



# 2018 ERII COUNTERESPIONAGE CONFERENCE

September 20-22, 2018 / Embassy Suites Old Town Alexandria, VA



## CONFERENCE PROGRAM





## 2018 ERII Counterespionage Conference

Dear Attendees:

**On behalf of the Espionage Research Institute International (ERII), and its Advisory Board, it is our great privilege to welcome you to the 2018 ERII Counterespionage Conference in Old Town Alexandria, VA.**

ERII's conference is an annual gathering of membership to discuss industry news and events, listen to presentations by esteemed TSCM/counterespionage professionals, see demonstrations of new TSCM equipment and network with our distinguished colleagues. **We thank the ERII members, Sponsors and invited Guests who will present at the 2018 conference!** Your participation is much appreciated, as is your willingness to share your knowledge with attendees representing the TSCM, counterintelligence and counterespionage communities.

We welcome two Gold Sponsors to the 2018 ERII conference. **Please join us in showing our appreciation to Professional Development TSCM Group Inc. (PDTG) and Berkeley Varitronics Systems Inc. (BV Systems) for sponsoring the 2018 ERII Counterespionage Conference.** The support of our conference Sponsors, and their excellence in products, technology and software helps to equip the TSCM community for success. **Thank you PDTG Inc. and BV Systems!**

We are hopeful that the 2018 ERII Counterespionage Conference will provide you with valuable information, knowledge of important TSCM tools/products and significant networking opportunities. The evenings also offer a chance to experience Old Town Alexandria, including historic sites, shopping and dining. Enjoy your time in Alexandria!

Once again, welcome to the 2018 ERII Counterespionage Conference.

Best,

*J.D. Leasure*

Director

Espionage Research Institute International



## 2018 ERII Counterespionage Conference

### Kestrel TSCM<sup>®</sup> Professional Software

*RF Sweeps, Capture, Analysis, and Remote Spectrum Surveillance and Monitoring, have Never been this Easy!*

### Signal Intelligence Support System

*Developed in Canada, Kestrel TSCM<sup>®</sup> is well Positioned to Hunt in a Complex Signal Environment!*

**Not Just Another TSCM Spectrum Analyzer! | Now You Can Have Tomorrows TSCM Software — Today!**

## Kestrel<sup>®</sup> is Leading the Way as a Global Frequent Flyer!

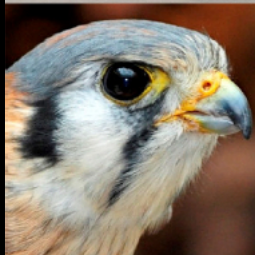
*Defining the  
Evolution of TSCM  
within a Modern  
Moving Target  
Threat Model...*

[www.kestreltscm.com](http://www.kestreltscm.com)



**Kestrel-net<sup>™</sup>**

The Signal Hound (SM200A) Spectrum Monitoring Rx ([www.signalhound.com](http://www.signalhound.com)) in combination with the Kestrel TSCM<sup>®</sup> Professional Software is the ultimate Software Defined Radio (SDR) platform for commercial and government TSCM, SIGINT and Remote Spectrum Surveillance and Monitoring (RSSM)<sup>™</sup>, offering a high Probability of Intercept (POI) across a 20 GHz spectrum, at search speeds up to 1 THz @ 30 kHz RBW, within an industry leading and powerful feature rich software environment that places the technical operator decidedly back in command of mission and analytical analysis.



## Professional Development TSCM Group Inc.

*"Innovation is Simply the Beginning..."*

[www.kestreltscm.com](http://www.kestreltscm.com)

[www.pdtg.ca](http://www.pdtg.ca)

[www.ctsc-canada.com](http://www.ctsc-canada.com)

Telephone: 1-647-293-7384

Email: [pdtturner@pdtg.ca](mailto:pdtturner@pdtg.ca)

