

ISS World® MIDDLE EAST

Intelligence Support Systems for Lawful Interception, Electronic Surveillance and Cyber Intelligence

13-15 MARCH 2017 • JW MARRIOTT • DUBAI, UAE



Where Law Enforcement, Public Safety, Telecoms and the Intelligence Community turn for Technical Training and Product Selection

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ISS World[®] MIDDLE EAST

Intelligence Support Systems for Lawful Interception, Electronic Surveillance and Cyber Intelligence

13-15 MARCH 2017 • JW MARRIOTT • DUBAI, UAE

ISS World Middle East is the region's largest gathering of Law Enforcement, Intelligence and Homeland Security Analysts as well as Telecom Operators responsible for Lawful Interception, Hi-Tech Electronic Investigations, DarkNet Monitoring and Cyber 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 and the Internet.

Track 1

Lawful Interception and Criminal Investigation Training

Track 2

OSINT Automation and Cyber Threat Detection

Track 3

Cyber Security and Counter Intelligence

Track 4

Encrypted Traffic Monitoring and IT Intrusion Product Training

Track 5

LEA, Defense and Intelligence Analyst Product Demonstrations

Track 6

Social Network Monitoring and Big Data Analytics Product Demonstrations

Track 7

Mobile Signal Intercept and Electronic Surveillance Product Demonstrations

Agenda at a Glance

Seminars and Conference Training Sessions

Monday, 13 March 2017

Seminar 1

09:00 - 17:00

Practitioners Guide to Internet Investigations

Presented by: Mark Bentley, Communications Data Expert, National Cyber Crime Law Enforcement, UK Police

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

9:00-10:00

The Internet and how suspects leave a digital footprint

10-15-11:15

Recognizing Traffic Data and Digital Profiling

11:30-12:30

WI-FI, Geolocation and Mobile Data Traces

13:30-14:30

Awareness of Emerging Technologies, Masking Tech and Tolls, TOR and Proxies

14:45-15:45

Advanced Techniques in Tracing Suspects and lateral problem solving

16:00-17:00

Open Source Intelligence Training (OSINT), Resources and Techniques

Seminar 2

9:00-12:30

Understanding ISS Products Deployed in Telecommunication and IP Networks for Lawful Interception and Mass Surveillance

Presented by: Dr. Jerry Lucas, President, TeleStrategies

This half-day seminar covers how criminals and terrorists communicate over today's public telecommunications wireline and wireless networks, over the top Internet services and social networks. This seminar is ideal for law enforcement, interior security, public safety and others who need to understand the ISS technologies and products used to lawfully intercept electronic communications and conduct mass network surveillance as discussed at ISS World Conference sessions and by exhibitors.

9:00-10:00

Understanding Wireline and IP Infrastructure and related ISS Products for Lawful Interception and Mass Surveillance

10:15-11:15

Understanding Mobile Wireless Infrastructure and Related ISS Products for Interception and Surveillance

Exhibits

Tuesday, 14
March 2017, 10:00-17:00

Wednesday, 15
March 2017, 9:30-12:30

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

13-15 MARCH 2017 • JW MARRIOTT • DUBAI, UAE

11:30-12:30

Understanding the Internet Over-the-Top (OTT) Services and Related ISS Products for Interception and Surveillance

Seminar 3

13:30-15:45

SS7 Vulnerabilities and Intercept Options

Presented by: Dr. Jerry Lucas, President, TeleStrategies and a Distinguished Telecom Technology Expert to be announced

There are two very important aspects of telco SS7 infrastructure law enforcement and interior security needs to understand. For law enforcement: you can locate and track a target anywhere in the world if they just turn on their cell phone. For Interior Security: Injected Nation – State Malware can completely disable today's telecom networks.

This two hour session addresses:

- SS7 Infrastructure Architecture Basics
- Law Enforcement Challenges with Current SS7 Architecture
- SS7 Attack Vectors and Protocol Attack Scenarios
- How to Achieve an International Call Intercept
- What Else: Inbound Call Forwarding, SMS Intercept, Denial of Target Service and more!

