

Kestrel TSCM[®] Professional Software

“Educating the Competition | Since 1979”

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Technical Research and Standards Group (TRSG)

Paul D Turner, TSS TSI

Economic Espionage has never been as easy for unethical individuals, and those engaged professionally, in illegal forms of competitive-intelligence, business sabotage and other behaviours, and for a growing number of state sponsored actors who are often outwardly bold with open, and persistent attacks, due to the vast array of modern espionage technology, now widely available.

As a direct result, virtually all business entities are a target, and at some level, regardless of size, type, or industry, have in the past, or are likely currently victims of economic-espionage, due too an array of unidentified Technical Security (TSEC) vulnerabilities.

Sadly, only a small percentage of the most vulnerable business sector, have implemented effective Technical Surveillance Countermeasures (TSCM) programs, or engage external professional certified Technical Security Specialists (TSS)[™], to assess and implement a formal TSCM program, within their respective organizations.

As noted in the December 2016 newsletter.

“The global TSCM industry is typically very slow to respond to the evident fast paced, technology realities, starting with a changing threat model, with significant advances in detection and analysis equipment resources now available, in part, due to powerful low cost Software Defined Radio (SDR) hardware and software, and arguably, the more important element, the application of new operational deployment methods and techniques”.

The threat of a potentially devastating technical compromise remains a significant concern in a modern threat model, as the economic outlook globally continues to suffer, and many business and government entities transition from formerly secure company, managed facilities, to less protected third-party managed facilities and outside contracted management, and operational support and procurement services.

This has left many private and public sector entities susceptible to falling victim to economic-espionage activities, and risk of a significant technical compromise.

KestrelPrey III[™] | The Next Generation of RF Analysis

The past year has been witness to the official release of a new and powerful RF sweep system, including the KestrelPrey III | Advanced RF Locator[™], the Kestrel Log Periodic Antenna (PLA)[™], and the Kestrel Power Line Adapter (PLA)[™].

The KestrelPod I (ceiling mount) and KestrelPod II (portable) Ultra-Wide Band Surveillance Antennas have dominated the market globally in a Technical Surveillance Countermeasures (TSCM) and Remote Spectrum Surveillance and Monitoring (RSSM) role.

The KestrelPrey III[™] | Advanced RF Locator, the Kestrel Log Periodic Antenna (PLA)[™], and the Kestrel Power Line Adapter (PLA)[™] serve a dual purpose deployment role that minimizes the requirement for multiple, separate RF tools, such as a broadband detector, enhancing and simplifying field deployment.

The ability now exists to deploy a powerful, standalone TSCM specific system in the traditional operator assisted role, and quickly transition to a powerful, walk-about, Signal of Interest (SOI), RF locator platform.

The ability to deploy the same system, powered by the Kestrel TSCM[®] Professional Software, and configured for Multiple Receiver Operation (MRO), in a Remote Spectrum Surveillance and Monitoring (RSSM) role, can simultaneously monitor the target area power grid, and the ambient RF Electro-Magnetic spectrum, is a very powerful deployment incentive.

The Kestrel TSCM[®] Professional Software is a hardware agnostic, TSCM | RSSM specific, operator centric, low cost, full featured application that is deployment ready in a modern threat model.

With support for a wide range of professional level Software Defined Radio (SDR) hardware, the Kestrel TSCM[®] Professional Software meets or exceeds all operational threat levels and budget requirements, within the private and public sector security apparatus.

Kestrel TSCM[®] Professional Software

“You Never Really Own the Might Kestrel[®] | You Are Simply Looking After it for the Next Generation...”

Professional Development TSCM Group Inc.

Technical Security Branch (TSB)

The ambient RF spectrum continues to challenge the industry with complex modulation schemes and a wide range of new spectrum allocations, on a daily basis worldwide, demanding constant engagement in research and the professional development process.

Many changes are not well-documented or understood by most technical operators at the field deployment level, lowering the Probability of Detection (POD).

It is essential that all technical operators maintain a continuous professional development cycle, with respect to a rapidly developing new threat model, and extremely dynamic changes within the ambient RF spectrum environment globally.

The Kestrel TSCM[®] Professional Software continues to adapt and evolve with these on-going changes, and brings focus to the wild west of everything wireless, evident by the many unique, never before seen SDR features and capabilities released on a regular basis.

Canadian Technical Security Conference (CTSC 2017)

CTSC is an annual event, and an opportunity for private and public sector security apparatus to attend the longest running, TSCM and Cyber Security focused professional development conference, now into the 12th year of successful operation.

CTSC is a truly Canadian inspired event with an international following of like-minded technical security professionals.

CTSC will be held at the NAV Center in Cornwall Ontario, within driving distance of the nations Capital Region and the Ottawa and Montreal International Airports.

Online registration is now open for presenters, exhibitors, and participants for the 12th annual CTSC event.

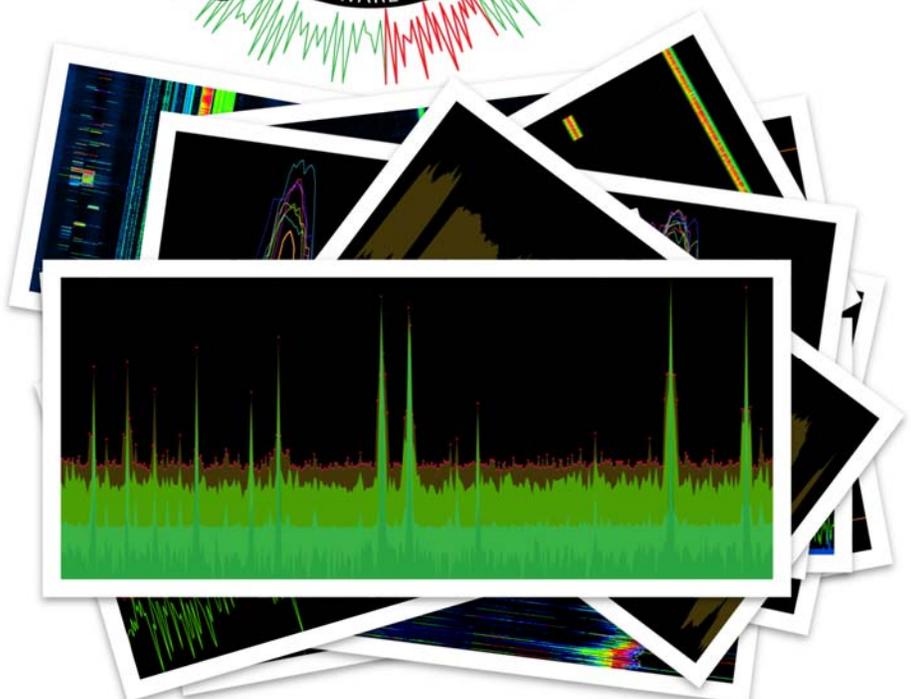
The conference runs from Tuesday April 25, 2017 to Thursday April 27, 2017

Register today! Visit www.ctsc-canada.com for details.

To learn more about developing an effective Technical Security (TSEC) program, or the benefits of utilizing the industry leading, Kestrel[®] TSCM Professional Software | Signal Intelligence Support System (SISS)[™], please contact [Paul D Turner](mailto:Paul.D.Turner@pdtg.ca), TSS TSI at Professional Development TSCM Group Inc.

| www.pdtg.ca | www.kestreлтscm.com | www.ctsc-canada.com |

Innovation is Simply the Beginning



Kestrel TSCM[®] Professional Software is innovative industry leading, disruptive technology, now sold in 27 countries worldwide.