

Professional Service and Training Guide

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 **PDTG**™
PROFESSIONAL DEVELOPMENT TSCM GROUP

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Version 1.37

How Secure is Your Business / Facility in Today's Complex Global Environment?

The protection of sensitive competitive information and physical security issues have become a matter of high priority with businesses of all types and sizes. Today many companies have already made the decision to take proactive steps to ensure a more secure environment for company employees and a sound Technical Security (TS) environment in which to run their operations successfully with minimal risk of compromise.

Have You Considered a Technical Security Program / Review?

The Technical Security Branch (TSB) of Professional Development TSCM Group Inc., provides advanced Technical Security (TS) Evaluations and Threat Risk Assessments (TRA), including the development and implementation of a professionally managed Technical Surveillance Countermeasures (TSCM) program.

- General Physical Security Audit / Assessments**
- Technical Surveillance Countermeasures (TSCM) Inspections**
- RF Spectrum Collection - Kestrel Defined Monitor (KDM)**
- Communication Security (COMSEC)**
- Network Analysis (Computer, Telecommunications and Electronic Mail)**
- Pre-construction / Post-construction / Facility Design Planning**
- In-house Security Education Programs**
- Counter-Intelligence (CI) Operations**

Benefits include:

- Safe and Secure Working Environment**
- Decreased Risk of a Serious Technical Security Compromise**
- Increased Ability to Secure Proprietary Information**
- Significantly Reduced Liability**
- Identify Possible Exposures and Existing Compromise**
- Secure Communications**
- Protection of Company Property and Assets**
- Compliance of Company Guidelines / Policy**
- 30+ Years of Professional Experience**
- State of the Art Equipment Resources**
- TSB Certified Technical Security Specialists (TSS)**

The Technical Security branch (TSB) of Professional Development TSCM Group Inc., can provide your business with both the tools and professional services to create a secure working environment and provide protection for your information, facilities, assets and employees. For more information or to arrange a meeting with our Technical Security Specialists (TSS) you can visit our Web Site at www.pdtg.ca or give us call us at (647) 293-7384 at anytime.

Paul D Turner

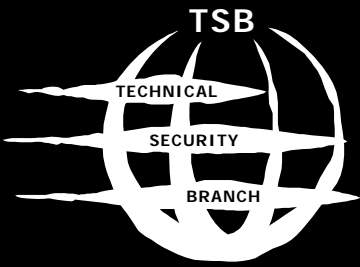
Paul D Turner, TSS TSI

Corporate Director

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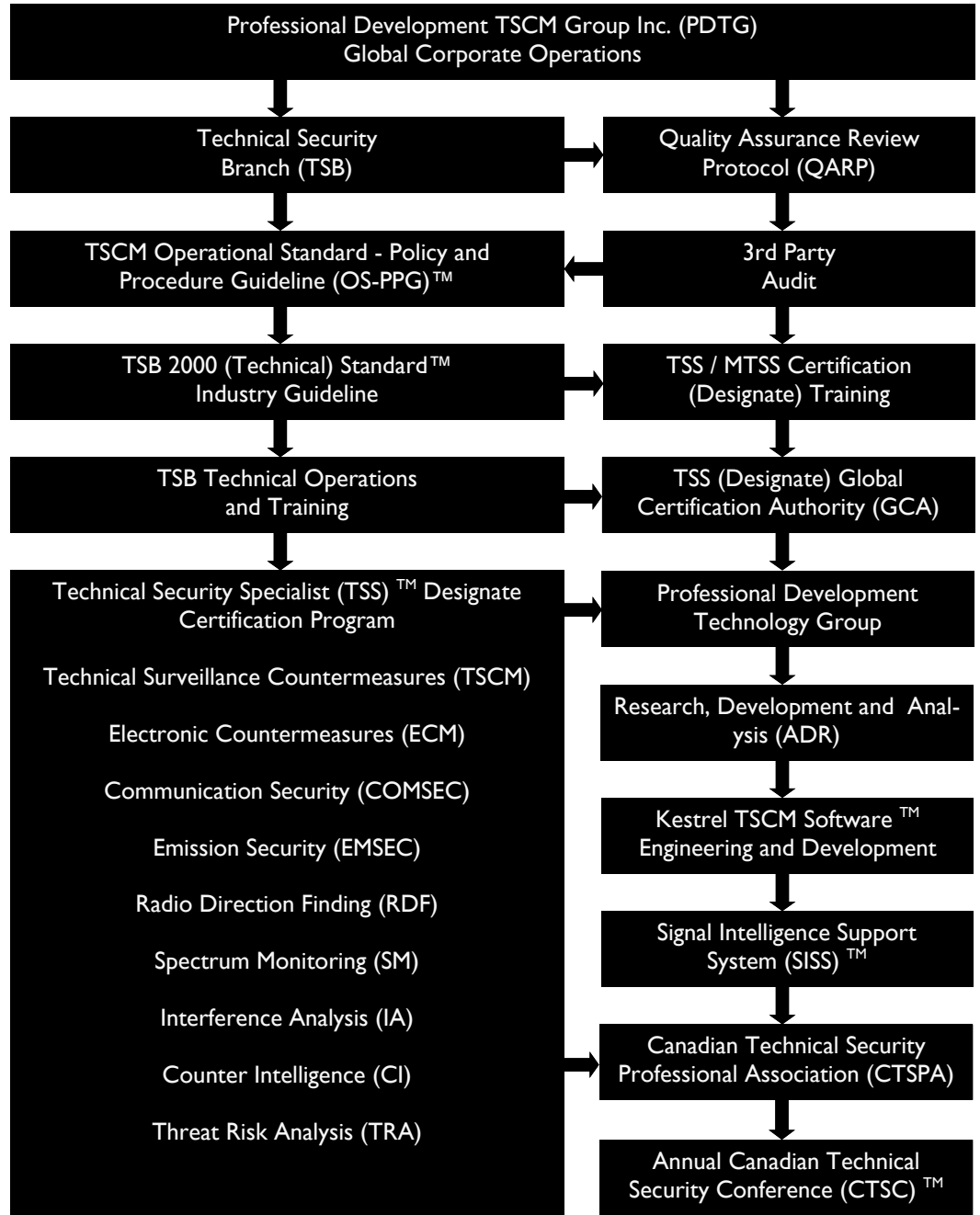




PDTG CORPORATE STRUCTURE

CORPORATE STRUCTURE

Our company is a 100% owned and operated Canadian Corporation providing an extensive array of TSCM professional services and training across Canada.

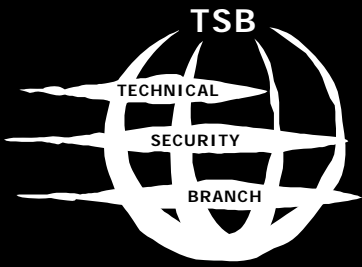


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TSB OPERATIONAL STANDARD

TSB OPERATIONAL STANDARD

The Technical Security Branch (TSB) has developed and implemented a proprietary Operational Standard - Policy and Procedure Guideline (OS-PPG)[™] based on (30+) years of real experience in providing professional level TSCM / CI services. Our Operational Standard - Policy and Procedure Guideline (OS-PPG)[™] is recognized as one (1) of the most up-to-date Technical Surveillance Countermeasures (TSCM) resources available. This administrative and technical publication is based on the TSB 2000 (Technical) Standard developed and implemented by the Technical Security Branch (TSB) in-house in January 2000 and is the primary (in-house) and Technical Security Specialist (TSS) certification (Designate) training standard. The OS-PPG[™] is an administrative and operational policy and procedure manual for the Technical Security Branch (TSB) and is updated monthly as new vulnerabilities, methods and techniques are discovered. The OS-PPG[™] provides minimum TSCM Equipment Standards based on the TSB Threat Level Protocol.

A WORD OF WARNING

It is an unfortunate reality that there is an entire industry of fly-by-night marketing types selling a wide range of TSCM equipment and services to the public, corporations and even organized crime syndicates who get caught up in the "Spy" and "Paranoia" phenomena. Whether consciously or by negligence, these fly-by-night operators provide so-called TSCM inspections of limited or no value what so ever simply taking the client's money. These services do little more than further degrade the overall technical security posture of the target facility and instill a dangerous false sense of security in the mind of the client relying on their sub par services. Sadly, many of these sub-par operators are associated with normally reputable security and investigation agencies that lack the specialized equipment resources, training, certification and experience necessary even at low operational threat levels.

TSB STATEMENT OF INTENT

The TSB shall endeavour to provide the highest level of professional Ethics, Integrity, and Professionalism in conducting Technical Surveillance Countermeasures (TSCM) and Counter-Intelligence (CI) related services; providing a clear statement of TSB capabilities and limitations; and realistic expectations of TSCM services and the professional fees for those services. Reputable TSB Certified Technical Security Specialist's (TSS) will take the time to explain the Electronic Countermeasures (ECM) process, common misconceptions, equipment resources utilized, search methods and techniques and TSB capabilities and limitations. This policy helps to educate the client and remove the cloak and dagger paranoia element. The premise of educating the client is a primary goal of the Technical Security Branch (TSB). The TSB closely monitors all available economic espionage research, technique development, testing mythology, and the timely evaluation and procurement of sophisticated TSCM equipment resources. This practice ensures the greatest level of integration, standardization, and compatibility in conducting professional level TSCM inspections.

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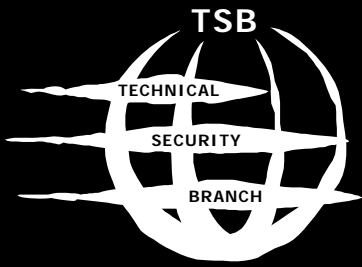
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TSB PERSONNEL QUALIFICATIONS

Dedication, certification training, experience, skill and knowledge are all essential elements in providing competent TSCM professional services. Our TSB certified Technical Security Specialists (TSS) maintain the highest standards in the industry. Our impressive list of sub-contract and end-user clients attest to our professional ability, dedication, and focus.