Seminar 4

16:00-17:00

The Implications of multi-IMSI and OTA for Law Enforcement and the Government Intelligence Community

Presented by Dr. Jerry Lucas, President, TeleStrategies and a Distinguished Telecom Technology Expert to be announced

The era of SIM Cards with static IMSIs issued by cellular operators is changing. Deployment of multi-IMSI as well as network programmable (OTA) SIM cards will create new challenges for law enforcement. This

session looks at the implications of multi-SIM and OTA for LEAs and Intel analysts

- Understanding IMSIs, MSISDNs and Subscribers
- Growth of multi-IMSI and Multi-MSISDN and Impact on Law Enforcement Target Tracking
- Over The Air (OTA), Billing Fraud, Softsim Vulnerabilities and more!

Seminar 5

13:30-15:45

Defeating Network Encryption: What Law Enforcement and The Intelligence Community Needs to Understand

Presented by Matthew Lucas, (Ph.D Computer Science), VP, TeleStrategies

The starting point to defeating encryption is to separate techniques addressing stored encrypted data such as with the Apple iPhone issue. The other challenge is defeating encrypted data in transit (Telegram, Whatsapp, etc.) or so called Network Encryption. This webinar is about defeating the later.

When it comes to defeating network encryption the technical community separates into two camps. Those who want to impede law enforcement and the government intelligence community from defeating network encryption: IETF, Silicon Valley and hundreds of third party encryption services. And your camp, those who want to investigate criminals and terrorist group, who depend on network encryption.

Webinar Part I: Review of Overall Encryption Ecosystem

- Where is network encryption placed: devices, access and applications
- Current efforts from the IETF, Silicon Valley and privacy groups to further enhance encryption

Webinar Part II: Proven Techniques to Defeat Network Encryption

- Man-in-the-Middle Attacks
- Encryption Downgrade Attacks
- Web Exploits
- Available Malware Toolkits
- IT Intrusion

This seminar concludes with specific case examples and follow-up resources discussion.

Seminar 6

16:00-17:00

Investigation Techniques for Unmasking TOR Hidden Services and Other Dark Web Operations

Presented by Matthew Lucas, (Ph.D Computer Science), VP, TeleStrategies

TOR networks are notoriously effective at hiding the online identity of criminals, terrorists and others who are up to no good. The other side that receives less attention are TOR hidden services. These are services that leverage TOR's anonymizing capabilities to mask the identity of criminally-hosted online services - forming the basis of just about all illegal gambling sites, drug markets, child exploitation material, firearm sales, terrorism propaganda, and more.

This seminar will present exactly:

- How TOR Hidden Services Work
- The Scale/Scope of TOR-Based Online Markets
- How are TOR Hidden Services Set-up and Searched
- How to Identify TOR Hidden Service Traffic
- How Bitcoin is used in Dark Web Transactions
- Basics of Bitcoin Clustering Analysis
- Other Dark Web Operations Outside of TOR Hidden Service
- And More

Wednesday, 15 March 2017

Seminar 7

8:30-9:30

First Step in Bitcoin Investigations: Clustering Bitcoin Addresses and Blockchain Data Analytics

Presented by Matthew Lucas, (Ph.D Computer Science), VP, TeleStrategies

Investigators looking at bitcoin transactions and the blockchain might think that having an open public ledger listing every transaction from the beginning of bitcoin time makes

correlating transactions easy. It is not. Addresses are created at will, and transactions can often appear all but random events. This webinar will look at how you make sense of the blockchain using address clustering technologies. Topics covered include:

- Clustering dark market and exchange addresses
- Correlating darkweb transactions on the blockchain
- Identifying/tracing tumbled addresses
- How online markets manage and use bitcoin accounts
- Exchange tracking and dark markets money in/out flow

