Paul D Turner, TSS TSI

The global pandemic currently being experienced on an unpresented scale places many business organizations at risk of an opportunistic technical compromise or act of espionage. It is imperative that all organizations focus significant resources on critical infrastructure such as network and physical security throughout these trying times. It is equally important that all business entities conduct competent technical security inspections once the current crisis has passed to a reasonable recovery as part of the business continuity plan. Professional Development TSCM Group is maintaining a strong presence within many organizations via our Remote Spectrum Surveillance and Monitoring (RSSM) ™ capability, reducing the requirement of risky on-site visits during the pandemic. It is unfortunate that more organizations have not embraced this level of intervention and hopefully they will see the immense benefits the next time around. The Kestrel TSCM ® Professional Software development group is working hard to bring new tools and resources to the TSCM | SIGINT industry during this time and we are making tremendous headway, during this global "pause".

It-fact, we are continuing to support the national security infrastructure in many countries worldwide, to ensure that global surveillance and monitoring systems are in a state of readiness for all operational contingences with remote software updates and technical support.

Dynamic Trace Autonomous Platform (DTAP) ™

To illustrate this important point, consider that our software development group has been able to push ahead, completing weeks of work and has now released our new Dynamic Trace Autonomous Platform (DTAP-GPS) ™ this past week. Our Tap Capture Plot (TCP) ™ and our latest achievement have without a doubt radically changed the game again by bringing these powerful tools to the commercial, government and military market worldwide. These features represent the latest new technology; bringing sophisticated geo-location heat mapping capability across the application as standard and optional feature sets that are fully integrated with a powerful RF Visualizer (RFV) ™ technology. These resources add the ability to capture any ROI up to the hardware capability across a single radio and display a full colour, geo-location heat map with our unique RF propagation contour modeling that develops before your very eyes, all in real-time.

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

CTSC 2020 | CTO ™ Training Opportunity (Postponed)

The global pandemic has unfortunately required that we postpone the our March 2020 CTO training and the Canadian Technical Security Conference (CTSC) ™ as was scheduled for early April 2020. We are planning to reschedule both events subject to the passing of the current health crisis and are optimistically are looking at July 2020. Please monitor our website for information relating to confirmed dates for both the CTO training and the conference event.

The following event dates are unconfirmed at this time and are for informational purposes only. Please call or visit our website for the most current information.

We will be running a new version of the Certified Technical Operator (CTO) ™ program leading up to the Canadian Technical Security Conference (CTSC 2020) ™ event. We have added many new features and advanced functionality this past year and will be extending the July 2020 training program an extra 2-days to provide adequate instructional time for all the new features recently released, about to be released, and those scheduled to be released between now and July 2020. Participants of the CTO ™ program arrive at the training centre on *Sunday July 12, 2020*. Check-In at our Resident Training Centre (RTC) ™ is 1600 hours. The CTO ™ Training begins on *Monday July 13, 2020* at 0830 hours and will wrap up early afternoon on Sunday July 19, 2020.

CTSC 2020 ™ begins *Monday July 20, 2020* and runs until *Wednesday July 22, 2020*. Check-out is *Friday July 23, 2020* at 1100 hours. The cost of the CTO ™ training is $2,950.00 CAD + taxes and includes the full new CTO training program, 7 nights of private accommodation, and all meals on-site. This is an exceptional value and tremendous opportunity to move from many of the obsolete spectrum analyzers currently in use and gain insight into why the Kestrel TSCM ® Professional Software has become the preferred TSCM platform by professional operators, working in both the private and public sector from corporate to national security responsibilities.

Mobile Monitoring and Analysis Platform (MMAP) ™ Exciting News!

MMAP ™ just got a powerful upgrade! The Technical Research and Standards Group (TRSG) ™, of Professional Development TSCM Group Inc., launched the industry first Radio-Frequency (RF), Mobile Monitoring and Analysis Platform (MMAP) ™, powered by the Kestrel TSCM ® Professional Software back in 2017 as a powerful RF tactical mobile surveillance platform to satisfy mission critical law-enforcement and national security requirements. MMAP ™ is the only mobile RF surveillance platform, optimized for TSCM and SIGINT requirements.

Kestrel TSCM ® Professional Software

At Professional Development TSCM Group We Back Up What We Claim Kestrel ® Can Do—One Customer at a Time!