- ☑ TSCM Operational Standard - Policy and Procedure Guideline (OS-PPG)[™]
- ☑ TSB 2000 (Technical) Standard [™] Implementation
- ☑ TSB Certified Technical Security Specialists (TSS)[™]
- ☑ In-Service Professional Development Training (ISPDT)[™]
- ☑ Equipment Training and Operator Certification (ETOC)[™]
- ☑ Annual Certification Review (ACR)[™]
- ☑ Quality Assurance Review Protocol (QARP)[™]
- ☑ Confidentiality and Non-Disclosure Agreement (NDA)
- ☑ Local / Provincial / Federal Security Clearance (Minimum Standard)
- ☑ Enhanced Security Clearance (As Required)
- ☑ Professional, Ethical and Experienced
- ☑ Proactive Conflict of Interest Guidelines

TSCM INFORMATIONAL OVERVIEW

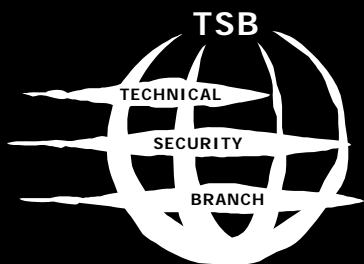
Economic and Industrial Espionage is so widespread that no government, individual, or business of any size and type can be certain that protected, classified, confidential, or sensitive proprietary information, including day to day business information has not been compromised, even when extremely high security standards are maintained. Unfortunately, this economic espionage trend continues to escalate at an alarming rate, due to at least in part, vast technological advancements taking place almost daily in our society and the easy of which such technology can be utilized to attack your company and information, despite strict federal and provincial law intended to protect against invasion of privacy issues. Espionage is generally a covert act unlike the theft of visible property, which immediately becomes evident, and we only hear reports about the failures – never the successful attacks. Often the true extent of known incidents will never made public by the victimized party. Successful attacks are rarely discovered and such a compromise eventually erodes resources and destroys the financial stability of the affected organization and can devastate any competitive edge. A great many private individuals, organizations, and business entities are victimized over a very long period of time until it is often too late for any meaningful recovery. Implementing a formal proactive due diligence based Technical Security / TSCM program is a powerful weapon in minimizing the potential of a serious technical compromise of information that not only affects the bottom line and viability of the company, but also may result in criminal and civil responsibility when third party information is compromised as a result. It is an essential best practice that all business entities establish a formal due-diligence Technical Surveillance Countermeasures (TSCM) program.

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PROFESSIONAL SERVICES GUIDE

TSB PROFESSIONAL SERVICES

The TSB offers a wide-range of advanced Technical Surveillance Countermeasures (TSCM), Technical Security, Counter-Intelligence, Communication Security (COMSEC), Emissions Security (EMSEC) and other related professional services. Our TSB certified Technical Security Specialists (TSS) handle assignments involving all known threat levels, and are well positioned to identify new and emerging technological threats experienced by private individuals, private organizations, business interests, corporate environments, financial sector, high technology manufacturing, aerospace industry, oil and gas industry, mining sector, government, law enforcement and military interests across Canada and internationally in support of our client's global business and travel commitments.

TSB SERVICE CATEGORIES

- ☑ Technical Consultations and Facility Reviews and Evaluations
- ☑ Threat Level Determination Assessments
- ☑ Physical Security Survey
- ☑ Threat Risk Assessments (TRA)
- ☑ Facility Penetration Testing
- ☑ Technical Security (TS) Maintenance Inspection Programs
- ☑ Technical Surveillance Countermeasures (TSCM) Inspection / Sweep / Monitor
- ☑ Counter-Intelligence (CI) Review
- ☑ Electronic Countermeasures (ECM)
- ☑ Radio Direction Finding (RDF)
- ☑ Emission Security (EMSEC)
- ☑ Communication Security (COMSEC)
- ☑ Spectrum Monitoring and Specialized Services
- ☑ Cellular Telephone Detection / Location
- ☑ Interference Analysis / Location
- ☑ Security Awareness Training and Operational Briefings
- ☑ Technical Security Specialist (TSS)™ Certification (Designate) Training

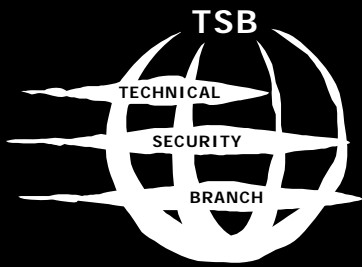
The Technical Security Branch (TSB) is actively engaged in the providing and development of other specialized Technical Security (TS) oriented professional services, including a multitude of on-going Research and Development (R&D) projects in the field of Technical Surveillance Countermeasures (TSCM), TSB proprietary Equipment Software Databases, Analysis and Control Applications and in the development of new detection Methods and Techniques. Our Technical Security Branch reached a technical milestone after bringing to market the most comprehensive TSCM specific software applications currently available. The Kestrel TSCM™ Professional Software is well positioned to become the new industry standard with its support for multiple manufacturer's receiver and spectrum analyzer products.

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PROFESSIONAL SERVICES GUIDE

TYPICAL TECHNICAL SECURITY SERVICES

The TSB has developed an extensive range of highly specialized professional level Technical Security (TS) services at all known operational threat levels. Our company is positioned as an industry leader with a track record for excellence with more than a quarter of a century of experience and training.

- ☑ TSCM Professional Consultation / Advice and Assistance in Understanding, Developing and Implementing an Effective Technical Security Program.
- ☑ Real-Time Counter Surveillance Monitoring during Significant Events such as Labour Negotiations, Crisis Scenarios, Shareholder Events, Strategy, Planning and other sensitive Meetings and Conferences.
- ☑ In-Place Spectrum Monitoring with Remote Monitoring and Spectrum Analysis capability including Off-Site RF Spectrum Interrogation and Real-Time Analysis.
- ☑ Full TSCM Inspection / Sweep, Electronic Countermeasures (ECM) Services including a Wide Range of Client Specific, Highly Focused TSCM and Counter-Intelligence (CI) / Counter Espionage (CE) Services.
- ☑ Telecommunications, Network and Communication System Equipment Installation Review & Technical Security (TS) Verification.
- ☑ Pre-Construction & Post Construction Review of Current or Proposed New Facilities, or those Under Renovation or Construction.
- ☑ Spectrum Monitoring Assignments Conducted in Support of Real-Time Spectrum Surveillance, Utilization and Management.
- ☑ Search and Rescue (SAR) - Advanced Radio Direction Finding Assignments Relating to Emergency Locator Transmitters (ELT), Personal Locator Beacons (PLB) and a wide range of other RF Tracking and Location Reporting Devices.
- ☑ RF Interference - Identification & Location Assignments to Identify and Locate Sources of RF Interference that might negatively impact the client's Authorized Communications.
- ☑ Protective Operations - Support Relating to High Risk VIP / Executive Protection Related Assignments including Corporate and Government Security Interests.
- ☑ Hazardous Device (IED) - Identification & Support During Protective Assignments and Crisis Management Scenarios.
- ☑ TSB Educational and Awareness Briefings Provided to the Client in Support of Technical Security (TS) Initiatives.
- ☑ Hostile Technical Surveillance Device (TSD), Technical Security Hazard (TSH) Prevention, Detection, Location and Nullification for Individuals, Vehicles, Residences, Businesses, Commercial, Manufacturing, Corporate, Financial Sector, Insurance Industry, Law Enforcement, Political Parties, Government and Military Clients across Canada.
- ☑ Tactical Security (TACSEC) Cellular Telephone and Wireless 802.11 Detection, Identification and Location during special events and meetings where wireless devices are restricted or prohibited.
- ☑ Remote RF based technical sweeps utilizing the Kestrel TSCM - Signal Intelligence Support System (SISS).

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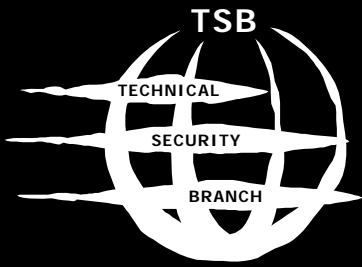
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CYBER SECURITY REVIEW

CYBER SECURITY REVIEW PROTOCOL (CSRP)

The Technical Security Branch (TSB) has developed a proprietary Cyber Security Review Protocol (CSRP) for client's that are concerned about the overall Technical Security posture of individual or networked Personal Computers (PC) and Laptops. Such computers tend to be utilized for home, family, and / or business applications and easily compromised when the appropriate security measures are not established. Our CSRP can be applied as a key element during a scheduled TSCM inspection or as a standalone professional service when computer compromise is suspected as a result of specific occurrences of compromise or simply, due diligence considerations.

TSB (TYPICAL) SCOPE OF WORK

Our CSRP professional service is not a forensic or investigative analysis by definition. Forensic analysis is an entirely different service that can be provided by the Technical Security Branch (TSB) through a third party Computer Forensic Specialist (CFS). Although, the TSB reviews computer security as part of the typical Scope of Work involved in TSCM inspection process, no software analysis is accomplished. With our CSRP service, Technical Security Specialist's (TSS) will review, inspect, identify, correct and report Technical Security issues and compromises of the client's Personal Computers (PC) and Laptops. A detailed report provides easy to follow non-technical explanations, preventative tips, recommendations, and a detailed accounting of the overall (TS) posture identified during the Cyber Security Review Protocol (CSRP).