Seminar 8

11:45-12:45

Top 20 Open Source Tools (OSINT) Used in Cybercrime Investigations

Presented by Mark Bentley, Communications Data Expert, National Cyber Crime Law Enforcement, **UK Police**

Tuesday, 14 March 2017

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 Middle East has Solutions

Dr. Jerry Lucas, President, **TeleStrategies**

Track 1

Lawful Interception and Criminal Investigation Training

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

Tuesday, 14 March 2017

9:00-10:00

Current and Future Standardization Challenges: Encryption, Network Functions Virtualization, Cloud Computing and More

Alex Leadbeater, Chairman, SA3 LI and EU Data Retention Compliance Manager, **BT**

11:30-12:00

LI in Clouds, SDN & NFV

Rudolf Wunschuh, **Utimaco TS GmbH**

12:00-12:30

Scalable LI Solutions for dealing with LTE/VoLTE Roaming and OTT

Michael Hammer, Principal Engineer, **Yaana Technologies**

14:00-14:30

High-Speed NAT Logging

Rene Nitzinger, **Utimaco TS GmbH**

15:30-16:00

Application Monitoring in 100G Networks

Petr Kastovsky, **Netcope Technologies**

16:00-16:30

Amplifying Security Intelligence with Visual AI

Presented by **Abiba Systems**

Wednesday, 15 March 2017

8:30-9:30

Bitcoin 101: Introduction to What Technical Investigators Need to Know about Bitcoin Transactions, Dark Web Commerce and Blockchain Analysis

Presented by: Matthew Lucas, (Ph.D Computer Science, VP, **TeleStrategies**

Track 2

OSINT Automation and Cyber Threat Detection

This track is for Private Enterprise Investigators and Law Enforcement who are responsible for Real Time Threat Detection and Mitigation.

Tuesday, 14 March 2017

9:00-10:00

Multi-Source Intelligence Collection & Big Data Analytics

Presented by **Nanjing Sinovatio Technology**

14:00-15:00

How to catch your target in YouTube – Using OSINT and biometric voice recognition

Presented by **ATIS systems**

15:30-16:30

Intelligence Analysis on Big Data

Presented by **Nanjing Sinovatio Technology**

Track 3

Cyber Security and Counter Intelligence

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

Monday, 13 March 2017

10:15-11:15

SkyTale: Military Grade Encryption for real world tactical security

Presented by **Global Security Network (GSN)**

Tuesday, 14 March 2017

9:00-9:30

The 10 Commandments of Cyber Counter Intelligence

Presenting by **DarkMatter**

9:30-10:00

Can Cyber Security regulations help the authorities?

Presenting by **DarkMatter**

11:30-12:00

Securing the Mobile, Embedded and Cyber Physical Systems

Presenting by **DarkMatter**

12:00-12:30

Through the looking glass: can I trust you or not?

Presenting by **DarkMatter**

14:00-15:00

Unidirectional Gateway: the business case and 3 case studies

Presented by **Global Security Network (GSN)**

15:30-16:30

Secure Mobile Communication

Presented by **Advantal Technologies**

Wednesday, 15 March 2017

10:30-11:30

Cross domain security solution: real life case studies

Presented by **Global Security Network (GSN)**

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

Monday, 13 March 2017

10:15-11:15

FinFisher™: The End to End approach to Cyber Investigations

Presented by *FinFisher*

11:30-12:30

ClearTrail session TBA

Presented by *ClearTrail Technologies*

14:45-15:45

A World of Possibilities - Remote Exploitation of Smartphones and PCs

Presented by *FinFisher*

Tuesday, 14 March 2017

9:00-10:00

FinFisher Session TBA

Presented by *FinFisher*

11:30-12:30

"CONNECT THE DOTS" on a Right Click!