Contact: Paul D Turner, TSS TSI





2018 ERII Counterespionage Conference

*Cell phone + Wi-Fi + BT/BLE threat detection*

**YORKIE-PRO**

*Handheld wireless intrusion detector*





## 2018 ERII Counterespionage Conference

### Schedule of Events

**Thursday - September 20, 2018**

Time	Description	Location
6:00 AM - 9:30 AM	<b>Made To Order Breakfast For Hotel Guests</b>	Main Hotel Lobby
8:30 AM - 9:15 AM	<b>Welcome, Opening Address by J.D. LeaSure, Director of ERII &amp; Overview</b>	Mason Room A/B
9:15 AM - 10:15 AM	<b>Are Traditional RF Bugs Dead? An Update on Global Wireless Surveillance By Jason Miles Dibley, Technical Director, QCC Global Ltd.</b> "An examination and update on global long-range surveillance technology. Wi-Fi, Cellular, Satellite, Bluetooth and Hybrid. Why use limited range RF devices!"	Mason Room A/B
10:15 AM - 10:45 AM	<b>Break (Refreshments)</b>	Mason Prefunction
10:45 AM - 12:00 PM	<b>Challenges in Delivering a Coherent Technical Security Program By Paul D. Turner (TSS, TSI) Corporate Director of Professional Development TSCM Group Inc.</b> "A discussion on the challenges posed by a modern threat environment and how technical security strategies can be integrated into an organization's structure and culture to achieve this objective."	Mason Room A/B
12:00 PM - 1:00 PM	<b>Lunch</b>	Mason Prefunction
1:00 PM - 2:00 PM	<b>Physical Security and the Electronic Surveillance Threat by George Carey, President and Founder of Technical Surveillance Solutions LLC.</b> "This presentation will provide an overview of common security vulnerabilities the TSCM professional needs to be aware of when assessing the physical security of a building."	Mason Room A/B
2:00 PM - 2:10 PM	<b>Break</b>	Mason Prefunction
2:10 PM - 3:10 PM	<b>An Introduction to the Signal Hound SM200A Spectrum Monitoring Receiver By Paul D. Turner (TSS, TSI) Corporate Director of Professional Development TSCM Group Inc.</b> "A working demonstration and overview of the SM200A capabilities."	Mason Room A/B
3:10 PM - 3:30 PM	<b>Break (Refreshments)</b>	Mason Prefunction
3:30 PM - 4:30 PM	<b>Boardroom Finds By Charles Patterson, President of Exec Security TSCM.</b> "Presenting boardroom/hotel conference room discoveries that were not specifically eavesdropping devices, yet still very important to the client, demonstrating the value of and need for professional TSCM sweeps."	Mason Room A/B
4:30 PM - 5:00 PM	<b>Introduction to ORIUS™ DF Wi-Fi Interrogator by J.D. LeaSure, President/CEO of ComSec LLC.</b> "This presentation will provide an overview of ORIUS™ DF, a portable hand-held device engineered to detect and locate any device transmitting data, video or audio over the Wi-Fi network."	Mason Room A/B
5:00 PM - 5:30 PM	<b>ERII Advisory Board Meeting (For Board Members Only)</b>	Mason Room A/B



## 2018 ERII Counterespionage Conference

### Schedule of Events (Continued)

Friday - September 21, 2018

Time	Description	Location
6:00 AM - 9:30 AM	<b>Made To Order Breakfast For Hotel Guests</b>	Main Hotel Lobby
8:00 AM - 8:05 AM	<b>Daily Conference Briefing by J.D. LeaSure, Director of ERII</b>	Mason Room A/B
8:05 AM - 9:15 AM	<b>The Story Behind the Story - Best of Enemies: The Last Great Spy Story of the Cold War by Michelle "Mox" Platt, President/CEO, MLI &amp; Associates Inc.</b> "A Daughter's Perspective – Hear from Michelle "Mox" Platt, the daughter of the late CIA case officer Jack "Cowboy" Platt who will share stories and lessons learned about her father's final contribution to the country he loved so much --- and his unexpected friendship with a Russian KGB agent, Gennady Vasilenko, the enemy who became his friend and brother."	Mason Room A/B
9:15 AM - 10:10 AM	<b>5G - Three Paradigm Shifts That Will Impact TSCM Inspection Protocols By John B. Minor, Communications Expert.</b> "The emerging 5G NR standard will dramatically increase espionage risk worldwide. This presentation will provide an overview of current and future non-standalone and standalone 5G network implementations. Coupled with the persistent, ongoing surveillance threat of Signals System 7, clearly 5G will impact and transform TSCM inspection protocols."	Mason Room A/B
10:10 AM - 10:30 AM	<b>Break (Refreshments)</b>	Mason Prefunction
10:30 AM - 11:15 AM	<b>Risk Transfer via Insurance for Cyber Espionage - Think Again by Jarrett Kolthoff, CISSP and President/CEO of SpearTip.</b> "Many incidents involved pure social engineering, although several of the most notable incidents involved a compromise within the company that perpetuated the fraud. The difference in technical details on these matters seem insignificant, although these are the specific elements that insurance companies are citing as Exclusions – when denying claims. We will explore how you can protect & battle test your team to prepare for these issues."	Mason Room A/B
11:15 AM - 12:00 PM	<b>A Business Case Study in Remote Spectrum Surveillance and Monitoring (RSSM) TM By Paul D. Turner (TSS, TSI) Corporate Director of Professional Development TSCM Group Inc.</b> "RSSM is the new TSCM, extending the role into more meaningful findings, and allowing the technical operator to advance new and recurring revenue streams in a changing industry. Gain insight into what it means, what it takes, and how it is done."	Mason Room A/B
12:00 PM - 1:00 PM	<b>Lunch</b>	Mason Prefunction