WHO IS AT RISK?

Computer vulnerabilities tend not to affect corporations and other similar businesses where an in-house IT Manager or Systems Administrator. These trends and vulnerabilities affect those that do not have access to qualified IT personnel. Home and business based computers and laptops, often utilized by the family one minute and sensitive business or personal matters the next minute, are the most likely to be found at greater risk. The owners of personal computers and laptops typically have little or no technical knowledge or ability to maintain an adequate level of security. The TSB has specifically designed the Cyber Security Review Protocol (CSRP) for client's that are unable technically or financially maintain an in-house IT Manager or Systems Administrator. With the prevalence of cross-over mobile, portable, remote and wireless technologies that significantly interface with computer networks pose an even more significant problem. Widely available large capacity personal electronic devices in the work place, on the road, and at home have created many new challenges for the security and protection of sensitive information and resources.

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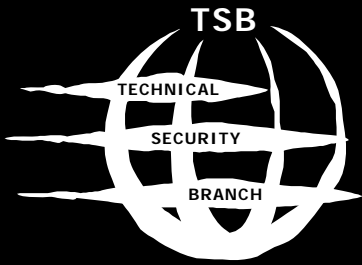
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CYBER SECURITY REVIEW

TSB OBSERVATIONS

Over the past number of years the TSB has noted an alarming lack of even the most basic computer security precautions during TSCM inspections and a number of dangerous Technical Security trends and vulnerabilities. It is recommended that all clients review computer based security measures at the business and personal level periodically to ensure that the most current and appropriate security protocols are in place.

KEY INSPECTION ELEMENTS (CSRP)

- Physical Security Factors
- Wireless Connections
- Local Area Network (LAN)
- Wireless Local Area Network (WLAN)
- Bluetooth Connectivity
- Infrared (IR) Ports
- Firewalls (Software and Hardware)
- Anti-Virus Protection
- Spyware Detection
- Malware
- Social Engineering Issues
- Human Factors
- Identity Theft Protection
- Privacy Protection
- Password Management
- Remote Access Vulnerabilities
- Data Back-up Strategy
- Off-Site Back-up Strategy
- Security Fixes and Patches
- Operating System Integrity
- Software Application Updates
- File Encryption Considerations
- (Low Level / High Level) Penetration Testing
- VoIP Security
- Shared Network Dangers
- File Management and Integrity
- File Management Security Considerations

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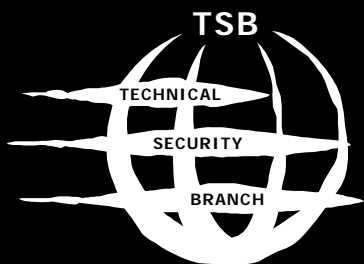
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TSB EQUIPMENT RESOURCES

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The Technical Security Branch (TSB) utilizes a wide range of sophisticated, classified (ITAR Controlled) and unclassified, state of the art TSCM and telecommunication test & measurement equipment resources and proprietary operational methods and techniques in providing professional level TSCM services. All equipment resources are regularly qualified, serviced and maintained to the highest technical standards available. Our equipment resources are constantly being upgraded to meet new and emerging technological threats. This ensures that we are prepared and fully capable of handling all known threat levels as well as the continuous technological advancements with regards to covert Technical Surveillance Devices (TSD), Technical Security Hazards (TSH), espionage methods, techniques, compromises and non-electronic methods of compromise.

EQUIPMENT RESOURCES (Unclassified)

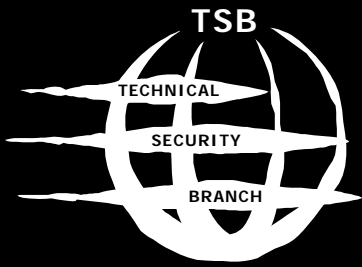
- ☑ Kestrel TSCM™ Professional Software - Signal Intelligence Support System (SISS) (4.4 GHz) / (12.4 GHz) Dual / Multiple Receiver with Remote Networking Monitoring Capability, Differential Signal Analysis (DSA) and advanced Threat Level Programming (TLP).
- ☑ Powerful Portable Computers with TSB Proprietary TSCM Operational Standard - Policy and Procedure Guideline (OS-PPG™), TSB Equipment Software Application Interfaces, Wireless Network Analysis Technology, GPS Mapping and Logging Tools, RF Spectrum (Real Time and Post Analysis) Software, Global Frequency Database and a TSB Proprietary Telephone, Video Conferencing, Voice, Data and Wireless Systems Engineering Reference Database.
- ☑ Tactical Intelligence GEN II - Handheld Non-Linear Junction Detector (NLJD) 2.4 GHz
- ☑ FLIR "T" Series Thermal Imager with TSB developed advanced programming algorithms.
- ☑ HP / Agilent (8562A) Lab Quality High Performance Microwave Spectrum Analyzer (26.5 GHz) with AM / FM Demodulation and (325 GHz) capability, equipped with HP 11970 Series Microwave Harmonic Mixers up to (50 GHz).
- ☑ HP / Agilent (8594E) Lab Quality High Performance Spectrum Analyzer (2.9 GHz)
- ☑ HP / Agilent (8591E) Lab Quality High Performance Spectrum Analyzer (1.8 GHz)
- ☑ HP / Agilent (8447D) High Gain (Low Noise) Antenna Preamplifier (25 dB Gain).
- ☑ Advantest (R3361A) High Performance Spectrum Analyzer (2.6 GHz)
- ☑ V-Tech Instruments (PS-2A GST) Portable Analog Spectrum Analyzer (1.7 GHz).
- ☑ REI CPD-700 Counter Surveillance Monitor Probe with VLF (150 MHz) / Infrared (IR) / RF (12 GHz) / Magnetic Leakage / Audio Acoustical Leakage / High Gain Audio Amplifier).
- ☑ AVCOM PSA-65C (3.75 GHz) Analog RF Portable Spectrum Analyzer with Microwave Frequency Extenders, Sub-Carrier (SubC), AM / FM Audio / Video Demodulation Capability.
- ☑ AVCOM (RFP-24) High Gain (Low Noise) Antenna Preamplifier (20 dB Gain).
- ☑ WiNRADiO (WR-3700e) Wide Band PC Based RF Spectrum Surveillance, Management and Analysis System with Sophisticated TSB Proprietary Software and Global Frequency Database.
- ☑ Anritsu MH648A High Gain (Low Noise) Antenna Preamplifier (30 dB Gain).
- ☑ TTI (PSA1301T) Portable Spectrum Analyzer (1.3 GHz).

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TSB EQUIPMENT RESOURCES

- ☑ ICOM R-2500-G (3.3 GHz) Wide Band PC Based Professional Communication Receiver System with sophisticated Diversity Antenna Technology and Dual Frequency Sub-Receiver.
- ☑ ICOM R-8500 (2.0 GHz) Wide Band Professional Communication Surveillance Receiver.
- ☑ AOR AR-3000A (2.0 GHz) Wide Band Professional Communication Receiver.
- ☑ TSB (Proprietary) Active - Tactical Antenna Array (TAA) for RF Monitoring / Logging / Spectrum Management / Interference Analysis and VHF / UHF Radio Direction Finding (RDF) capability with mission adaptable Active Antenna Elements (arrays).
- ☑ Electro-Metrics (EM-6865) Calibrated Omni-Directional Wide Band Surveillance Antenna (18 GHz).
- ☑ Electro-Metrics (LPA-60) Calibrated Directional Log Periodic Wide Band Surveillance Antenna (18 GHz).
- ☑ Electro-Metrics (EM-6172) Custom designed and manufactured Kestrel Claw Ultra Wide Band Flat Panel Antenna (20 MHz - 23 GHz).
- ☑ AudioTel Scanlock MK VB Harmonic Receiver (4.0 GHz).
- ☑ AudioTel Scanlock MK II Harmonic Receiver (4.0 GHz).
- ☑ Tactical Operations Vehicle (TOV) utilized for (covert) real-time TSCM / ECM / COMSEC / EMSEC / Counter-Intelligence (CI) / Radio Direction-Finding (RDF) / RF Spectrum Surveillance / Mapping and Management / RF Interference Analysis and Location.
- ☑ Air Patrol (TSB TACSEC) Cellular / 802.11 Detection and Location System.

EQUIPMENT RESOURCES (ITAR Controlled - Restricted)

- ☑ REI (ITAR Controlled) OSCOR Blue (24 GHz) TSCM Spectrum Analyzer.
- ☑ REI (ITAR Controlled) HGO-4000 (HGO ORION) Non-Linear Junction Detector (NLJD).

NATIONAL SECURITY

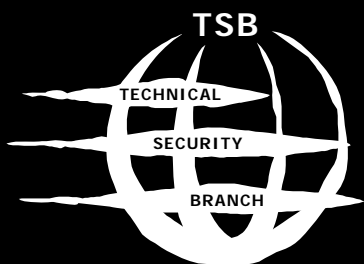
Professional Development TSCM Group Inc., recognizes the awesome responsibility and importance of national security related matters in Canada and abroad. The TSB provides TSCM related support services at all known threat levels for Government, Military, Law Enforcement, and Private Organizations involved in national security related projects and contracts. The TSB owns and operates additional (Controlled) equipment resources and proprietary software programs that are not listed above for a variety of security related reasons. Some equipment resources are installed with secure zones and / or military and government environments and operated by our Technical Security Specialists (TSS) as required. These additional equipment resources are utilized where the threat level of the target area requires extraordinary OPSEC and additional inspection methods to be utilized. TSB certified Technical Security Specialists (TSS) are fully trained in the advanced operation of all of our equipment resources and carefully analyze each individual assignment and will utilize different combinations of equipment and inspection techniques as required for both known and developing threat levels.

