

Kestrel TSCM[®] Professional Software

Software Defined Radio (SDR) Engineering Excellence

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Technical Research and Standards Group

Paul D Turner, TSS TSI

Kestrel TSCM Professional Software[™] | New Development

It has been a very busy first half of the year on the software development front with significant new features introduced, just as the US government has taken steps to ban some Russian and Chinese software applications for official use within the security domain.

The Pentagon is warning the US military and its contractors not to use software it deems to have Russian and Chinese connections. Officials have begun circulating a “Do Not Buy” list of software that does not meet national security standards”.

Our TRSG[™] has been concerned about this issue for several years as a wide range of foreign products have entered the market elevating the risk of national security issues.

The Kestrel TSCM[®] Professional Software is a 100% Canadian developed source-code controlled product engineered around the highest ethical practices and engineering standards.

Kestrel[®] is ideally suited to a wide range of national security related mission specific requirements.

As noted in the August 2018 newsletter.

“The Kestrel[®] TSCM Professional Software is always a work in progress with unique operator centric TSCM and SIGINT resources that support mission specific SDR hardware options from 1 Hz to 50 GHz across 9 key industry manufacturers with 37 hardware models supported”.

The number of new technology features and deployment methodology advancements found within the Kestrel TSCM[®] Professional Software is changing the way TSCM and defensive countermeasures in general is managed by professional technical operators across the private and public sector putting an end to industry complacency.

New use cases are being defined and redefined on a daily basis allowing technical security professionals to experience significantly higher Probability of Intercept (POI) and Probability of Detection (POD) consistent with real-world challenges at the corporate and national security level.

Espionage Research Institute International (ERII)

Professional Development TSCM Group Inc., is pleased to participate as an event sponsor, organization supporter and presenter / instructor at the ERII 2018 conference event being held Thursday September 20, 2018 to Saturday September 22, 2018.

As an active member of the ERII advisory board I encourage all technical security professionals to consider attending this years professional development and educational programs.

On-going professional development is the core element of delivering effective technical security programs.

Presenter: *Paul D Turner, TSS TSI*

Operational deployment and technical subject matter presentations will include;

- *Challenges in Delivering a Coherent Technical Security Program*
- *A Business Case Study in Remote Spectrum Surveillance and Monitoring (RSSM)*
- *The Importance of IQ in a Modern Threat Environment*
- *An Introduction to the Signal Hound SM200A Spectrum Monitoring Receiver*
- *Understanding the Ambient Spectrum Environment and the Importance of Applied Signal Analytics*
- *Monitoring the Power Grid in Light of a New Wave of Threat Technology*

Technical Security Specialist (TSS)[™] Certification

The decision to attend advanced concept training and certification programs is an essential requirement for those entering the industry under the guidance of a seasoned professional and for those with many years of training and operational field experience.

Attending our training is a truly unique opportunity for all experience levels and allows for the review of powerful new equipment resources, methods and techniques.

Kestrel TSCM[®] Professional Software

“Redefining Technical Security Globally as an Emerging Leader in SDR Technology within the TSCM Space”

Professional Development TSCM Group Inc.

Technical Security Branch (TSB)

Such programs can only be delivered by working and experienced Technical Security Specialists (TSS)[™] who not only are willing to share real-world experiences with participants, but also provide an honest overview of the capabilities, but also the many limitations of conducting real-world technical security inspections, such as Probability of Intercept (POI) and Probability of Detection (POD) by the numbers, which are often misunderstood, misquoted and misrepresented by many industry stake holders.

Annual refresher training is an essential must attend for every technical operator.

The Espionage Research Institute International (ERII) and the Canadian Technical Security Conference (CTSC)[™] provide excellent opportunities to learn, contribute, and enhance your professional credibility.

Kestrel[®] Session Report Generator (SRG) | v2.0

Our Software Development Group (SDG)[™] has been working long hours on our enhanced next generation report generator technology scheduled for official release with the v1.39xx installer.

Development work along the lines of a building a powerful template based platform to significantly reduce the reporting process workload by technical operators.

A properly formatted technical report consists of logical sections, which tend to follow a regular pattern from inspection to inspection.

This generational enhancement will allow the technical operator to integrate full report content and structure consisting of all necessary parts.

Provide the ability to populate large pre-written sections into a custom report and integrate arbitrary text, photos and images easily, and implement and maintain a custom operational deployment checklist.

The ability to integrate multiple components into a single coherent report for electronic or print delivery.

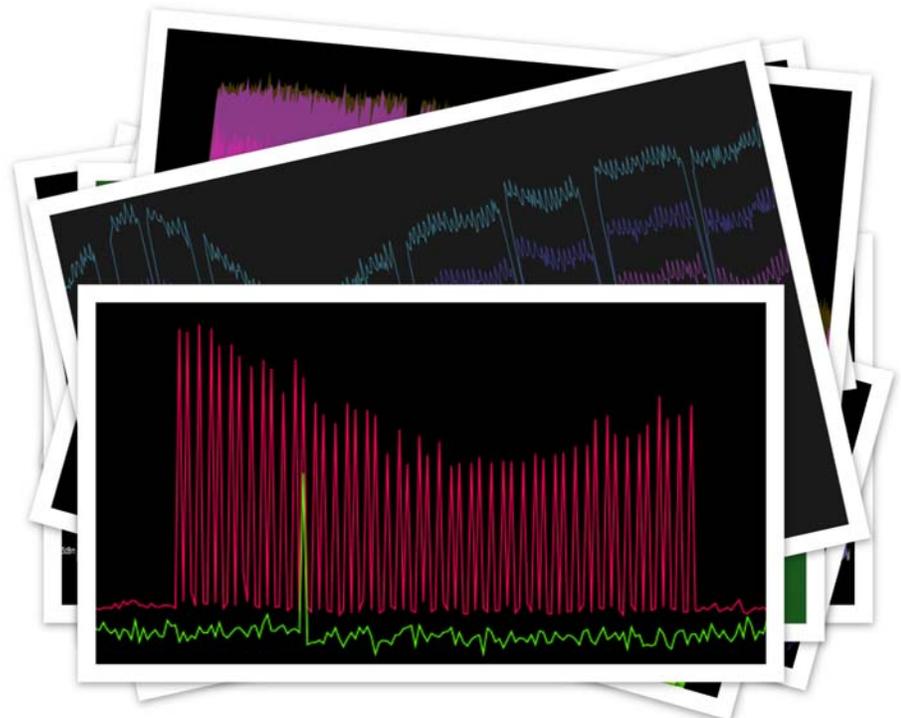
The capability to include multiple component sections of Kestrel[®] generated data sets (spectrum, waterfall, and signal list content), with unique parameters, and establish rapid regeneration of pre-existing reports to include minor modifications and output the report to a format of choice.

Technical reports can take as much time to complete as it did to complete the inspection. Our objective is to build an operational deployment tool that encompasses all of the required elements, allowing the technical operator to fully integrate their own existing report format and proprietary reporting elements into a modern report structure.

To learn more about, “what you don’t know” and what the competition doesn't what you to know” about the Kestrel TSCM[®] Professional Software, contact Professional Development TSCM Group Inc.

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Innovation is Simply the Beginning...



Kestrel TSCM[®] Professional Software is innovative industry leading, disruptive technology, sold in 36 countries worldwide.