## 2018 ERII Counterespionage Conference

### Schedule of Events (Continued)

#### Friday - September 21, 2018 (Continued)

Time	Description	Location
1:00 PM - 2:00 PM	<b>Device Deployment - What Are We Looking For? From Quick Plant to Deep Fit By Jason Miles Dibley, Technical Director, QCC Global Ltd.</b> "A look at actual surveillance devices - open source deployment techniques and the methodology of deploying surveillance technology."	Mason Room A/B
2:00 PM - 2:10 PM	<b>Break</b>	Mason Prefunction
2:10 PM - 3:10 PM	<b>Espionage Threats: An Annual Update By David Major President of the CI Centre</b> "This segment will cover all espionage cases that have occurred in the past year, since the last ERII conference. We will discuss the cases and the lessons learned that are of value to all security professionals. A discussion of the number of cases and targets will be included in this presentation."	Mason Room A/B
3:10 PM - 3:30 PM	<b>Break (Refreshments)</b>	Mason Prefunction
3:30 PM - 4:30 PM	<b>Navigating the New Intersection of Cybersecurity and Physical Security By Scott Schober, President &amp; CEO, Berkeley Varitronics Systems, Inc.</b> "Security is all theoretical until the rubber meets the road. We examine the tools used by experts to secure business and government from hackers, breaches and newly emerging threats."	Mason Room A/B
4:30 PM - 5:00 PM	<b>ERII Member Challenge Coin Presentation by J.D. LeaSure, Director of ERII</b>	Mason Room A/B

## ABOUT THE ESPIONAGE RESEARCH INSTITUTE INTERNATIONAL

### ERII's Mission:

The mission of the Espionage Research Institute International is to educate and advance best practices in the counterespionage / counterintelligence, and TSCM community through excellence, applied learning, and research that examines issues of strategic importance to the sector.



### ERII's Aim:

The aim of ERII is to ensure the skill sets and the knowledge of TSCM, Counterintelligence and Counterespionage professionals evolves as changes in spying tactics, eavesdropping devices and detection methods occur. The organization's success is a collaborative effort of members from around the globe with expertise in various areas within the umbrella of counterintelligence and TSCM.





## 2018 ERII Counterespionage Conference

### Schedule of Events (Continued)

**Saturday - September 22, 2018**

Time	Description	Location
7:00 AM - 10:30 AM	<b>Made To Order Breakfast For Hotel Guests</b>	Main Hotel Lobby
8:30 AM - 8:35 AM	<b>Daily Conference Briefing by J.D. LeaSure, Director of ERII</b>	Mason Room A/B
8:35 AM - 9:35 AM	<b>Understanding the Ambient Spectrum Environment and the Importance of Applied Signal Analytics By Paul D. Turner (TSS, TSI) Corporate Director of Professional Development TSCM Group Inc.</b> "The spectrum is commanded by illusive modulation schemes and band reuse pushing the technical operator out of their comfort zone in a modern threat environment. The presentation provides information about understanding of the ambient environment and learning how applying elementary signal analytics can minimize uncertainty as to a signals type and origin."	Mason Room A/B
9:35 AM - 10:05 AM	<b>Introduction to Mobile Broadband Kit by J.D. LeaSure, President/CEO ComSec LLC.</b> "This presentation will demonstrate a rugged, globally deployable broadband router and modem. The solution supports commercial carriers and includes a portable power source all integrated in a grab-&-go preconfigured network solution MIL SPEC case."	Mason Room A/B
10:05 AM - 10:30 AM	<b>Break (Refreshments)</b>	Mason Prefunction
10:30 AM - 12:00 PM	<b>Terrorist Threats: An Annual Update By David Major President of the CI Centre</b> "This segment will cover all terrorist cases that have occurred in the past year, since the last ERII conference. We will discuss the cases and the lessons learned that are of value to all security professionals. A discussion of the number of cases and targets will be included in this presentation."	Mason Room A/B
12:00 PM - 1:00 PM	<b>Lunch</b>	Mason Prefunction
1:00 PM - 1:15 PM	<b>ERII Developments By Lisa LeaSure, ERII Development Director</b>	Mason Room A/B
1:15 PM - 2:15 PM	<b>Monitoring the Power Grid in Light of a New Wave of Threat Technology By Paul D. Turner (TSS, TSI) Corporate Director of Professional Development TSCM Group Inc.</b> "Monitoring the power grid within the target facility has become no less important than RF spectrum analysis."	Mason Room A/B
2:15 PM - 2:30 PM	<b>Break</b>	Mason Prefunction
2:30 PM - 3:00 PM	<b>Review of the Tech Tool Supply Ferret Wi-Fi Camera By Charles Patterson, President of Exec Security TSCM.</b>	Mason Room A/B
3:00 PM - 3:15 PM	<b>Voting for Conference Awards</b>	Mason Room A/B
3:15 PM - 3:45 PM	<b>Break (Refreshments)</b>	Mason Prefunction
3:45 PM - 4:00 PM	<b>Conference Awards Presentation by J.D. LeaSure, Director of ERII</b>	Mason Room A/B
4:00 PM - 4:05 PM	<b>Conference Closing Remarks by J.D. LeaSure, Director of ERII</b>	Mason Room A/B





