

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

## Professional TSCM Standards and Certification

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Technical Research and Standards Group

**Paul D Turner, TSS TSI**

The Canadian Technical Security Conference (CTSC)<sup>™</sup> has become the longest running TSCM focused professional development event in Canada with an international following.

CTSC 2019 marks the 14th successful annual conference event as an integrated operational element of the TSB 2000 (Technical Standard), which includes professional standards and conduct, code of ethics, certification training, recurrent professional development training and the Canadian Technical Security Conference (CTSC)<sup>™</sup>.

As noted in the October 2018 newsletter.

*"The CTSC event has a proud history of bringing together an impressive group of industry professionals from Canada, United States of America and many other countries worldwide making CTSC<sup>™</sup> a truly international showcase of new TSCM products, techniques and methods.*

*Professional development is a powerful resource in staying current and learning about new technology advancements and methodology, within a modern threat environment.*

*The best of the best attend CTSC<sup>™</sup> to discuss industry ethics, modern equipment resources and to better understand threat technology, which is advancing at a tremendous pace within a 5G reality".*

Registration for CTSC 2019<sup>™</sup> is open for participants, and opportunities are available for speakers, exhibitors, sponsors and a number of marketing and advertising opportunities.

It is time to turn your attention to CTSC 2019<sup>™</sup> and submit a presentation for this industry significant event.

The CTSC<sup>™</sup> event has a proud history of bringing together an impressive group of industry professionals from Canada, United States of America and many other countries worldwide making CTSC<sup>™</sup> a truly international showcase of new TSCM products, techniques and methods.

Professional development is a powerful resource in staying current and learning about new technology advancements and methodology, within a modern threat environment and addressed in the TSB 2000 (Technical) Standard<sup>™</sup>.

The best of the best attend CTSC<sup>™</sup> to discuss industry ethics, modern equipment resources and to better understand threat technology, which is advancing at a tremendous pace within a 5G reality.

CTSC 2019<sup>™</sup> is a not to be missed professional development conference consisting of 3-days to powerful subject matter presentations delivered by industry professionals across the private and public sector security apparatus.

CTSC 2019<sup>™</sup> is open for business and extends an invitation to anyone who would like to deliver a presentation at this event with a TSCM, Cyber-Security, Physical Security, and other relevant subject matter.

The Kestrel TSCM<sup>®</sup> Professional Software continues to evolve to meet today's and tomorrow's threat environment with continuous research and development.

Please visit [www.ctsc-canada.com](http://www.ctsc-canada.com) for registration information for presenters, exhibitors, participants and advantage advertising and sponsorship opportunities.

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

The Kestrel<sup>®</sup> TSCM Professional Software is the leading standards based TSCM | SIGINT application and is synonymous with National Security in many countries.

Kestrel<sup>®</sup> is decidedly leading the industry one technical operator at a time with new threat detection technology and a new detection methodology.

There is nothing like the Kestrel TSCM<sup>®</sup> Professional Software when it comes to powerful advanced detection features and strategies within the bounds of a modern moving target threat model.

The Kestrel TSCM<sup>®</sup> Professional Software combines the best value and widest range of comprehensive standard included features, delivering high-performance and deployment scalability that is mission defined by the technical operator, bringing the concept of one mission, one system, firmly placing the operator back in control of the collection and analytic process for the first time since the cold war era.

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

## “The Leading National Security Software Defined Radio (SDR) Application for TSCM | SIGINT Requirements”

Professional Development TSCM Group Inc.

Technical Security Branch (TSB)

### TSCM | SIGINT Computing Requirements

Unleash the full potential of the Mighty Kestrel<sup>®</sup> with a modern computing platform.

*Awesome software demands an awesome laptop for efficient operation.*

Many operators fail to realize the benefits of running a powerful dedicated computing platform when deploying the Kestrel TSCM<sup>®</sup> Professional Software at the professional level. The computer is an essential element of the system and a quality mid-level gaming machine is recommended to achieve the best performance of the software and hardware components.

The following describes the suggested specifications for a suitable laptop for professional deployment.

