"KestrelPrey III | Advanced RF Locator ™ | Sustainable Technical and Tactical Excellence!

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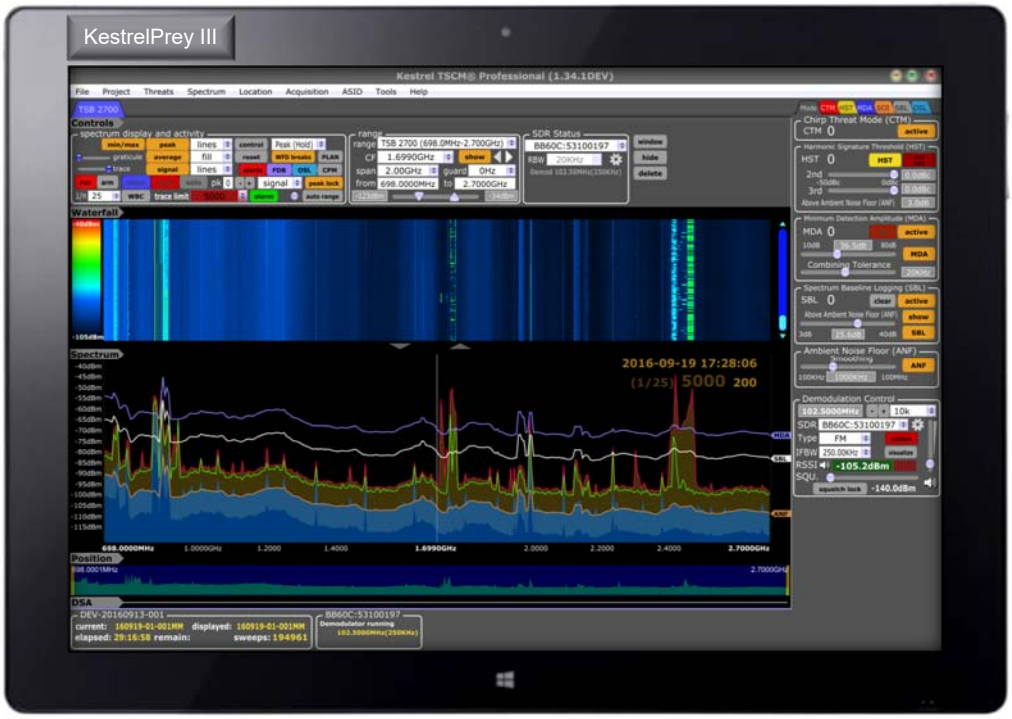

Introducing the KestrelPrey III | Advanced RF Locator ™

This semi-rugged tablet computer has an Intel Quad Core i7 4770HQ (2.2 GHz) processor, 16 GB RAM and 1 TB SSD (6 GHz / Sec) storage capacity. The system is preconfigured with Microsoft Windows 10 Professional, the Kestrel TSCM ® Professional Software, and a Signal Hound BB60C (9 kHz to 6 GHz) SDR receiver. Our Rapid Deployment Kit (RDK) includes antennas and cables all stored in a compact, semi-rugged soft case, making it field deployment ready. The KestrelPrey III | Advanced RF Locator ™ provides discrete collection, analysis and signal source localization, while recording all activity. Our powerful FFT Demodulation Visualizer and RSSI Tone Locator (RTL) minimize the requirement for a broadband detector. The KestrelPrey III | Advanced RF Locator ™ provides the technical operator with a dedicated primary collection resource that quickly transitions to a walk-about localization and analysis resource.

"Innovation is Simply the Beginning..."

Kestrel TSCM ® Professional Software

Signal Intelligence Support System (SISS) ™

The Kestrel TSCM ® Professional Software is an innovative and bold new approach, taking full advantage of significant, technological advances in Software Defined Radio (SDR) based principles. The Kestrel TSCM ® Professional Software is a newly developed, professional level, RF collection and analysis resource that is packed with operator centric, and powerful work-flow based features and functionality designed by Professional Development TSCM Group Inc. Our software is available to technical security professionals worldwide. Our software includes numerous advanced concepts far beyond those currently available; and supports a wide range of industry standard receivers and spectrum analyzers. Our Technical Research and Standards Group (TRSG) continues to develop innovative deployment methods, enhanced by advanced SDR hardware , TSCM specific software features and functionality.

