti, Partner, Hacking Team

12:00-12:30

InPoint SMS System. Mass Emergency Notification. Vehicle based and Portable solutions.

NeoSoft AG speaker to be announced

13:30-14:00

Tactical GSM & 3G interception

Elan Sharon, Septier Communication

14:00-14:30

IMSI Catching in GSM, UMTS and LTE Networks – Challenges and Solutions

EXFO presenter to be announced

15:00-15:30

Mobile cellular: developing with the latest technologies

Tim Phipps, Business Development Wireless Defence and Security, Cambridge Consultants

Thursday, June 6, 2013

10:30- 11:00

Active, Passive and Hybrid GSM & 3G Monitoring systems. New challenges (Randomization, A5.3 etc.). Practical solutions.

NeoSoft AG speaker to be announced

11:00-11:30

Accurate Cellular Location tracking solutions

Elan Sharon, Septier Communication

12:30-13:30

Smartphone Application Challenges Encountered and Opportunities Presented to Law Enforcement

Michael Williamson, Detective Inspector, Force Intelligence Bureau, Crime and Safer Communities, UK

Note: Mobile Location, Surveillance and Signal Intercept Product Training and Demonstrations Scheduled in Track 7

Track 4

Encrypted Traffic Monitoring and IT Intrusion Product Training

This track is only open to Law Enforcement, Public Safety and Government Intelligence Community Attendees

Wednesday, 5 June 2013

9:00-10:00

Using Open-Source tools to conduct governmental investigations against serious crime

MGM, Gamma Group

11:30-12:30 **Session A**

VUPEN Sophisticated Exploits for IT intrusion and Offensive Security

Chaouki Bekrar, CEO & Director of Vulnerability Research, VUPEN

13:30-14:30

FinFisher- Next Generation

governmental surveillance. Focus: Mobile phone monitoring

MGM, Gamma Group

13:30-14:30 **Session B**

Monitoring Communications Inside Encrypted Traffic

Packet Forensics Speaker to be Announced

15:00-16:00

Da Vinci: a spy story about busting a terrorist organization by using the most advanced offensive technology.

Marco Valleri, Head of R&D, Alberto Ornaghi, Senior Software Developer and Alberto Pelliccione, Senior Software Developer, Hacking Team

16:15-17:15

WiTTM – PSS – an End-2-End Lawful Hacking/IT intrusion Solution demo

Doron Truk, VP Sales, Elbit Systems

Thursday, 6 June 2013

8:30-9:00

Smart Intrusion on Social Networks and Webmails: the Https Monitoring & Analysis

Ugo Santillo, Sales Director, IPS

8:30-9:30 **Session B**

Dark Eagle': The ultimate solution for DSL voice and Data Interception and Remote System Intrusion

GR SISTEMI SRL presenter to be announced

9:00-9:30

Encryption Anywhere and Everywhere. Now What? An Analysis of Possible Workarounds

AREA presenter to be announced

10:30-11:30 **Session A**

Da Vinci: a live demonstration of unrivaled attack capabilities and total resistance to detection, quarantine and removal by any endpoint security technology.

Marco Valleri, Head of R&D, Alberto Ornaghi, Senior Software Developer and Alberto Pelliccione, Senior Software Developer, Hacking Team

10:30-11:00 **Session B**

Man in the Middle - yes we can

Desoma presenter to be announced

Track 5

LEA, Intelligence and Defense Analyst Training and Product Demonstration Track

This training is only open to Law Enforcement, Public Safety and Government Intelligence Community Attendees.

Wednesday, 5 June 2013

9:00-10:00

Modern Monitoring Center Approaches for Lawful Interception

Amos Eliav, Sr. Director, Product Management, Verint Systems

11:30-12:30

A framework for meeting the LI regulatory and technological challenges in Cloud based Services

ELTA SIGINT speaker to be announced

13:30-14:30 **Session A**

Flexible IP Communication Surveillance Solutions - Adapting to Your Investigative Needs and Objectives

AREA presenter to be announced

13:30-14:30 **Session B**

Replay NetAnalyst 3.0 - The Next Generation in Advanced IP Reconstruction

Bob Brandt, Product Manager Replay, NetScout

16:15-17:15 **Session A**

A Countrywide Monitoring Centres solution: Voice, Data and Positioning

Cristian D'Incetopadre, Sales, IPS

16:15-17:15

Speech Intelligence Platform – How to Mine Data from Speech Records

Petr Schwarz, CEO, Phonexia

Thursday, 6 June 2013

8:30-9:30 **Session A**

NiceTrack Target 360 – Achieve comprehension by IP Simplification

Nir Yanovsky, Product Manager, NICE Systems

8:30-9:30 **Session B**

From Mass Interception to Actionable Intelligence

Amos Eliav, Sr. Director, Product Management, Verint Systems

10:30-11:30 **Session A**
Advanced Case Communication Investigation Management
Salviol presenter to be announced

10:30-11:30 **Session B**
Application & User Data Interception Demo
Jens Geier, Product Manager, ipoque

Track 6

ISS for IP Intercept, Big Data Analytics and Social Network Monitoring
LEA and IC Attendees Only

Wednesday, 5 June 2013

9:00-10:00
Data Discovery – tracking criminals in a sea of communications
SS8 Speaker to be announced

11:30-12:30 **Session A**
Klarios Analytics: Finding the Truth
ATIS systems to be announced

11:30-12:30 **Session B**
Cell Based Monitoring - a new approach to handle mass recordings
Solution Architect, trovicor