Sanjeev Sharma, Director of Engineering, ClearTrail Technologies

15:30-16:30

In-Line tactical IP probing: practical demo and use cases from the field for passive/active interception and remote infection

Presented by *RCS S.p.A.*

Wednesday, 15 March 2017

8:30-9:30

New challenge Network Monitoring: IPv4 disambiguation and rich metadata SIGINT in the age of encryption

Presented by *AREA*

Track 5

LEA, Defense and Intelligence Analyst Training and Product Demonstrations

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

Monday, 13 March 2017

9:00-17:00

Practitioners Guide to Internet Investigations

Mark Bentley, Communications Data Expert, National Cyber Crime Law Enforcement, UK Police

Tuesday, 14 March 2017

9:00-10:00

Lawful Interception in 2017. VoLTE and Metadata Analysis on encrypted services like WhatsApp, Viber & Telegram

Presented by *IPS*

11:30-12:30

How to quickly and efficiently identify suspects - Live demonstration analyzing complex data generated from multiple Monitoring Centers

Presented by *trovicor*

12:00-12:30

Real-time target location tracking - Live demonstration detailing how to generate intelligence from location information

Presented by *trovicor*

14:00-15:00

Tracking Location and calls of foreign nationals through the use of a passive strategic mobile interception system

Presented by *VASTech*

15:30-16:30

IP Address Resolution - Breaking the Anonymity of Network Address Translation

Charles Liu, Yaana Technologies

Wednesday, 15 March 2017

8:30-9:30 **SESSION A**

Next generation LI-MC: extracting intelligence from Meta-Data with easy-to use DPI and Big Data analysis capabilities in a unique platform.

Presented by *RCS S.p.A.*

8:30-9:30 **SESSION B**

"CONNECT THE DOTS" on a Right Click!

Sanjeev Sharma, Director of Engineering, ClearTrail Technologies

10:30-11:00

How to uncover patterns in communication - Live demonstration on utilizing email analysis to detect corruption

Presented by *trovicor*

10:30-11:30 **SESSION B**

VITOK – 3X: Universal platform for Data Collection and Analysis

Roman Khokhlov, Head of Information Security Department, NORSI-TRANS

Track 6

Social Network Monitoring and Big Data Analytics Training and Product Demonstrations

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

Monday, 13 March 2017

11:30-12:00

The New Forensic Investigator Toolbox: from Tactical to Open Source Investigations

Presented by *AREA*

13:30-14:30

Beyond Lawful Interception without the need of Hacking! A new approach to the IP investigation on encrypted services like Facebook, Gmail and WhatsApp

Presented by *IPS*

14:45-15:45

Actionable Intelligence with the SDL Government Language Platform (SDL GLP)

Patrick Vanderper, SDL

Tuesday, 14 March 2017

9:00-10:00

10 Best Practices on All Media Monitoring

Bear Xu, CEO, Knowlesys International Limited

11:30-12:30

OSINT-based Social Engineering

Presented by *S2T*

11:30-12:30 **SESSION B**

Post Trojan Infiltration: The new Digital Undercover Agent

Presented by *AREA*

14:00-15:00

Aegis, the overall interception system based on big data

Presented by *Semptian*

15:30-16:30

Handling Multilingual Big Data with Automated Translation

Claudiu Stiube, SDL

Wednesday, 15 March 2017

8:30-9:30 **SESSION A**

Automatic Exploitation of Social Network, Deep and Dark Web for Enhanced Target Profiling and Public Sentiment Analysis

Presented by *IPS*

8:30-9:30 **SESSION B**

Converging information from multiple sources to create holistic target profile

Presented by **S2T**

10:30-11:30

Turning Social Networks Analysis into Intelligence and Social Engineering

Presented by **RCS S.p.A.**

11:45-12:45

Top 20 Open Source Tools (OSINT) Used in Cybercrime Investigations

Mark Bentley, Communications Data Expert, National Cyber Crime Law Enforcement, UK Police

Track 7

Mobile Signal Intercept and Electronic Surveillance Training and Product Demonstration

This track is for Law Enforcement, Interior Security and the Government Intelligence Community who must work with cellular and mobile satellite operators regarding mobile location, electronic surveillance and intercept.