Key Features

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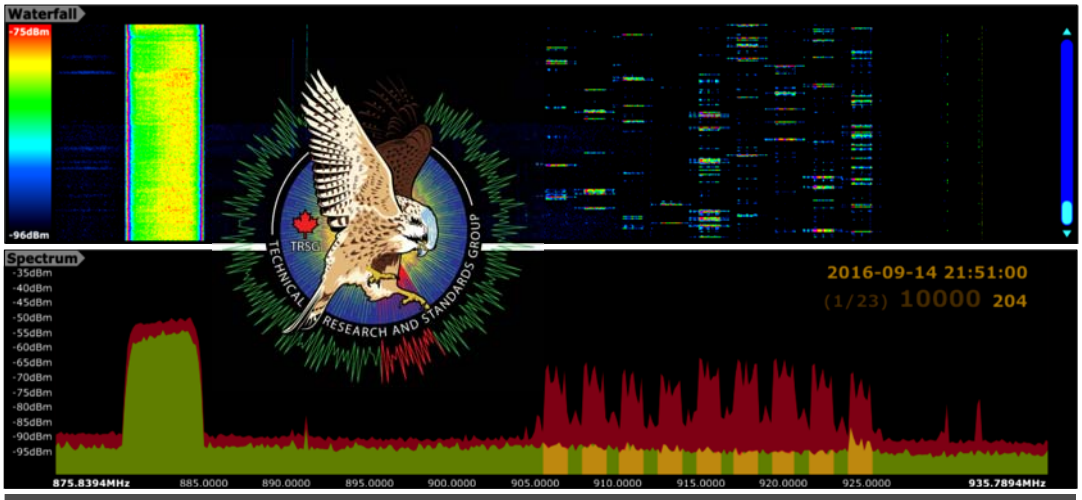
The KestrelPrey III | Advanced RF Locator ™ offers a full featured spectrum analyzer that is powerful enough to deploy as a primary RF collection and analysis platform for even the most demanding TSCM applications, yet agile enough to quickly and easily transition to a walk-about RF signal localization resource.

The KestrelPrey III | Advanced RF Locator ™ is ideal for complex travel assignments when a low profile presence must be maintained, and can provide excellent technical and tactical integrity, in direct support of organized protective operations worldwide, for facilities, vehicles, marine vessels and aircraft.

KestrelPrey III | Advanced RF Locator ™ | Signal Localization Has Never Been This Easy!



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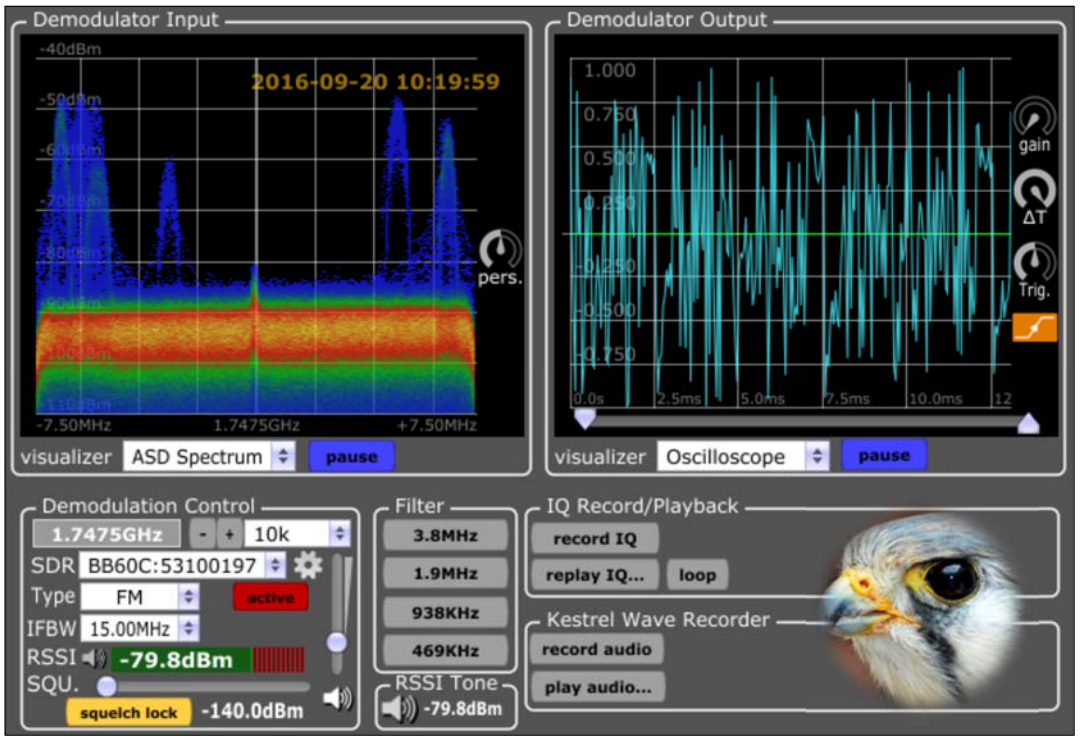


