

Kestrel TSCM[®] Professional Software

Professional TSCM Standards and Certification

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Technical Research and Standards Group

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There are significant specialized features relative to the Kestrel[®] TSCM Professional Software that provide unrivalled capability that can only be fully appreciated by TSCM professionals.

The Kestrel[®] TSCM Professional Software is definitively the leading standards-based TSCM | SIGINT application and is decidedly synonymous with National Security in many progressive countries (4 out of 5 allied governments).

Our standalone Autonomous Measurement and Collection System (AMCS)[™] utilizes TCP/IP to capture and transport operator defined measurements and control parameters over any network connection, within an encrypted data stream without the requirement of third-party Remote Desktop Software (RDS).

AMCS[™] was introduced more than a year ago as an optional Kestrel[®] software module, complete with an SDK and remote client for the recovery and display of transmitted measurement and control parameters over a TSP/IP connection.

As noted in the November 2018 newsletter.

"The Kestrel[®] TSCM Professional Software is the leading standards-based TSCM | SIGINT application and is synonymous with National Security in many countries.

Kestrel[®] is decidedly leading the industry, one technical operator at a time, with new threat detection "technology" and a new detection "methodology".

Kestrel[®] is leading the way with uniquely powerful standards based features all packaged in a low cost, feature rich collection environment.

The Kestrel TSCM[®] Professional Software continues to evolve to meet today's and tomorrow's moving target threat model environment with continuous scientific research and software development all conducted in Canada.

10th Anniversary of Kestrel TSCM[®] Professional Software

2019 marks the 10th anniversary of the Kestrel TSCM[®] Professional Software.

This marks an important and exciting milestone for the mighty Kestrel[®] TSCM Professional Software with a well deserved global reputation for customer excellence.

2009 marked the first release of the software with the Signal Hound (SA44B) Spectrum Analyzer and Measuring Receiver with a span of 4.4 GHz at a speed of 150 MHz / Sec and just 240 kHz of real-time bandwidth.

The Signal Hound (BB60C) Spectrum Analyzer and RF Recorder soon followed and became the industry standard with a span of 6 GHz at a speed of 24 GHz / Sec and 27 MHz of real-time bandwidth.

However, the technology leap this past year with the release of the Signal Hound (SM200A) Spectrum Monitoring Receiver has revolutionized the industry and given the Kestrel TSCM[®] Professional Software next generation capability with a span of 20 GHz at a speed of 1 THz / Sec and 160 MHz of real-time bandwidth.

All this technological development has taken place in just ten (10) short years leading up to the 10th anniversary of the Kestrel TSCM[®] Professional Software.

Autonomous Measurement and Collection Sub-System (AMCS)[™]

The Kestrel[®] TSCM Professional Software combines traditional TSCM | SIGINT features with many advanced professional standard and optional features such as the Autonomous Measurement and Collection Sub-System (AMCS)[™] technology to provide TCP/IP streaming of operator defined measurements and parameter data from multiple collection points within a local or wide area distributed RF collection environment.

The optional AMCS[™] module is a low cost, high-advanced add-on software command and control capability that provides the ability to build customized end-user file-based and TCP/IP-based collection and transport solutions around a powerful open-source Application Programming Interface (API) and Software Development Kit (SDK) that allow seamless integration and communication with the software.

Kestrel TSCM[®] Professional Software

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

Professional Development TSCM Group Inc.

Technical Security Branch (TSB)

Our included remote client application interface provides the means to run the optional AMCS[™] module without the need for end-user software development.

The optional AMCS[™] module fully integrates seamlessly into the Kestrel TSCM[®] Professional Software architecture to provide a familiar visual interface to display and view spectra in real-time whether it is transmitted TCP/IP streaming or file-based capture to the local collection platform.

The optional add-on AMCS[™] module does both seamlessly at the operator and application level.

The AMCS[™] module is driven by an operator level Kestrel Configuration Script (KCS)[™] resident within the Kestrel TSCM[®] Professional Software at the application level.

Combining the AMCS[™] capability with a powerful built in “Auto Restart” feature provides a measure of fail-safe operation to the Autonomous Measurement and Collection Sub-System (AMCS)[™] capability for sustainable long-term mission specific field deployment.



The ability to run any number of spectrum bands, or signal level channel data is fully supported within the AMCS[™] platform.

The technical operator can stream all AMCS[™] data for a shared or dedicated network connection.

Optionally, operator programming can include one or more bands written to the local storage drive for traditional capture and local analysis.

If you are not familiar with the powerful Kestrel TSCM[®] Professional Software features; such as

Automatous Measurement and Collection System (AMCS)[™]

Automatic Export Control (AEC)[™]

Command Line Programming (CLP)[™]

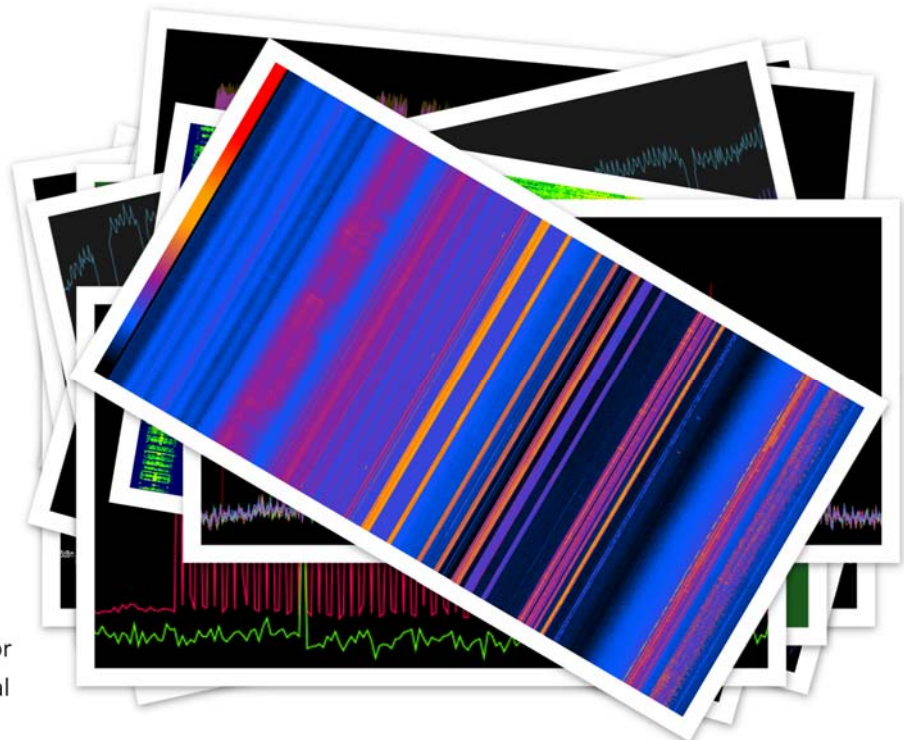
Time Differential Signal Analysis (TDSA)[™]

Contact one of our TSB certified Technical Security Specialist's (TSB)[™] 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.

The Canadian Technical Security Conference (CTSC) is confirmed for Tuesday April 02, 2018 to Thursday April 04, 2018 at the NAV Centre | Cornwall Ontario | Canada.

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Innovation is Simply the Beginning...



Kestrel TSCM[®] Professional Software is innovative industry leading, disruptive technology, sold in 40 countries worldwide.