Monday, 13 March 2017

13:30-14:30

Deep Cover Audio Surveillance and Miniature Hybrid Tracker

Presented by **TELECELL (Inteltronix)**

Tuesday, 14 March 2017

9:00-10:00 **SESSION A**

VSAT Interception made easy

Presented by **VASTech**

9:00-10:00 **SESSION B**

GSM Tactical Interception System for 3G and 4G

Presented by **Advanced Systems**

11:30-12:30 **SESSION A**

Passive Tracker, the 3 in 1 target-transparent phone finder.

Presented by **Semptian**

11:30-12:30 **SESSION B**

NeoSoft Data Traffic Analyzer for Mobile Monitoring.

Presented by **NeoSoft AG**

14:00-15:00 **SESSION A**

Carrier in Carrier (Double Talk®) Satellite Interception

Presented by **Advanced Systems**

14:00-15:00 **SESSION B**

Future proofing your COMINT Systems

Presented by **EXFO Homeland Security**

15:30-16:30

Virtual Reality and Tactical Location Finding

Presented by **BTT**

Wednesday, 15 March 2017

8:30-9:30

IMSI Catcher, Target localization, Active and Passive Interception, Basics and Options

Presented by **NeoSoft AG**

10:30-11:30

Tactical Operations with a Strategic Vision with a Command and Control Center using Audio, Video and GPS

Presented by **IPS**

Exhibits

Tuesday, 14 March 2017, 10:00-17:00

Wednesday, 15 March 2017, 9:30-12:30

Registration Information

Save \$300 by registering before 7 February, 2017

Telecommunications Service Provider or Enterprise Registration

ISS World Conference (Tracks 1 to 2), Pre-Conference Seminars and Exhibits.....\$995
Registration after 7 February 2017\$1,295

Law Enforcement/DHS/IC/DoD Registration*

ISS World Conference Training Tracks 1-7, Pre-Conference Seminars plus Exhibits.....\$995
Registration after 7 February 2017\$1,295

Vendor Registration

ISS World Conference (Tracks 1 to 2), Pre-Conference Seminars and Exhibits.....\$995
Registration after 7 February 2017\$1,295

*Note: To Attend the LEA/DHS/IC/DoD Training Tracks 3-7 you must be a sworn law enforcement officer or military/intelligence/government employee. Also you must register by 11 March 2017 in order to verify eligibility. Government photo ID required for Tracks 3-7 classroom access.

Free Colleague Registration: Register as paid and you can invite a colleague to join you at ISS World Middle East with a full, free conference pass. If you have not identified your guest at this time, just enter "guest of" followed by your name and complete with your contact information. You can register your guest at no charge at a later time.

Conference and Exhibitions: JW Marriott Hotel Dubai.

To reserve a room go to <http://cwp.marriott.com/dxbae/issworlddubai> or call 971 42624444.

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

Phone: 1-703-734-7050

Fax: 1-703-734-9371

Online: www.issworldtraining.com



DarkMatter is a cybersecurity firm that is transforming the cybersecurity landscape by providing a complete range of state-of-the-art services and solutions to government and commercial clients. As a trusted partner, the firm also works with leading global companies operating in the field of electronic security and cybersecurity. DarkMatter takes a comprehensive end-to-end approach to helping its clients navigate the complex and ever evolving world of threat and risk mitigation strategies, tools, policies and systems. Solutions include strategic advisory, security consulting, security products and services and recovery.

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Advanced Systems is a provider in Comint solutions ; Advanced Systems provide lawful interception system for voice and IP. We are specialized in handling very big data streams (several 100GBit/s), being able to retrieve any interesting information thanks to our embedded "Analytics Intelligence" and our Intelligent Data Retention System. Advanced Systems can provide also massive passive GSM off the air interception system.