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TSCM SEQUENCE OF EVENTS

TECHNICAL SURVEILLANCE COUNTERMEASURES (TSCM)

It is essential that the client fully understand the typical sequence of events involved in implementing, contracting and managing the activities surrounding a formal TSCM inspection and in implementing a long term successful TSCM strategy and due diligence program. Some clients openly declare to facility personnel that a TSCM program has been implemented, however, many organizations do not wish to do so for security reasons.

OPERATIONAL SECURITY (OPSEC)

To avoid compromising Operational Security (OPSEC) it is recommended that the client avoid or limit the number of people aware of the inspection on a need to know basis.

- ☑ When inquiring about our TSCM professional services it is important to contact us from an off premises pay telephone or use another secure communication method to prevent tipping off any potential eavesdropper that may be monitoring internal communications within the target area.
- ☑ Advise (in the know) site personnel not to discuss concerns, or plans to contract TSCM professional services with others whenever possible.
- ☑ Often times the eavesdropper is someone on the inside, or may have access to internal information.
- ☑ It is important not to delay contacting the TSB when a compromise is identified or suspected.
- ☑ The delay may result in additional compromise of sensitive information and perhaps the loss of evidence when the eavesdropper is spooked and removes any devices effectively covering their tracks.

TSCM PROGRAM EFFECTIVENESS ASSESSMENT

The overall effectiveness of any formal Technical Security (TS) strategy is significantly based on several important operational elements that are often identified and derived from a formal Threat Risk Assessment (TRA).

- ☑ A proactive approach that is based on sound due diligence is an absolute requirement. This is an on-going process and must be reviewed and adjusted to meet the organizations ever changing business profile.
- ☑ Monthly, Quarterly and Annual inspection elements that are based on and consistent with the perceived operational Threat Level (TL).
- ☑ A random approach to implementing the actual TSCM inspection scheduling (dates, times and locations) improves the overall effectiveness of the program.
- ☑ Periodic and random unannounced Technical Security reviews of lower threat level areas of the facility or operation are essential during scheduled inspections.
- ☑ Occasional non-scheduled ECM inspections that are conducted immediately prior to or during sensitive meetings.
- ☑ Maintaining a high degree of OPSEC is an essential element.
- ☑ Consideration of all possible targets and external vulnerabilities including external business support, associates, and secondary facilities that may also be targeted.

Professional Development TSCM Group Inc.

Technical Security Branch (TSB)

319 - 4305 Fairview Street Burlington Ontario Canada L7L 6E8

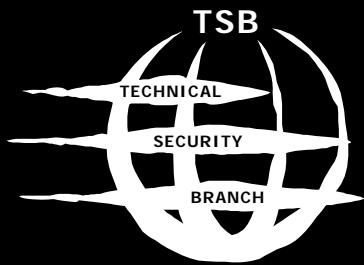
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TSCM SEQUENCE OF EVENTS

SEQUENCE OF EVENTS

- ☑ The client determines that a TSCM inspection is required based on due diligence considerations or other specific events that have occurred.
- ☑ A potential client contacts the TSB securely and requests the appropriate TSCM professional services for their company or individual personal interests.
- ☑ The TSB works closely with the client to understand fully the concerns and develop a strategy.
- ☑ The TSB works with the client to provide an upfront flat rate costing for the anticipated TSCM professional services requested and to arrange for prompt scheduling.
- ☑ The TSB will always discuss with the client the equipment, methods and techniques, capabilities and limitations of the proposed professional services upon request.
- ☑ It is always TSB policy to help educate the client about technical security awareness factors that might affect the overall security posture of the client's facility.
- ☑ A Professional Service Agreement (PSA) may be required and completed by the client.
- ☑ A Non-Disclosure Agreement (NDA) is provided to the client when the transfer of sensitive information is required by the TSB in order to complete the sweep assignment.
- ☑ The TSB then obtains final approval from the client to proceed with the TSCM professional services, as scheduled and quoted.
- ☑ The TSB then confirms with the required TSB certified Technical Security Specialists (TSS), the scheduled timing, client contact information, facility location and the specific details relating to the TSCM work to be undertaken.
- ☑ The TSB arrives and completes an external Geographical Area Review (GAR) covertly prior to attending the client's facility as scheduled.
- ☑ TSB personnel arrive at the client's facility as scheduled and will complete the required TSCM professional services based on the Scope of Work (SOW) provided to the client during the initial consultation stage.
- ☑ TSB professional services always include a panoramic RF spectrum analysis, telecommunications network analysis, a detailed physical security inspection, and a Counter-Intelligence (CI) review of the target area, facility, residence, or vehicle as specified.
- ☑ The client or authorized representative is provided with a verbal report at the completion of the TSCM inspection by the attending Technical Security Specialist (TSS).
- ☑ The client is provided with a CD-ROM / DVD hand delivered or secure courier copy of our full Electronic Report System (ERS)[™] written report (typically within 48 to 72 hours), along with a copy of our professional services invoice.
- ☑ The TSB (Level I) Technical Security Specialist (TSS) is always available should the client have any questions relating to the final written report or any of the included findings and observations, recommendations or other reporting elements.
- ☑ The client is encouraged to follow-up with the TSB during the implementation of any recommendations prior to the next recommended inspection date.
- ☑ The client determines that due diligence or a specific event requires a follow-up inspection between scheduled monthly, quarterly or annual inspections.

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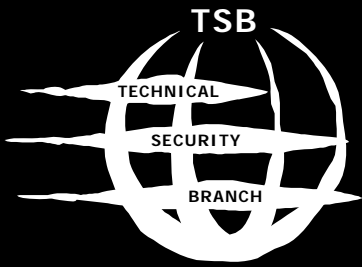
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QUALITY ASSURANCE REVIEW

TSB QUALITY ASSURANCE REVIEW PROTOCOL (QARP)[™]

The Technical Security Branch (TSB) has developed an in-house proprietary TSCM Operational Standard - Policy and Procedure Guideline (OS-PPG)[™] that requires the TSB to implement and maintain a formal Quality Assurance Review Protocol (QARP)[™] process. Our process involves the application of a wide range of industry recognized (in-house) Quality Assurance (QA) monitoring of our professional TSCM services. Employee standards, reporting, equipment resources and the application of the Best Recommended Practices and on-going Quality Assurance (QA) evaluations. An annual client based Quality Assurance (QA) Survey provides an important opportunity for our client's to confidentially provide constructive criticism and guidance for maintaining a strong work ethic and relationship with the client organization and rounds out the formal Quality Assurance Review Protocol (QARP)[™] process.

DUE DILIGENCE

The Technical Security Branch (TSB) continuously, on a sweep by sweep basis, alters the operational parameters of each scheduled TSCM inspection to maintain unpredictability by persons unknown (internal or external) that may wish to engage in some form of economic espionage against the client's interests. The TSB continuously alters the operational assignments and tasks of its Technical Security Specialists (TSS) on a sweep by sweep basis; to ensure that routine and complacency do not develop over time as often occurs with other TSCM service providers. The TSB closely monitors all available espionage research, technique development, testing mythology, and the evaluation and procurement of TSCM equipment resources. This practice ensures the greatest level of integration, standardization, and compatibility in conducting the highest level of TSCM inspections. It is recommended that the client allow the widest possible scope of work in conducting a TSCM inspection as many vulnerabilities and compromises are identified in lower threat level support and administrative areas of a facility and can have a dramatic effect on the overall Technical Security posture of the organization.

PROFESSIONAL ACCOUNTABILITY

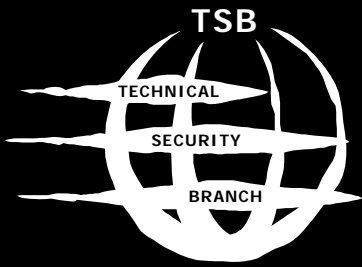
The TSB conducts a detailed review of the client's TSCM inspection program parameters annually and recommends adjustments and / or changes deemed necessary to the schedule or program in keeping with newly identified threats, methods, techniques, due diligence and industry best practices. An annual review of the threat level parameters for the target facility is also accomplished. Our goal is to provide confirmation that the TSCM program is effectively reducing the risk of identifiable Technical Security related compromises. Mandatory In-Service Professional Development Training (ISPDT) is required annually for all of our Technical Security Specialists (TSS). Our company completes a full internal audit on an annual basis, updating all aspects of our administrative, technical and operational practices. This annual audit compliments our monthly threat analysis and review protocol designed to identify any required operational changes to meet new and developing technological threats around the globe.

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QUALITY ASSURANCE REVIEW

DOCUMENTED “SELF-AUDITS”

Our Quality Assurance Review Protocol (QARP)[™] process requires that the Technical Security Branch (TSB) conduct regular documented and unannounced on-site TSB employee “Self-Audits” utilizing a wide variety of typical, creative and theoretical simulated attacks and compromises involving real-time active and passive threats randomly during actual inspections in a real world environment. Information collected during the “Self-Audit” process allows significant improvements in the employee training and on-going equipment evaluation process.

ESPIONAGE OVERVIEW

Espionage is so widespread that no government, individual or business entity can be certain that protected classified information, confidential or sensitive proprietary information, has not been compromised by persons unknown, even when extremely high security standards are maintained by the client.

ESPIONAGE TREND

Unfortunately, this alarming trend continues to escalate due to at least in part, the vast technological advancements that are taking place almost daily in our society. Despite strict federal and provincial laws (civil and criminal) that are intended to protect against invasion of privacy issues. Espionage is generally a hostile and covert act unlike the theft of visible property, which immediately becomes evident to the victim We generally only hear reports about the failures – never the successful attacks.