11:30-12:30 **Session C**
Advanced Methods for Intercepting and Analyzing Social Networks
Amos Eliav, Sr. Director, Product Management, Verint Systems

13:30-14:30 **Session A**
Troy Ultimate Software Agents Deployment System Demonstration with Live Deployment
AGT speaker to be announced

13:30-14:30 **Session B**
OSINT in confusing and high flux events
Mark Pfeiffer, CVO, SAIL LABS Technology

15:00-16:00 **Session A**
Social Networks and Webmails: Big Data Architecture for Massive Interception
Fabio Romani, Market & Investment Strategy, IPS

15:00-16:00 **Session B**
Monitoring Center Next Generation - demo
Presented by Solution Architect, trovicor

16:15-17:15 **Session A**
OSINT tools in crisis - unearthing hidden agendas using OSINT
Mark Pfeiffer, CVO, SAIL LABS Technology

16:15-17:15
Big Data Analytics Product Demonstration
BAE Systems Detica presenter to be announced

Thursday, 6 June 2013

9:00-9:30 **Session B**
Intelligence Platform – Target profiling
Solution Architect, trovicor

10:30-11:00 **Session A**
Cell Based Monitoring Solution- a new approach to handle mass recordings
Solution Architect, trovicor

10:30-11:30 **Session B**
Social Media Real Time Monitoring and Reporting
AGT Troy Software presenter to be announced

10:30-11:30 **Session C**
The Power of Open Source Web Intelligence

Natan Bandler, Director, Product Management, Verint Systems

11:00-11:30 **Session A**
Mass metadata Analysis – reveal the unknown
Solution Architect, trovicor

Track 7

ISS for Mobile Location, Surveillance and Signal Intercept
LEA and IC Attendees Only

Wednesday, 5 June 2013

9:00-10:00
IMSI/IMEI Catcher with Public Number Detection
NeoSoft AG speaker to be announced

1:30-12:30
A Passive Radio System and Analytics Platform for Gaining Deep Insight from Public Wireless Signals
Packet Forensics speaker to be announced

13:30-14:30
PHOENIX: undetectable GPS & AUDIO device
GR Sistemi SRL speaker to be announced

15:00-16:00
Accurate Mobile Locations in the Monitoring Center – Technologies and Usability
Amos Eliav, Sr. Director, Product Management, Verint Systems

Exhibits

5 June 2013, 10:00 a.m. - 5:00 p.m.
6 June 2013, 9:30 a.m. -12:30 p.m.

Registration Information

Save \$300 by registering before 29 April, 2013

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ISS World Conference (Tracks 1–3),
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Pre-Conference Seminars and Exhibits\$1,995
Registration after 29 April 2013\$2,295

*Note: To Attend the LEA/DHS/IC/DoD Training Tracks 4-7 you must be a sworn law enforcement officer or military/intelligence/government employee. Also you must register by 30 May 2013 in order to verify eligibility. Government photo ID required for classroom access.

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To reserve a room at the early bird rate of 95 EUR (\$125 US) go to www.issworldtraining.com and select ISS World Europe 2013 or call 420 211 131 119 and reference ISS World 2013. Early bird rate expires 4 April 2013.

International Attendees: If you need 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.

Registration

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ATIS systems – with its integrated lawful interception and monitoring system Klarios® 2.0 – has been a technology leader in the industry for over 60 years. ATIS has a long history of success and experience – 60 years in recording technology and 15 years in the field of integrated lawful interception. Founded and headquartered in Bad Homburg, Germany, the ATIS Group has 200 employees in five countries across Europe, Asia and North America. www.atis-systems.com



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Gamma International has developed for Law Enforcement and Intelligence Agencies its own FinFisher IT Intrusion Portfolio, which is a comprehensive range of professional offensive tools for information gathering, sniffing, manipulation and exploitation. FinFisher is proving to be instrumental in the fight against child pornography, cybercrime, pedophilia, human trafficking, drug smuggling, terrorism, and other criminal activities. For more information contact: info@gammagroup.com



HackingTeam provides the premier offensive technology solution: Remote Control System. Proven by more than 10 years of worldwide adoption and designed to fulfill LEAs and Security Agencies highest expectations, newly released version 8 "Da Vinci" gives you total control over endpoint devices, offering the widest selection of infection vectors, showing total invisibility to protection systems and implementing the most sophisticated data gathering techniques. Find out more at www.hackingteam.com



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NICE Cyber and Intelligence Solutions help Law Enforcement Agencies (LEAs), intelligence organizations and SIGINT agencies to reduce crime, prevent terrorism and identify other security threats by enhancing communication intelligence production. NICE Intelligence Solutions provide end-to-end solutions for communication interception and analysis. NICE solutions are deployed by dozens of experts around the world.



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PACKET FORENSICS



SS8 is a leading worldwide provider of end-to-end communications and cyber intelligence solutions. We enable LEAs and national governments to collect and monitor current and evolving voice and IP data communications—from IP data records and call detail records, to content such as webmail, search results, social media and chat—in accordance with local laws and standards. Learn more at: www.ss8.com



Utimaco with more than 180 installations in about 70 countries is a leading global supplier in the lawful interception market. Since 1994 Utimaco has been providing lawful interception systems for mobile and fixed network operators and Internet service providers. In addition at the request of telecom customers for an integrated lawful interception and data retention solution, Utimaco introduced the Data Retention Suite corresponding to the EU directive 2006/24/EC. For more information visit <http://lms.utimaco.com>



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