Software Defined Radio (SDR) Solutions
Kestrel TSCM ® Professional Software

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With the recent extraordinarily successful release of the latest (v1.31-15) installer of the Kestrel TSCM ® Professional Software in January, our Software Development Group is now focused on the next anticipated (v1.32xx) code release with even more features and functionality, leading up to the 11th annual Canadian Technical Security Conference (CTSC 2016).

As noted in the January 2016 newsletter.

"It is now an essential practice to deploy Remote Spectrum Surveillance and Monitoring (RSSM), to ensure that the RF spectrum is clear, not only for a few hours during the inspection, but on a programmed (24 / 7) basis, and designed to capture potentially hostile signal events that may occur at any time of the day or night".

Professional Development TSCM Group Inc., has pioneered a new, now widely accepted concept, by bringing a new technology and methodology to the COTS market, which in turn, is now widely deployed by not only the commercial sector, but also, law-enforcement, government and military sector worldwide.

Kestrel ® Remote Spectrum Surveillance and Monitoring (RSSM), requires an innovative hardware, software, deployment methodology, and remote tactical system management, to establish a secure global working environment by reducing the potential of an undetected technical compromise.

RSSM is essential for gathering meaningful spectrum intelligence, on which to make informed decisions about potential espionage, criminal and terrorist activities on a global scale.

The Kestrel TSCM ® Professional Software was pioneered on this new "methodology", developed by Professional Development TSCM Group Inc., over more than 35 years, bringing low cost industry disruptive technology, including the first manufacturer agnostic, Multiple Receiver Operation (MRO) capability to the Technical Security (TSEC) industry, significantly extending the technical operators capabilities.

Kestrel ® improves the Probability of Detection (POD) for both operator assisted, and Remote Spectrum Surveillance and Monitoring (RSSM) ™ assignments.

Industry Disruption | The Next Generation!

Professional Development TSCM Group Inc., understands technology, and works closely with companies such as Signal Hound to continue the industry breaking design and innovation that is the "success" story in its self, for this major player in the Software Defined Radio (SDR) market.

PDTG Inc., recognized and secured the exclusive Canadian distribution market for this essential SDR product line, which has literally revolutionized the TSCM industry during the past five (5) years, and permitted the development of the Kestrel TSCM ® Professional Software around the advanced capabilities of the Signal Hound family of SDR hardware.

Finally, a manufacturer that is responsive and listens to the special needs and requirements of the many technical operators that actually deploy these receivers.

Next Generation | SM200

Signal Hound has now turned its attention to a new, even more industry disruptive technology, now in the development stage of production.

The anticipated Signal Hound SM200 Spectrum Monitor search receiver will leave the over-played (9 kHz to 6 GHz) market behind, and accelerate the company light-years ahead of the competition once again, with real new innovation.

The Signal Hound SM200 will maintain a wide 100 kHz to 20 GHz search range, with 40 MHz of real-time IF BW and anticipated sweep speeds of 160 GHz per second at 10 kHz RBW, and will employ excellent filtering, strong pre-selection, and fully adjustable control parameters.

Yes, if you thought it was not possible, this is a whopping 2.4 THz per second at 10 MHz RBW, and results in 12 GHz per second at an exceptional 1 kHz RBW.

Kestrel TSCM ® Professional Software
We Are Future Ready—Are You?

Professional Development TSCM Group Inc.

The preliminary specifications for the anticipated SM200 are ground breaking, and qualifies the SM200 as a low cost commercially available product.

The SM200 will have an on-board i5 processor, making it one of the most powerful search receivers on the market!

This is the stuff that disruptive technology is made of, while other manufacturers struggle to compete with so-called competitive 6 GHz solutions, Signal Hound, like the mighty Kestrel ®, lead the way to the future - Today!

Hardware Support | End-User Demand

Our Software Development Group is busy working with various end-user entities to bring additional hardware support to Kestrel ® this year, with current support from 1 Hz to 43 GHz, with recently added KSP for the Anritsu "T" series Spectrum Master, this past year, and other industry relevant receivers and analyzers are currently being evaluated for kestrel Support Profile (KSP), status.

Watch for additional ground-breaking announcements and development milestones over the next few months as the next major release of the Kestrel TSCM ® Professional Software is released into the wild!

Canadian Technical Security Conference (CTSC)

This is your personal invitation and opportunity to attend the only industry significant Technical Security (TSEC) conference event in Canada, now into an unstoppable 11th year running.

The Canadian Technical Security Conference (CTSC) is scheduled to run from April 26, 2016 to April 28, 2016 at our Resident Training Centre (RTC), NAV Canada located in Cornwall Ontario.

One of the undisputed highlights of the conference is our original competitive "Bug-Off" where participants can compete for prizes and bragging rights, against the skill of the "Office of Evil Intent", and gain valuable knowledge of spectrum analysis, and the many physical search tools.

Presentations focus on cyber, physical and technical security subject matter, and concepts that concern the private and public sector.

The CTSC is where industry professionals meet to discuss common concerns of technology based compromises and countermeasures, and learn from other like-minded colleagues.

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

Innovation is Simply the Beginning
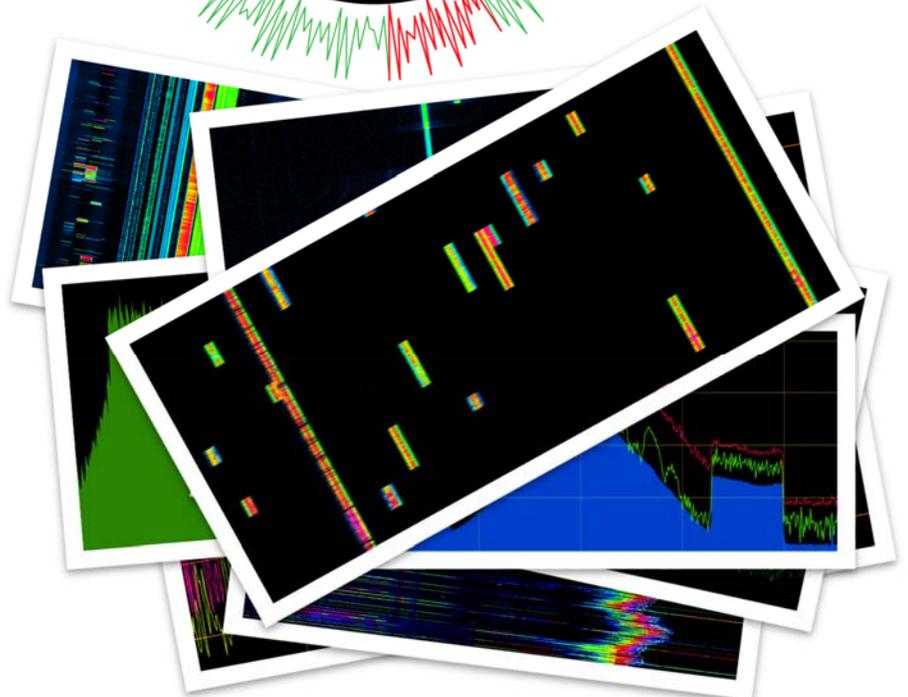
Kestrel TSCM ® Professional Software is innovative industry leading, disruptive technology, now sold in 23 countries worldwide.