EXTENT OF THE PROBLEM

Often the true extent of discovered or known incidents will never made public by the victimized party for fear that share prices would be affected or an eroded confidence of the public and potential investors would be the result. Successful attacks are rarely discovered and such a compromise eventually erodes resources and destroys the financial stability of the affected organization and can devastate any competitive edge. A great many organizations are victimized over a long period of time until it is often too late for any meaningful recovery.

ELECTRONIC HARASSMENT CLAIMS

The TSB has undertaken a great many assignments involving claims of various levels and degrees relating to electronic harassment during the past (30+) years. It is important to note that not one (1) of these claims was determined to be credible. In most of these types of assignments, elements of coincidence, elevated paranoia, medical conditions, emotional stability, personal circumstances, over active imagination and self-directed research using non-credible sources of information, were determined to be significant factors. Our role in conducting electronic harassment related assignments is to provide verification of such claims and to provide factual, scientific, and ethical information to the client with the objective of bringing some peace of mind to the client.

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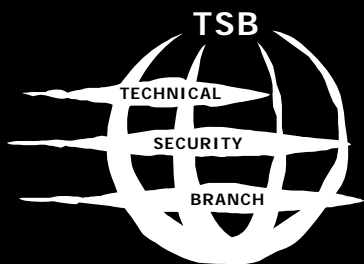
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STATISTICAL INFORMATION

HISTORICAL OVERVIEW

Our operational statistical information is based on documented TSB in-house data assembled between 1979 and up to the end of 2012 totalling a solid thirty (30+) years of professional service and currently includes 3,828 actual Technical Security inspections across Canada and beyond at all TSB established threat levels. In the early years the TSB completed as few as 48 technical inspections per year and in later years the TSB conducted up to 197 technical security inspections annually. The average is approximately 120 technical security inspections per year during the statistical reporting period.

CLIENT STATISTICS

Corporate work accounted for 36%, Financial Sector 30%, Manufacturing 10%, Government / Law Enforcement / Military 9%, Residential 7%, Individuals 6% and Delusional and Paranoid Clients accounted for 2% of the total number of Technical Security inspections conducted by the Technical Security Branch (TSB).

THREAT LEVEL

A review of the five (5) TSB Threat Level (TL) categories as established by the TSCM Operational Standard - Policy and Procedure Guideline (OS-PPG)[™] and TSB 2000 (Technical) Standard [™], indicated that (10%) of the inspections were assessed at Threat Level I (highest level), (72%) at Threat Level II, (15%) at Threat III, (2%) at Threat Level IV, and (1%) at Threat Level V (lowest level).

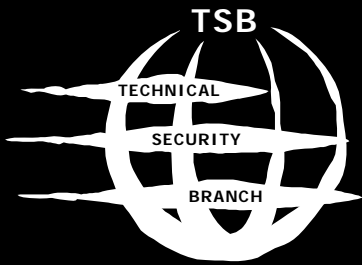
- In (24%) of our TSCM inspections, one (1) or more actual functioning Technical Surveillance Devices (TSD) or confirmed Technical Security Hazards (TSH) was discovered, removed, or corrected by our Technical Security Specialist (TSS) or we were able to verify a non-electronic compromise of confidential proprietary information. Of this (24%) - (7%) were of a domestic nature, (16%) were related to business interests or corporate affairs, and (1%) were related to covert vehicle tracking technology, Emergency Locator Transmitters (ELT) and Emergency Position Indicating Radio Beacons (EPIRB).
- In approximately (18%) of our inspections, evidence was discovered to indicate a TSD was present and had either been removed or self-terminated prior to the inspection, or strong evidence suggested that a verifiable compromise had taken place.
- In approximately (35%) of the inspections the loss of information appeared to be real, however no trace or specific evidence was discovered to confirm that a compromise had actually taken place. However, in (17%) of these cases the client indicated making the call to our office from an area of suspected compromise or discussing his / her suspicions with others opening within the target area or facility.

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STATISTICAL INFORMATION

- In approximately (23%) of the inspections conducted, no compromise could be proven and no evidence was discovered to confirm any compromise had actually taken place. However, in approximately (11%) of these inspections, the inspection was initiated by the client as a proactive preventative measure, usually without any specific reason for initiating the TSCM inspection, other than due diligence. In approximately (17%) of the inspections conducted, it appeared that the client's suspicions were unfounded or as the result of a paranoid mind, often created by other events of coincidence. In our best estimation, it would also appear that in approximately (75%) of all of the TSCM services performed by our Technical Security Specialists (TSS), the client was not totally forthcoming as to the real reason for contracting our services and therefore the actual risk could not be properly identified or established. This factor is a serious problem for the TSB in establishing the actual (real) threat level and often interferes with our ability to select the required equipment resources and methods and techniques to be utilized.
- Our Technical Security Specialists (TSS) identified security vulnerabilities (minor and major) (100%) of the time that needed to be addressed by the client to minimize the potential for a future compromise.

RECOMMENDATIONS (Professional Opinion)

It is strongly recommended that all business environments regardless of size or perceived risk or threat, consider as a minimum, a quarterly based TSCM inspection as part of a long term due diligence plan with respect to the identification of technical security concerns. When proprietary information or Research and Development (R&D) are a factor, various liability insurance policies require formal TSCM inspections to be conducted in order to remain in force. Covert surveillance may be "electronic" in nature or accomplished by a wide range of "covert intelligence gathering" techniques. These methods are widely utilized in domestic spying, stalking incidents, gaining a business competitive advantage (internal or external), Labour related disputes, dissatisfied or disgruntled employees, and others hoping to gain an edge within the workplace environment.

SUMMARY

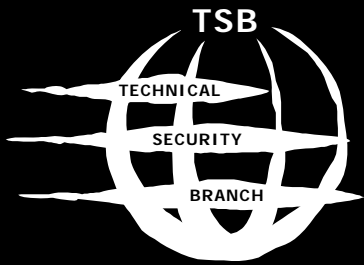
It is strongly recommended that all business entities develop and implement a formal third-party technical security program with a minimum of randomized monthly, quarterly or annual inspection elements.

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TSB PROFESSIONAL FEES

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We have developed, implemented and firmly believe that a Flat Rate professional services fee is the best policy in most situations. This way you will never have to worry about hidden or additional costs and can accurately determine the fees to be charged for our TSCM related professional services for budgeting and approval purposes.

ALTERNATE BILLING ARRANGEMENTS

Flexibility and provisions for more complex assignments and the requirement for travel, accommodation and expenses, including extended international assignments can include alternate billing arrangements. Where the client requires monthly, quarterly and annual inspection components the TSB can provide monthly or quarterly equalized billing to facilitate accounting and purchase order requirements. However, we always provide a full declaration and quotation of our professional fees up front prior to beginning any assignment.

SMALL BUSINESS / RESIDENCE / HOTEL / MEETING ROOM

Small Business (Office) Environments, Private Residences (Home Offices), Apartments, Condominiums, Hotel Rooms (and Meeting Rooms), Off-Site (Third Party) Meeting Rooms and Conference Facilities that are Typically Under 5,000 Square Feet with up to Ten (10) POTS (Analog), Digital Subscriber Lines (DSL), or VoIP Network.

- Typical Flat Rate: \$1,650.00 to \$2,250.00 (CAD)

REGIONAL OFFICE / MANUFACTURING / INDUSTRIAL

Larger Business (Office) Environments that are Typically Between 5,000 - 25,000 Square Feet with a POTS (Analog) or Multi-line Digital Telephone System (Copper / Fibre-Optic) with up to Twenty-five (25) POTS (Analog), Digital Subscriber Lines (DSL), or VoIP Network.

- Typical Flat Rate: \$1,850.00 to \$4,500.00 (CAD)

CORPORATE / INTERNATIONAL / OVERSEAS OFFICES

Corporate (Business) Environments Involving Sensitive Proprietary Information, Research and Development, Trade Secrets, and a Wide Variety of High Threat International and Overseas Company Operations with up to Fifty (50) POTS (Analog), Digital Subscriber Lines (DSL), or VoIP Network.

- Typical Flat Rate: \$2,250.00 to \$6,500.00 (CAD)

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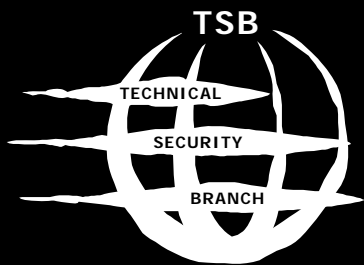
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TSB PROFESSIONAL FEES

GOVERNMENT / MILITARY / LAW ENFORCEMENT

High Threat-Level Government Offices or Facilities, Military Facilities, Embassy and Consulate Buildings Involving a Multitude of Sensitive, Protected and Classified Information, including High Threat-Level Overseas Business Interests and Travel Delegations with up to Seventy-Five (75) POTS (Analog), Digital Subscriber Lines (DSL), or VoIP Network.

- Typical Flat Rate: \$2,650.00 to \$7,500.00 (CAD)

VEHICLE / BUS / MARINE VESSEL / AIRCRAFT

Automobiles Utilized for Secure Transportation, Political Campaign Vehicles, Marine Vessels, and Private, Corporate, Government or Chartered Aircraft Possibly Compromised by Audio / Video Interception or GPS Tracking Technology.

- Typical Flat Rate: \$1,650.00 to \$7,500.00 (CAD)

SITE SURVEY / RF INTERFERENCE / SIGNAL PROPAGATION

RF Site Survey / Spectrum Evaluations for Large and Complex Geographically Isolated or Challenging Areas often associated with the Oil and Gas Industry, Mining Sector, Secure Research Facilities and / or Point to Point Communications Links that require a documented RF Spectrum Interference Site Survey at one (1) or more locations.