## 2018 ERII Counterespionage Conference

### HELPFUL INFO:

#### **Hotel Check In / Check Out Times:**

Hotel check in begins at 3 PM and you must check out by 12 PM. If you need to check in sooner, or check out later, please make arrangements at the hotel front desk. The hotel does offer baggage storage, which can also be arranged at the hotel front desk.

#### **ERII Conference Badge:**

Badges will be available at the registration table outside of Mason Room A/B (on the 2<sup>nd</sup> floor) beginning at 7:15 am on Thursday, September 20, 2018. Be sure to wear your ERII Conference badge when attending daily conference sessions.

#### **Breakfast:**

Hotel guests can enjoy a made-to-order breakfast in the hotel lobby (on the 1<sup>st</sup> floor) from 6:00 - 9:30 AM on weekdays. Breakfast is served from 7:00 - 10:30 AM on the weekends. Breakfast includes hot and cold items such as eggs, signature custom omelets, pancakes, cereal, fruit and pastries.

#### **Food & Beverages:**

Snacks and beverages will be provided directly outside of Mason Room A/B during conference breaks. Lunch will also be served directly outside of Mason A/B on Thursday (09/20/2018), Friday (09/21/2018) and Saturday (09/22/2018).

#### **Hotel Evening Manager's Reception:**

Hotel guests are invited to the Evening Manager's Reception for snacks and cocktails in the main lobby each evening of their stay from 5:30 – 7:30 pm.

#### **Wi-Fi Internet:**

Wi-Fi Internet service is provided free of charge in guest rooms, in the common areas of the hotel and in the meeting rooms.



## 2018 ERII Counterespionage Conference

### HELPFUL INFO: (Continued)

#### **Parking:**

Self-parking for hotel guests is available at the discounted rate of \$19.00/day.

#### **Hotel Amenities:**

##### *Dining:*

An on site Lounge, Restaurant and Room Service are available to guests from 11 am to 11 pm daily. Information about these services is available at the hotel front desk or in your in-room hotel guide.

##### *Fitness Room/Pool:*

The hotel offers a fitness room, indoor pool and whirlpool. Please check your in-room hotel guide for hours and further information.

#### **Transportation:**

##### *King Street Trolley:*

Hop on this free shuttle and travel to waterfront area for your dining, site seeing and shopping enjoyment. The trolley runs every 10-15 minutes on Thursday-Saturday from 10:30 a.m.-12 a.m.

##### *Metro Subway:*

The Metro subway station is located directly across from the hotel when exiting via the hotel front lobby. A schedule/route map is available in the hotel lobby. The subway provides access to Washington, D.C. and the surrounding locations, as well as the airport.

**The hotel is located at 1900 Diagonal Road, Alexandria, Virginia, 22314.**

**TEL: +1-703-684-5900.**

Enjoy your stay!



## 2018 ERII Counterespionage Conference

### Interested In Becoming An ERII Member?

The aim of ERII is to ensure the skill sets and the knowledge of TSCM, Counterintelligence and Counterespionage professionals evolves as changes in spying tactics, eavesdropping devices and detection methods occur.



**To Apply For Full Membership:** (\$150.00 For A 365-Day Membership)

*You Must Be:*

An active TSCM Specialists having a minimum of three years current experience providing TSCM services.

**To Apply For Associate Membership:** (\$100.00 For A 365-Day Membership)

*You Must Be:*

A non-practitioner including security directors, corporate executives, law enforcement, etc.

A non-practitioner with an interest in TSCM as either a service vendor or consumer.

Please visit <https://erii.org/erii-membership/> to learn more about becoming an ERII member.

---

*Conference Notes:*



## 2018 ERII Counterespionage Conference

*Conference Notes:*