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

The MMAP ™ vehicle can be deployed for a wide range of managed Remote Spectrum Surveillance and Monitoring (RSSM) ™ roles, such as TSCM, SIGINT, ELINT, spectrum management, regulatory compliance, law enforcement, EOD, CT, tactical operations and High-Risk Protective Operations support.

All MMAP ™ vehicles are now equipped with the latest release of our Dynamic Trace Autonomous Platform (DTAP-GPS) ™ technology, along with our advanced RF capability and completely covert antenna technology, MMAP ™ is the choice of the national security infrastructure.

The next generation of the MMAP ™ vehicle is scheduled for the first quarter of 2021 with our new 54 GHz capability, the latest ruggedized computer technology and an all newly designed covert antenna package designed to meet higher frequency requirements.

To determine if your current MMAP ™ vehicle is eligible for free (software) technology upgrade, contact Paul D Turner, TSS TSI at pdturner@pdtg.ca for information.

Did You Know! Signal Hound Spike IQ is Supported in Kestrel ®

Many technical operators utilize the advanced capability of the Signal Hound Spike Software to demodulate complex digital signal formats captured for analytical review as part of the deployment of the Kestrel TSCM ® Professional Software platform.

Some technical operators may be unaware of the fact that the Spike software can capture IQ samples and these samples can be played back for analytical purposes within the Kestrel TSCM ® Professional Software Demodulation Visualizer even without a radio connected or a historical project file available.

The Demodulation Visualizer is a standalone module that can be invoked directly from the software user-interface to immediately open any supported IQ format for playback, looping, visualization and demodulation. This is a powerful capability that provides a unique coordination of two(2) of the most powerful industry resources, to meet the exacting requirements of professional technical operators who demand the very best in accomplishing mission critical RF capture during deployment worldwide.

The Signal Hound Spike software and the mighty Kestrel ® have a true symbiotic relationship that turns any spectrum professional into a spectrum warrior.

The Kestrel TSCM ® Professional Software platform supports IQ capture and playback of (KIQ), (CSV), and (WAV) IQ formats. Playback of the (XML) IQ format (Signal Hound Spike Software) is also supported. The conversion of (CSV) to (KIQ) is supported and Time Reference Sub-Sampling (TRSS) is supported for the (KIQ) format.

There are very few TSCM resources that are as essential as the ability to capture, store, playback and analyze complex signal types by means of IQ sampling and Time Reference Sub-Sampling (TRSS) ™ of the many Signals of Interest (SOI) encountered during mission critical deployment.

Not having IQ record and playback capability is a non-starter when deciding on a new equipment purchase...
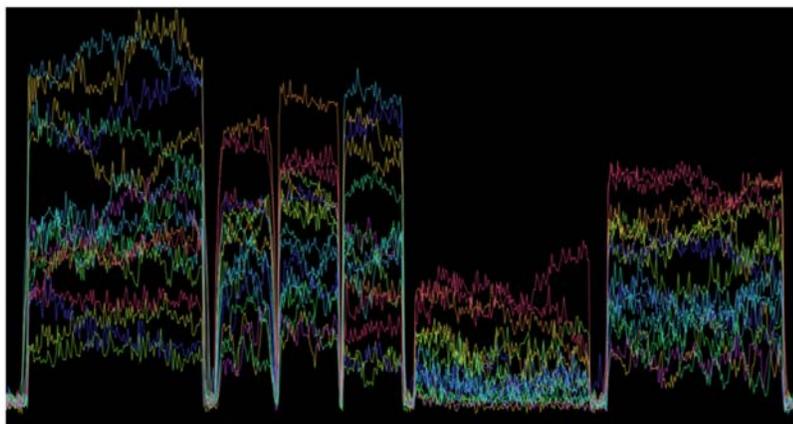
Innovation is Simply the Beginning!

| www.pdtg.ca | www.kestreltscm.com | www.ctsc-canada.com |
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They say that the value of art is in the eye of the beholder! Every day a new never before seen artistic spectrum is developed within the Kestrel TSCM ® Professional Software somewhere in the world. Whether impressionist, contemporary or abstract, the RF spectrum brings a commonly understood meaning for every professional technical operator who views it...

Kestrel TSCM ® Professional Software is innovative industry leading, disruptive technology, sold in 45 countries worldwide.