- Typical Flat Rate: \$2,500.00 to \$7,500.00 (CAD)

PROFESSIONAL SERVICE AGREEMENT (PSA)

The TSB may provide professional services on a per inspection basis or through a formal Professional Service Agreement (PSA) when the client requires a formal on-going Technical Surveillance Countermeasures (TSCM) program. Requests for Proposal (RFP) will include and PSA, NDA, and Scope of Work (SOW) along with a financial proposal for the work required based on an annual Purchase Order (PO).

NON-DISCLOSURE AGREEMENT (NDA)

Given the sensitive nature of TSCM related inspections, the TSB can provide (or sign) a formal Non-Disclosure Agreement (NDA) at the beginning stages of a RFP to facilitate the transfer of sensitive information including, facility floor plans, technical and construction specifications, project details and requirements and other information that might be required by the TSB to assess the threat level and provide the necessary proposal.

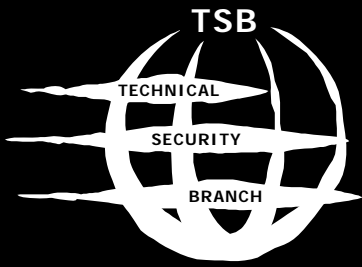
~ Published Professional Fees and Specifications are Subject to Change Without Notice ~

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FAMILIARIZATION WORKSHOP

TECHNICAL SECURITY FAMILIARIZATION WORKSHOPS

Our Technical Security Branch (TSB) conducts regular informal familiarization workshops designed to support TSB sub-contractors, end-users, sales and marketing personnel and other Technical Security consultants who either utilize, or are considering, sub-contracting the services of the TSB in-house or for their own clients. TSB Familiarization Workshops are one day in length and involve instructor led presentations and equipment demonstrations. Our workshops address Technical Security concepts in general while helping to dispel many of the misconceptions about Technical Security.

THE COST OF TARGETED ESPIONAGE

The average cost per incident of targeted corporate / economic espionage is reported to be 1.3 million dollars. Learn about the Best Recommended Practices (BRP) for safeguarding your organization by developing a formal in-house Technical Security / Counter-Intelligence (CI) Program. Learn how the TSB can provide the necessary technical security inspections to compliment your program and reduce the potential for compromise. How secure is your business / facility in today's highly competitive global environment?

TECHNICAL SECURITY (TS) WORKSHOP CONTENT

- ☑ Understanding the Real Threat and Cost of a Technical Compromise
- ☑ Satisfying Corporate Due Diligence Requirements
- ☑ Common Misconceptions - Fact Vs Fiction
- ☑ Recommended TSCM Program Requirements
- ☑ Why TSCM is Not a Do it Yourself Project
- ☑ Contracting Professional TSCM Services
- ☑ Understanding the TSCM Report

Also Included

- ☑ See Real Technical Surveillance Devices (TSD) First Hand
- ☑ TSCM Equipment Review and Demonstrations
- ☑ Technical Security Reference Guide
- ☑ TSB Informational Marketing Materials
- ☑ Participation Certificate
- ☑ Lunch and Refreshments will be Served

If you would like additional information or wish to reserve a seat for the next scheduled Technical Security (TS) Workshop contact our office.

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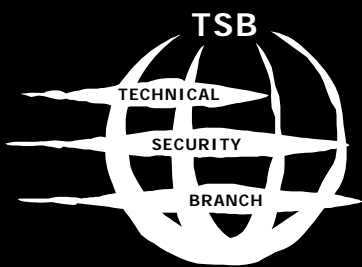
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FAMILIARIZATION WORKSHOP

SUB-CONTRACTOR WORKSHOPS

The Technical Security Branch (TSB) can also arrange to conduct our Sub-Contractor Workshops in-house at your own facility or other suitable location. All workshop participants are provided with a valuable TSCM Technical Security Reference Guide and a Marketing / Professional Service Resource Guide. Our TSB Familiarization Workshops are ideal for both technically and non-technically oriented sales and marketing personnel, agency managers, professional investigators and client support personnel.

If you would like additional information or wish to reserve a seat for the next scheduled Technical Security (TS) Workshop contact our office.

SECURITY AWARENESS TRAINING (SAT)

The Technical Security Branch (TSB) provides Security Awareness Training (SAT) for individuals, businesses, corporations, government and military organizations. Our customized training consists of one (1) day hands-on workshops that are designed to prepare the client's company employees and managers when there is concern relating to Technical Security issues. The protection of sensitive company information is everyone's responsibility and therefore the overall Security Posture is only as good as the weakest link, which is often the employee level workforce.

- Developing an Employee Awareness Program
- Preparing for Business Travel

SECURITY REFRESHER BRIEFINGS (SRB)

Our Security Refresher Briefings (SRB) are designed for companies involved in high level competitive bidding, government or defence contracts or other situations that require periodic Security Refresher Briefings (SRB) for in-house employees or external sub-contractors and other third party organizations.

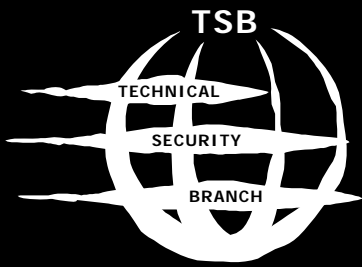
- Satisfy Due Diligence Requirements
- Audit and Compliance Protocols
- Facility Security Clearance Requirements
- Validate Proactive Security Measures

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BUSINESS DEVELOPMENT

TSCM BUSINESS DEVELOPMENT TRAINING PLAN (BDTP)

The Technical Security Branch (TSB) has developed a TSCM Business Development Training Plan (BDTP)[™] that is designed to provide a turnkey business opportunity for government, corporate, investigation / security agencies and individuals wishing to provide professional level TSCM related services in-house for their employers, or even start their own TSCM related business. Our program takes a graduated approach to the training, equipment and certification of individual operators beginning with our Technical Security Specialist (TSS) Certification (Designate) training program and the integration of professional level TSCM equipment resources. Our Business Development Training Plan (BDTP)[™] begins with participants completing the Basic, Intermediate and Advanced program phases and rounds out with Equipment Training Operator Certificates (ETOC)[™] for the equipment resources selected, purchased and introduced during the training process. There are significant advantages in combining training and equipment as participants receive training and operator certification on the actual equipment resources that he / she will utilize in the field.

TSS CERTIFICATION (DESIGNATE) TRAINING (250 Hours)

Participants must attend all three (3) phases of the Technical Security Specialist (TSS) Certification (Designate) program as part of the Business Development Training Plan (BDTP)[™]. The TSCM equipment package as individually selected by participants, will be introduced during the Intermediate Level of the Certification (Designate) training phase.

- ☑ Technical Security Specialist (TSS) - Basic Level (120 Hours)
- ☑ Technical Security Specialist (TSS) - Intermediate Level (60 Hours)
- ☑ Technical Security Specialist (TSS) - Advanced Level (60 Hours)
- ☑ TSS Certification Examination Process (CEP) (10 Hours)

MTSS CERTIFICATION (DESIGNATE) TRAINING (60 Hours)

Our Master Technical Security Specialist (MTSS) program is reserved for those seasoned Technical Security Specialists (TSS) who have met the required number of documented operational hours for both training and experience.

- ☑ Master Technical Security Specialist (MTSS) - Master Level (60 Hours)

TSCM EQUIPMENT (OPTIONS)

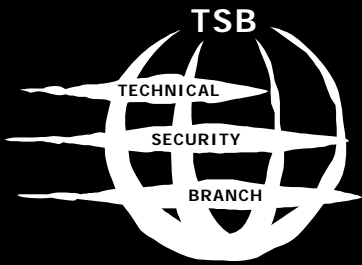
- ☑ Basic (Entry Level) Equipment Package - Recommended as a starting point for low threat level inspections including residential clients and small business environments.
- ☑ Intermediate (Corporate Level) Equipment Package - Designed to meet budget sensitive requirements of corporate security departments and other security professionals including the executive protective environment.
- ☑ Advanced (Professional Level) Equipment Package - Developed to meet the minimum recommended equipment requires of the Technical Security Specialist (TSS) providing TSCM for third party clients in high threat level signal environments.

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BUSINESS DEVELOPMENT

TSCM EQUIPMENT RESOURCES (OPTIONAL)

Participants purchase new (or optionally previously owned) TSCM equipment resources as part of the Business Development Training Plan (BDTP)™, and will receive formal operator certification training on the actual equipment resources that will later be utilized in the field after the program. Depending on the equipment budget available and the actual level of inspections or service that the participant intends to conduct, we have developed three (3) equipment levels (Entry Level / Corporate / Professional) that meet the TSB 2000 (Technical) Standard™ and the recommended practices established by the TSCM Operational Standard - Policy and Procedure Guideline (OS-PPG)™. Each (optional) equipment package may be customized to meet individual budget and operational requirements or skill level achieved. All equipment resources recommended and / or provided by the TSB are high quality and reliable professional level resources.

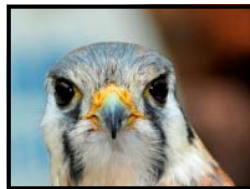
TSB TECHNICAL SUPPORT

The TSB provides limited technical support to participants of the Business Development Training Plan (BDTP)™. This is accomplished by either electronic mail or telephone for a period of one (1) year from the date of successful completion of the program and provides participants with technical support for practical field related and theoretical scenarios he / she might encounter during the early stages of working with complex TSCM equipment resources. Additional technical support options may be purchased at an additional cost.