AQSACOM is a global leader in Telecommunications Security Solutions, providing real-time Lawful Interception, Data Retention, Mobility Tracking and Surveillance Solutions. AQSACOM's core business focuses upon end-to-end, turnkey systems for fulfilling Lawful Interception requirements and specializes in work involving highly heterogeneous networking and service environments. AQSACOM's diverse customer portfolio includes clients from more than 35 countries spanning 5 continents. Regional offices are located in Paris, Dubai, Hyderabad, Melbourne, Florianopolis, and New York City.



AREA, is the Italian leading technology Industry and provider of Unconventional Communication and IP Info-Intelligence solutions. AREA provides an "end to end" Dual Use Info-Intelligence CC for HLS/HL scenarios; satisfying Government Agencies' need to securely and effectively gather precious information to contrast menaces to Citizen's security and prevent digital attacks.



ATIS systems is a German, private held company with an outstanding history of success and experience in providing turn-key state-of-the-art lawful interception technology and monitoring solutions to master the rising challenges government law enforcement and intelligence agencies encounter. Our Klarios® products are: Monitoring Systems, ATIS umbrella IMS / Mediation, Data Retention Systems, IP Analytics, Biometric Voice Recognition.



ClearTrail Technologies is a leading provider of Communication Analytics Solutions that derives intelligence from data unlike ever before. As the threat landscape is changing rapidly, conventional monitoring approaches are getting obsolete and government agencies & enterprises need a new way of monitoring and analysing the communication networks. ClearTrail has come up with path breaking solutions that are designed to analyse even dark communication in massive data sets and connect the dots to create a single view of "Person of Interest." Our solutions are designed to transform the investigation paradigm from reactive to proactive, empowering our clients to perceive emerging threats & reveal the potential suspects behind it.



FinFisher solutions help government law enforcement and intelligence agencies to identify, locate and convict serious criminals. With innovative products, tailor-made solutions and end-to-end services FinFisher closes the gap in traditional investigative methods. Its portfolio allows governments to gain access to protected, offline information and relevant web-based communication channels.



Global Security Network (GSN) is a UAE based, French-owned Company with more than 17 years of experience in delivering high-end IT Security projects. GSN focuses on specialized IT Security solutions & services for the military, law enforcement, critical infrastructure and oil & gas sectors in the Middle East. GSN is the value-added distributor of Fox-IT Netherlands, in the Middle East. GSN is responsible for the distribution of the Fox DataDiode, the leading European one-way gateway solution for national security, SCADA, and ICS/DCS applications. GSN also offers the full spectrum of IS consulting services such as VA/PT, Risk Management, Auditing (ISO -27001, IEC62443, ISF) and Incident Management.



IPS is an Italian high-tech company with 28 years' experience in the design and delivery of "turnkey" solutions for Communication Monitoring and Analysis. IPS solutions are specifically designed for Homeland Security Departments and Intelligence Agencies that need to intercept, collect and deep analyze heterogeneous data such as phone calls, Internet traffic, data coming from electronic surveillance devices and third parts databases. The IPS monitoring platforms are used today in more than 15 countries in 4 continents: Europe, Latin America, Africa and Asia.



Knowlesys provides all-in-one web intelligence monitoring system for law enforcement agencies & intelligence agencies: Knowlesys Intelligence System (KIS). KIS will help clients mine massive information from social media (Twitter, Facebook, Youtube, Insatgram ...) and traditional websites (Forum, Chat Room, News ...), and turn them into actionable intelligence by automatic analysis and manual processing.



NeoSoft AG aims at the development, production and distribution of informatics and security products, based on cellular technologies 3G, GSM, LTE, CDMA. Our worldwide known equipment is: GSM/3G Mobile Active Monitoring System, GSM Passive and Hybrid Monitoring Systems, CDMA Passive and Active Monitoring Systems, IMSI/IMEI GSM/UMTS/LTE catcher, InPoint SMS System, GSM communication system, Localization System, Rescue solutions.



