

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

## The Art of Elevating Technical Operators Into Professional Spectrum Warriors!

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Technical Research and Standards Group

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### Focus and Methodology

A highly qualified technical operator must embrace training, certification, and professional development as a guiding principle to successfully transitioning to “spectrum warrior” status. The Kestrel TSCM<sup>®</sup> Professional Software has proactively changed the industry, by introducing a powerful new methodology and standards-based approach. This shift in professional standards has taken

a decade for many industry stake-holders to understand and fully embrace; in the face of competitive compliancy and disinformation when it comes to training, certification, standards, professional development and experience.

### Total Energy Capture (TEC)<sup>™</sup>

Total Energy Capture (TEC)<sup>™</sup> and other innovative Kestrel<sup>®</sup> milestones, have dispelled the obsolete industry-wide cold war era strategy and approach. The greater global community of professional technical security operators have finally come to recognize the need for a modernized approach with an entirely modernized set of techniques and strategies. The newly introduced standards-based Kestrel TSCM<sup>®</sup> Professional Software is decidedly, the most powerful and versatile TSCM application available to the modern spectrum warrior! The Kestrel TSCM<sup>®</sup> Professional Software is intuitive agile; with a fully integrated set of extremely powerful and industry relevant key-features as an all in, easy to deploy professional level application. The Kestrel<sup>®</sup> umbrella of operator centric techniques, support and defines the importance of power line analytics, which is treated as an after-thought by competitive products. This is where operational standards start to change the game for operators. Moving from an ineffective location based trace comparative to a Time Differential Signal Analysis (TDSA)<sup>™</sup> promotes increased Probability of Detection (POD).

Developed in Canada; the Kestrel TSCM<sup>®</sup> Professional Software exploits a vast array of technological advances in Software Defined Radio (SDR) technology, to leverage low-cost computer hardware and provide a powerful, flexible, and cost-effective RF, Power Line (PL) and Optical (photonic) sensing solution. The Kestrel TSCM<sup>®</sup> Professional Software remains the lowest cost, full featured, TSCM specific, operator centric application in its class as a standards-based, industry leading TSCM platform. This powerful application supports a consistent end-user experience, across the general Kestrel<sup>®</sup> community; with interoperability, deployment scalability, and transitional mission-level work-flow, across all end-user anticipated deployment requirements.

### Training and Certification

There are too many self-proclaimed TSCM operators who have little or no real experience; using ineffective equipment resources, and relying on limited past product only training. Initial training, annual retraining, certifications, and attending professional development opportunities, is an absolute must.

### Canadian Technical Security Conference (CTSC 2023)<sup>™</sup>

CTSC 2023 is being held in Calgary Alberta Canada for the first time in the 15 year history of the event; at the University of Calgary | Downtown Campus. Our professional development oriented 3-day event runs from Tuesday April 25, 2023 to Thursday April 27, 2023. Professional Development TSCM Group Inc., will also run a special advanced 6-day Certified Technical Operator (CTO)<sup>™</sup> program the week prior from Monday April 17, 2023 to Saturday April 22, 2023, leading up to the CTSC 2023 event, also at the University of Calgary. You can attend the Kestrel certification training and conference all in a single trip to Calgary Alberta Canada. CTSC 2023 finishes up on Thursday, and participants might want to consider taking a mini-vacation in the mountains, before returning home. Canmore and Banff are just a hour’s drive (by vehicle) or shuttle bus from the Calgary International Airport. CTO training, professional development conference event, and perhaps a mini-vacation! You have three (3) very powerful incentives for joining us at CTSC 2023. Please contact us for additional information or visit;