BDTP ANNUAL CERTIFICATION REVIEW (ACR)™

Participants of the Business Development Training Plan (BDTP)™ are eligible to participate in our BDTP Annual Certification Review (ACR)™ program hosted by the Technical Security Branch (TSB). Participants who attend the Annual Certification Review (ACR)™ will automatically receive an additional one (1) year of limited TSB Technical Support. Participants who do not attend the Annual Certification Review (ACR)™ do not meet the TSB 2000 (Technical) Standard™ certification and training requirements until successfully completing the ACR requirements.

KESTREL TSCM™ PROFESSIONAL SOFTWARE



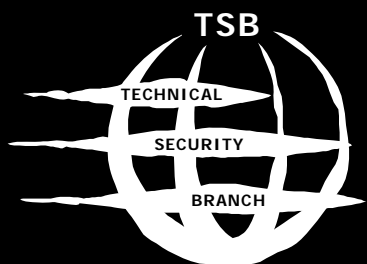
Professional Development TSCM Group Inc., has developed the Kestrel TSCM™ Professional Software - Signal Intelligence Support System (SISS), based on 30+ years of professional experience in providing Technical Surveillance Countermeasures (TSCM) services at all known and developing operational threat levels, for individual, business, corporate, law enforcement, government and military clients across Canada and globally. The Kestrel TSCM™ Software is well positioned to become the industry standard that all other equipment resources will be judged. Recent technological advancements have encouraged the development of extremely sophisticated Software Defined Radio (SDR) functionality and advanced TSCM specific features. Sophisticated equipment resources and advanced operator training are a powerful weapon in combating espionage.

Professional Development TSCM Group Inc.

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TSS CERTIFICATION TRAINING

TSS CERTIFICATION (DESIGNATE) TRAINING PROGRAM

The Technical Security Branch (TSB) has developed a variety of highly specialized TSCM related professional development and certification training programs and workshops for government, private and corporate security teams and other TSB approved individuals and organizations. The TSB conducts both a combination of online, part-time workshops and full-time residence based classroom and hands-on practical training at our Resident Training Centre (RTC) consisting of our Technical Security Specialist (TSS)™ Certification (Designate) training program and our Annual Certification Review (ACR)™. On successful completion of our certification program, participants are issued TSB Certification Credentials as a Technical Security Specialist (TSS). The certification level is accomplished based on previous experience, education and other factors as determined on an individual, case by case basis.

CERTIFICATION TRAINING OVERVIEW (250 Hours)

- ☑ **Technical Security Specialist (TSS) - Basic Level** - This phase of the certification program involves 120 hours of classroom based training at our RTC and a self-guided online component in basic TSCM theory and concepts, electrical and electronic fundamentals and test measurement knowledge that complement the successful completion of the resident based Intermediate and Advanced phases of the program (Prerequisite - Program Acceptance).
- ☑ **Technical Security Specialist (TSS) - Intermediate Level** - This program involves seven (7) full days (60 hours) of classroom instruction involving TSCM and Counter-Intelligence theory and concepts, with hands-on practical exercises involving a wide range of known interception methods and devices, TSCM equipment and techniques (Prerequisite - Basic Level).
- ☑ **Technical Security Specialist (TSS) - Advanced Level** - This program involves seven (7) full days (60 hours) of classroom instruction with hands-on practical exercises involving the conducting of simulated TSCM inspections (Prerequisite - Intermediate Level).
- ☑ **Certification Examination Process (CEP)** - Involves a unique research based take home examination with an additional ten (10) hours of credit.
- ☑ **Master Technical Security Specialist (MTSS) - Master Level** - Upon successfully meeting the requirements for the Technical Security Specialist (TSS) designate status and upon reaching the prerequisite hours of experience and other requirements, TSS designates may attend our Master Technical Security Specialist (MTSS) designate program. This program involves seven (7) full days (60 hours) of classroom instruction with hands-on practical exercises involving the conducting of simulated TSCM inspections (Prerequisite - TSS Designate Certification Program).
- ☑ **Annual Certification Review (ACR) - Formal TSS (Designate) Certification** requires the participants meet annual professional development training requirements including an Annual Certification Review (ACR) conducted by the Technical Security Branch (TSB). The ACR involves three (3) full days of professional development training as well as an additional 16 hours of logged TSCM related continuing education.

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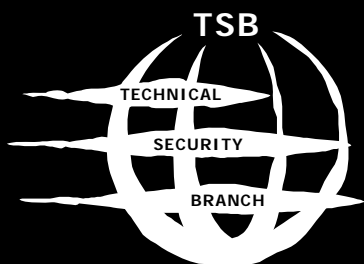
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TSS CERTIFICATION TRAINING

PROGRAM CONTENT DESCRIPTION

Our TSS Certification (Designate) Program begins with participants completing our self-study (TSS Basic Level) online training phase, consisting of 120 hours of programmed instructional content prior to attending the Resident portion of the program.

TSS VIRTUAL CAMPUS - BASIC LEVEL

Our TSS Virtual Campus provides participants with everything needed to complete the (Basic Level) training and consists of structured lessons, lecture and reading materials, research assignments, self-guided progress evaluation quiz (check on learning) and the basic level examination.

RESIDENT TRAINING CENTRE (RTC) - INTERMEDIATE AND ADVANCED LEVEL

The (Basic Level) TSS Virtual Campus training is then followed by participants attending our Resident Training Centre (RTC) to complete the (Intermediate Level) and (Advanced Level) training consisting of 120 hours of extensive instructor lead classroom and practical application training in a 14-day full-time (resident) based format to complete the certification (designate) training. Upon completion of the TSS (Designate) Certification Program participants will complete a rather unique research based final examination adding an additional 10 hours to the program for a total of 250 hours of training.

RESIDENT TRAINING CENTRE (RTC) BENEFITS

Our resident based program includes all meals, individual private accommodation, excellent course materials, final (TSS Certification) examination, and TSS Designate (Certification) credentials based on the successful completion of our Technical Security Specialist (TSS) designate program that includes the Basic, Intermediate, and Advanced level TSCM training phases. Our Resident Training Centre (RTC) fosters a pleasant, convenient, and enjoyable learning experience without the usual on the job training related distractions. Participants attend an adult learning centre with state-of-the-art classrooms located in the centre of a 75 acre park like setting. Our facility is located south of the nations capital in Cornwall Ontario Canada along the St. Lawrence River. In fact, the RTC is located at the foot of the St. Lawrence River. This location allows for international and out of province or country participants the convenience of flying into the Ottawa International Airport.

EQUIPMENT TRAINING AND OPERATOR CERTIFICATE (ETOC)

Our ETOC program is an equipment operator based program for the Kestrel TSCM™ Professional Software and other TSCM manufactured equipment resources.

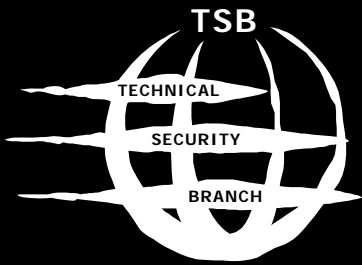
The TSB reserves the right to refuse admission to anyone who might utilize the knowledge / skill from our programs for purposes other than intended.

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MISCELLANEOUS INFORMATION

ELECTRONIC REPORTING SYSTEM (ERS)™

The TSB is committed to providing an exceptional work product as might be expected of a true industry leader. The Technical Security Branch (TSB) has developed a unique interactive Electronic Report System (ERS)™ CD-ROM / DVD based reporting capability for the Final Inspection Report (FIR). Our ERS significantly enhances the Operational Security (OPSEC) aspect of highly sensitive TSCM reports by minimizing the number of uncontrolled copies and reduces the amount of actual physical storage space required by the client over traditional paper based reports. The ERS allows the TSB to include considerable reference and support materials, not possible with our former paper based reports. Another example of our corporate responsibility and direct benefit, is realized by reducing unnecessary impact on our environment by a significant reduction in the amount of paper based reports by 98 % in recent years.

TSB AREA OF OPERATIONAL CAPABILITY (AOC)

The TSB provides specialized TSCM related professional services across Canada and around the globe as required by our client's extensive regional, multi-national and international business operations. The TSB has developed the ability to provide a wide range of highly specialized Technical Security services such as TSCM, ECM, CI, COMSEC, CSRP, EMSEC, TACSEC and RDF assignments virtually anywhere around the globe where it is legal to provide TSCM professional services. The TSB also works closely with a select number of professional associates across the country and around the globe, further enabling the TSB to both coordinate complex assignments and provide additional highly specialized support services such as Cyber Security and external Computer Forensic services.

CANADIAN TECHNICAL SECURITY PROFESSIONAL ASSOCIATION (CTSPA)™

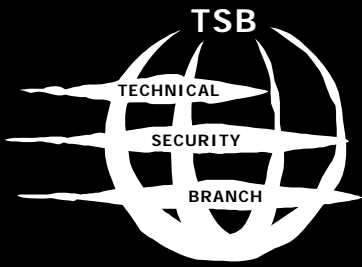
The TSB developed the TSB 2000 (Technical) Standard™ and our organization was key in the Implementation of the CTSPA, which has been described as a unique professional association comprising of private sector, government, military, industry manufacturers and other Technical Security professionals. Professional Networking, Continuing Education and Professional development were recognized early on as an important and fundamental necessity for anyone working within the Technical Security industry. The CTSPA brings together the collective experience and training of the top industry professionals from across Canada and around the globe. Members contribute generic technical data from various TSCM equipment resources for review and use by other members with the same equipment resources. This unique ability to share global spectral information significantly improves the Probability of Detection (POD) of hostile Technical Surveillance Devices (TSD) and methods.