Polaris Wireless is the global leader in providing high-accuracy, software-based wireless location solutions for wireless operators, law enforcement/government agencies and location-based application companies. Since 2003, Polaris Wireless has successfully completed 49 global deployments for public safety, national security and commercial LBS applications. Polaris Wireless is the recipient of the prestigious Frost & Sullivan "2011 and 2014 Enabling Technology of the Year" award for its patented Wireless Location Signatures technology that uniquely enables accurate indoor, outdoor and vertical location and accurate mass location.



RCS provides highly scalable, secure and comprehensive lawful interception and digital surveillance systems to approved Governments and Agencies enabling them to digitally collect and see a deep and rich intelligence picture of their persons of interest and to visualise their timings, intentions and capabilities. Collection – Decoding – Processing – Correlation – Analysis.



S2T provides big data solutions to support making sense of large volumes of information. Our GoldenSpear solutions enhance the capabilities of organisations and analysts in web and cyber collection, collation, analysis and generating insights and reports. These solutions leverage powerful collection capabilities spanning web sites, social media networks, darknet, and end-user devices and harness big data analytics, machine learning, and powerful visualisation tools.



SDL is a global provider of language processing solutions for Government and Intelligence Organizations combining social media monitoring, automated language translation and data analytics technologies to meet today's demanding government intelligence requirements. The SDL Government Intelligence Language Platform (GLP) is a critical component in any governmental intelligence framework. GLP enables high quality, real-time translation and analytics of massive quantities of data sourced from the internet or other electronic feeds. GLP offers secure, on premise technologies and API's for handling sensitive data across 100+ language combinations.



Semptian Technologies Limited is a network solutions expert with over 10 years of technical experience. Founded with a focus on continuous product innovation, Semptian is internationally recognized as a network-monitoring specialist delivering resources with a sincere and quality attitude. Reaching customers across the globe, Semptian has established itself in regions including Asia, Africa and the Middle East. Working with clients including intelligence groups, defense organizations and law enforcement agencies, Semptian has solutions for various projects and objectives facing these teams today.



Sinovatio is a leading global network security solutions provider which is founded in 2003. Based on our dedication to customer-centric innovation and strong partnerships, we have established end-to-end capabilities and strengths across the lawful interception, wireless locating, intelligence analysis, digital forensics, video surveillance, intelligent fencing, public opinion mining and other related fields. As excellent network security expert, we are committed to creating maximum value for global consumers by providing competitive network security solutions and services. Our products and solutions have already been deployed in over 20 countries.



Trovicor is a world leader in lawful intelligence technology, providing end-to-end monitoring and intelligence solutions to more than 35 governments across the globe. With 20+ years' experience of collaborating with governments worldwide, trovicor's solutions are a powerful tool proven to help governments protect their citizens against the threat of criminal activity and safeguard national security. With these tools, we help criminal investigators detect traces of criminal activity, identify suspects and transform this intelligence into reliable and accurate evidence to be used in court.



Since 1994 Utimaco has been developing lawful interception and data retention systems for telecom operators and Internet service providers. Utimaco's carrier-grade systems enable real-time monitoring and long term data retention in public telecommunication networks. The systems interface with essentially all common network technologies and communications services. Utimaco is the preferred partner of many of the world's leading network equipment manufacturers. With around 250 installations in over 80 countries, Utimaco is a leading global supplier in the Lawful Interception and Data Retention market. Utimaco participates in LI standardization and supports international standardization institutes and telecom associations, such as, ETSI, 3GPP, ANSI/ATIS and Bitkom.



VASTech (Pty) Ltd, an independent company, created in 1999, with the head office in South Africa, and offices located in Dubai and Switzerland, is recognized internationally as a leading edge innovator and preferred independent global supplier of massive data acquisition, utilization and value extraction solutions. The goal of VASTech's products and services is to reduce cross border serious crimes and terrorist activities. We provide solutions to governments not under United Nations or other security sanctions.