**Remember, in a Moving Target Threat Model the Technical Operator is the Spectrum Analyzer...**

<https://ctsc-canada.com>

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

## Canadian Technical Security Conference (CTSC)<sup>™</sup>

### Training and Professional Development



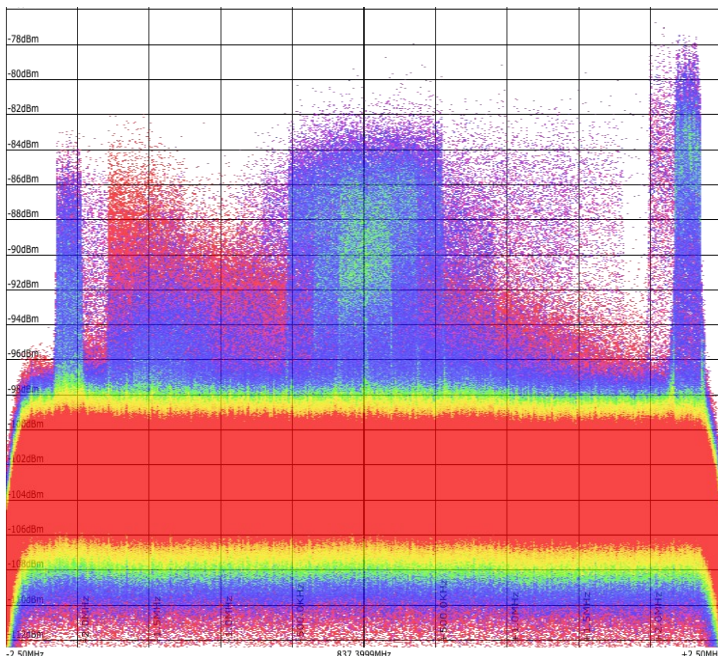
Professional Development TSCM Group Inc.

Technical Security Branch (TSB)

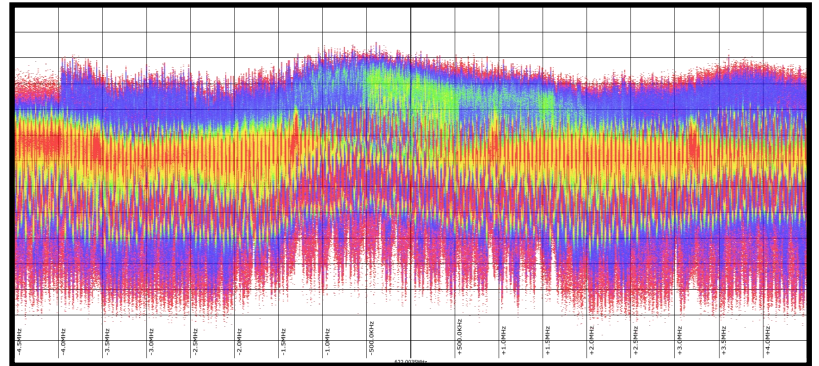
Our time honored competitive “bug-off” event, provides new technical challenges for CTSC 2023, for those entering the technical security industry; and for seasoned professionals alike. Our “office of evil intent” has been plotting and planning! Are you up to the challenge? Our low CTSC registration fee includes our hospitality night networking event on the (first evening), and our dinner and awards night on the (second evening). Lunch is included on each day of the conference. Registration is now open for participants, exhibitors, sponsors, advertisers, and speakers. The CTSC 2023 event is shaping up to be a professional development opportunity, simply not to be missed!

#### Total Energy Capture (TEC)<sup>™</sup>

The competition teaches how to operate modified spectrum analyzers. Our KSA<sup>™</sup> certification, teaches the fine art of modern day signal analytics. We teach technical operators how to define a competent Antenna Placement Distance (APD)<sup>™</sup> within a powerful Total Energy Capture (TEC)<sup>™</sup> environment. Our instructors teach technical operators to recognize gaps in detection strategies and see how past training has instilled significant limitations in the operators approach to critical thinking. Learn about TEC<sup>™</sup>, TCP<sup>™</sup>, TDSA<sup>™</sup> and other core technologies of tomorrow, that you can deploy today!



**Kestrel<sup>®</sup> provides a powerful real-time threat management enhanced, software development strategy to address new and evolving threat actor technology...**



There are many new and powerful revenue streams that can be realized by commercial operators, well beyond basic ineffective TSCM deployment strategy. Join the powerful Kestrel TSCM<sup>®</sup> Professional Software community of global national security professionals. There are many benefits realized in moving away from single box resources and moving to a modern highly scalable Software Defined Radio (SDR) technology.



**Innovation is Simply  
the Beginning!**

**Professional Development TSCM Group Inc.**  
Technical Security Branch (TSB)

| [www.pdtg.ca](http://www.pdtg.ca) | [www.kestreltscm.com](http://www.kestreltscm.com) | [www.ctsc-canada.com](http://www.ctsc-canada.com) |

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**Kestrel TSCM<sup>®</sup> Professional Software is innovative industry leading, disruptive technology, sold in 57 countries worldwide!**