- 8th Generation Intel i7 Processor
- 16 GB RAM (32 GB Recommended)
- 1 TB Samsung EVO Professional Solid State Drive (SSD)
- 8 GB of Dedicated Video RAM
- Windows 10 Operating System (OS) Professional

Fear not Windows Updates! It is essential that the system receive all software, drivers, and OS updates. Kestrel advantages the latest OS and Computing Hardware and operators who fail to maintain the latest computer updates or the latest Kestrel<sup>®</sup> release, at best will not see the best performance.

Operators who fail to spend quality time making sure the host computer platform is fully updated and the latest version of the Kestrel<sup>®</sup> software is utilized will not benefit from new features, bug fixes and efficiencies. Always Consider the benefits of investing in a new laptop as a key modernization requirement.

### Understanding Differential Signal Analysis (DSA)<sup>™</sup>

DSA<sup>™</sup> is the generic Kestrel<sup>®</sup> terminology for three (3) advanced analytical modes, which define single and multiple receiver analysis protocols.

### Location Differential Signal Analysis (LDSA)<sup>™</sup>

*Direct location based energy comparative of 50,000 / or 100,000 traces is recommended (SM200A) with 1/n=50 / or 1/n=75. Collecting too few traces is a waste of time and will not provide an acceptable level of due-diligence.*

### Time Differential Signal Analysis (TDSA)<sup>™</sup>

*Time periodic filtering and energy isolation. This can be accomplished during runtime capture or static post analytical analysis.*

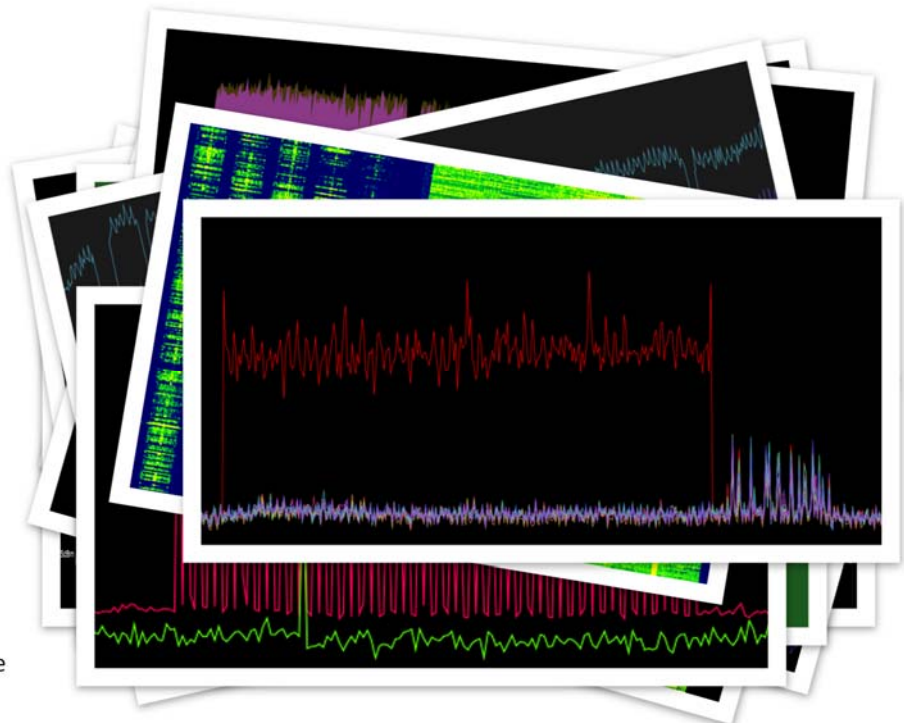
### Receiver Differential Signal Analysis (RDSA)<sup>™</sup>

*Real-time multiple receiver comparative. Advantage Multiple Receiver Operation (MRO)<sup>™</sup> for single display analytics and apply geo-location heat-mapping technology.*

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

| [www.pdtg.ca](http://www.pdtg.ca) | [www.kestreltscm.com](http://www.kestreltscm.com) | [pturner@pdtg.ca](mailto:pturner@pdtg.ca) |

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



***Kestrel TSCM<sup>®</sup> Professional Software is innovative industry leading, disruptive technology, sold in 38 countries worldwide.***