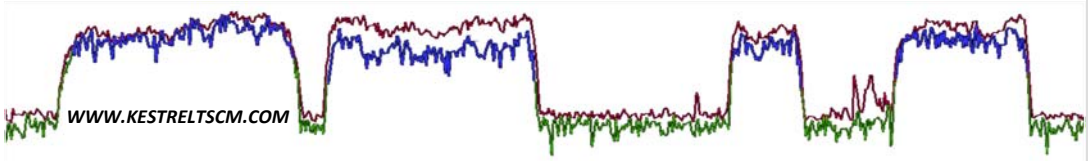
The visualization of signal level activity is fully is realized when the operator deploys the Kestrel TSCM ® Professional Software in the powerful | IF Demodulation Mode (IDM) |, utilizing sophisticated FFT visualization techniques. The ability to bring clarity to channel level sub-carrier and periodic burst activity allows the operator to quickly identify and locate potentially hostile emitters within the target area utilizing the KestrelPrey III | Advanced RF Locator ™ and the application of Kestrel Analytics.

Audio Spectral Density (ASD) Display

RF Spectrum Display (RSD)

IQ Record, Playback and Loop | KIQ | CSV |

RSSI Tone Locator (RTL)



Key Features

Powered by Kestrel ®

The KestrelPrey III | Advanced ***RF*** Locator ™ is powered by the industry leading Kestrel TSCM ® Professional Software.

Kestrel ® is a powerful, full featured, budget friendly, developed in Canada, RF Spectrum Analysis platform that is firmly founded on Software Defined Software (SDR) principles and innovative industry disruptive SDR hardware technology.

Kestrel ® is a standards based application built on years of industry experience and strong software engineering support.

Our forward-looking TSCM deployment methodology and advanced threat modeling, means that the Kestrel TSCM ® Professional Software is future ready, providing the technical operator with tomorrows software — today!

User Interface (UI)

Our software design is intuitive, work-flow based, operator centric, and places all of the essential display and control groups, up-front for clarity and operator situational awareness.

Dynamic control linking, the use of artificial intelligence and predictive logic, provide optimal control settings during the collection and analysis process, combined with the ability to control manually, all key logical programming parameters, putting the technical operator back in control of the sweep process.

Our Technical Standards and Research Group (TSRG), have applied a balanced approach in assimilating extremely complex algorithms, Artificial Intelligence and Digital Signal Processing (DSP) concepts, all centred on the TSB 2000 (Technical) Standard ™. Kestrel TSCM ® Professional Software is the first in its class to provide "on-the-fly" multiple receiver "hand-off" of both the spectrum and demodulated signal events, permitting the exploitation of the full potential and capability of multiple receivers and analyzers.

"Kestrel TSCM ® Professional Software | Well Positioned to Hunt in a Complex Signal Environment"