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MISCELLANEOUS INFORMATION

CANADIAN TECHNICAL SECURITY CONFERENCE (CTSC)™

The TSB is the primary and founding Corporate financial sponsor and organizer of the Canadian Technical Security Conference (CTSC) held annually in Canada. Technical Security and Counter-Intelligence (CI) professionals from Canada and around the globe participate in this unique professional development event. In pursuit of professional excellence, the TSB has elected to sponsor four (4) important objectives that are directly related to professional development activities, including; TSCM Research and Development (R&D); on-going Continuing Education; the Canadian Technical Security Conference (CTSC); and the creation of the Canadian Technical Security Professional Association (CTSPA) designed to become the primary sponsor and organizer of the annual CTSC event.

TSCM OPERATIONAL STANDARD - POLICY AND PROCEDURE GUIDELINE (OS-PPG)™

The Technical Security Branch (TSB) has developed the TSCM Operational Standard - Policy and Procedure Guideline (OS-PPG™), described as an in-house proprietary document that was formally implemented by the TSB in January 2000 after more than twenty-five (25) years of research and development.

TSB 2000 (TECHNICAL) STANDARD™

The TSB 2000 (Technical) Standard is the non-proprietary version of the OS-PPG™ standard that describes in detail the minimum recommended, training and experience, equipment standards, best recommended practices and other essential guiding principles relating to professional standards in Canada and beyond. Although, the TSB 2000 (Technical) Standard™ is a work in progress, the essential working elements as established provide guidance for those working within the Technical Security industry who wish to maintain a recognized high standard of professional service. As the Canadian Technical Security Professional Association (CTSPA)™ formalizes and grows in scope and membership, the TSB 2000 (Technical) Standard™ will become a very powerful and important element in guiding the general public, regulatory authorities, business entities, corporate security, government organizations and perhaps most importantly, key industry professional service providers, with respect to the Best Practices, Professional Industry Standards, Code of Ethics and other key operational areas of the TSCM industry.

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Technical Security Branch (TSB)

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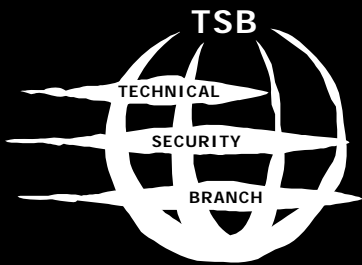
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DOMESTIC COUNTERMEASURES

DOMESTIC COUNTERMEASURES (DCM)

The Technical Security Branch (TSB) recognizes that many private individuals face technical security related challenges and situations that for a wide variety of reasons and circumstances may benefit from our Technical Surveillance Countermeasures (TSCM), Electronic Countermeasures (ECM) and Telephone (Debugging) related services. The TSB has developed a unique approach specifically for private individuals through the development of our Domestic Countermeasures (DCM) program. This professional Electronic Countermeasures (ECM) and Telephone Debugging services specifically designed for clients facing a wide range of challenging domestic related situations and other scenarios relating to direct family, extended family and even co-workers. Often our clients are facing uncertainty and intimidation relating to both legal and illegal physical and electronic (audio / visual) surveillance activities. Criminal and Civil Litigation may also be a factor. Oftentimes there will be a direct inside connection relating to the clients invasion of privacy or interception of communications.

- ☑ Criminal Harassment (Stalking)
- ☑ Disputes with Neighbours and Other Persons
- ☑ Child Custody and Divorce Scenarios
- ☑ Domestic Violence
- ☑ Electronic Harassment / GPS Tracking Technology

TECHNOLOGY

Domestic related surveillance (spying and voyeurism) have become a cost effective and relatively easy task for even those with little or no technical ability. Often the attacker is someone on the inside or has access to the target. In-fact, a covertly installed wireless pinhole camera may be obtained for as little as twenty-five (25) dollars (batteries not included). The threats posed by wireless telephone technology, cellular telephones, extensive personal computer vulnerabilities, GPS tracking devices, and miniature audio and video transmitters turning up in private residences, rest rooms, change rooms and personal automobiles are significant. All of these devices are being uncovered at an alarming rate as more and more people seem willing to utilize legitimate technology for illegal activities. The implications of not conducting an electronic sweep is self evident when such circumstances exist.

PROFESSIONAL SERVICES

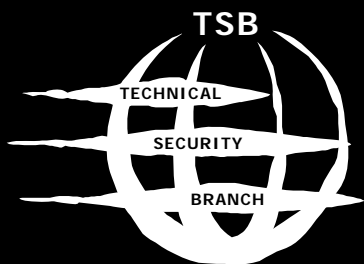
The TSB utilizes only professional level equipment resources, methods and techniques to search for, detect, locate and identify illegal covert Technical Surveillance Devices (TSD) and a wide range of Technical Security Hazards (TSH) relating to private residences, vacation and rental properties, apartment units and condominiums, vehicles of all descriptions and other client controlled property.

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DOMESTIC COUNTERMEASURES

A WORD OF WARNING

TSCM is not a do it yourself project. Spy shops and Internet sources advertise all sorts of bug detectors, usually from a few hundred to more than a thousand dollars. The majority of these so-called bug detectors and other devices are useless and a total waste of money despite the marketing claims. In-fact, many of our clients have contacted us to complete a professional sweep after having purchased such detectors and either failed to detect devices or received a false confirmation of a compromise. It takes years of experience to properly understand and interpret the meaning the audio and visual indications presented in a complex signal environment. The TSB utilizes equipment resources costing hundreds of thousands of dollars and combines this with (30+) years of extensive experience. Even the most inexpensive bugging device can be extremely difficult to detect even with the proper equipment and knowledge. It is also unfortunate that there is an entire industry of sub-par individuals and companies that claim to offer TSCM related services and are willing to take your money. Many have little or no equipment, training or experience and will leave you at risk of further compromise with a dangerous false sense of security.

COMMON TYPES OF TECHNICAL COMPROMISE

In practice there are many ways that an attacker might compromise sensitive information or individual privacy rights. Technological advancements in micro-electronics have made it possible to purchase and utilize legal devices for illegal purposes for which they were not designed or intended.

- RF Audio Interception Devices
- Wireless Microphones
- Remote Control Surveillance Devices
- Voice Activated Recording Devices
- Covert Wireless Video Cameras
- Telephone Line Taps
- Remote Interception Devices
- Portable Electronic Devices
- Sophisticated Power Line Transmitters
- Infrared (IR) Transmitters
- Laser Interception Devices
- Acoustical / Mechanical (Room Audio) Recovery

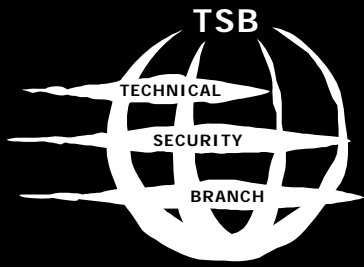
NOTE: Please understand that we provide Technical Surveillance Countermeasures (TSCM) related professional services and training only. We do not provide private investigation or security related services. If you require the services of a investigator or security service we would be happy to recommend an appropriate agency.

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GLOSSARY OF TERMINOLOGY

GLOSSARY OF TERMINOLOGY

The terminology utilized within our Professional Service and Training Guide can be somewhat confusing, so we have included a glossary of terminology to assist you in better understanding the information provided.

- ☑ **ACR - Annual Certification Review**
- ☑ **AOC - Area of Operational Capability**
- ☑ **BDTP - Business Development Training Plan**
- ☑ **DCM - Domestic Countermeasures**
- ☑ **CEP - Certification Examination Process**
- ☑ **CI - Counter-Intelligence**
- ☑ **COMSEC - Communication Security**
- ☑ **CSRP - Cyber Security Review Protocol**
- ☑ **CTSC - Canadian Technical Security Conference**
- ☑ **CTSPA - Canadian Technical Security Professional Association**
- ☑ **ECM - Electronic Countermeasures**
- ☑ **EMSEC - Emission Security**
- ☑ **ERS - Electronic Report System**
- ☑ **ETOC - Equipment Training and Operator Certification**
- ☑ **GPS - Global Positioning System**
- ☑ **ISPDT - In-Service Professional Development Training**
- ☑ **MTSS - Master Technical Security Specialist**
- ☑ **NDA - Non-Disclosure Agreement**
- ☑ **OPSEC - Operational Security**
- ☑ **OS-PPG™ - TSCM Operational Standard - Policy and Procedure Guideline**
- ☑ **POTS - Plain Old Telephone Service**
- ☑ **PSA - Professional Service Agreement**
- ☑ **QARP - Quality Assurance Review Protocol**
- ☑ **RDF - Radio Direction Finding**
- ☑ **RTC - Resident Training Centre**
- ☑ **SAT - Security Awareness Training**
- ☑ **SISS - Signal Intelligence Support System**
- ☑ **SRB - Security Refresher Briefing**
- ☑ **TL - Threat Level**
- ☑ **TRA - Threat Risk Assessment**
- ☑ **TS - Technical Security**
- ☑ **TSB - Technical Security Branch**
- ☑ **TSCM - Technical Surveillance Countermeasures**
- ☑ **TSD - Technical Surveillance Device**
- ☑ **TSH - Technical Security Hazard**
- ☑ **TSS - Technical Security Specialist**

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Role of the Leader – Brings it All Together and Makes it Happen!

The TSCM Operational Standard – Policy and Procedure Guideline (OS-PPG)TM is the Industry Benchmark that all others will (or should) be judged against when making the due diligence decision to contract professional TSCM services for your company or client...

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

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**Paul D Turner, TSS TSI
Corporate Director
ITC Certified (Level I) Thermographer**

pturner@pdtg.ca



Professional Development TSCM Group Inc.

"Even Industry Experts Use Our Professional TSCM (Debugging) Services"

For additional information about our TSCM services, contact Paul D Turner, TSS TSI at pdtturner@pdtg.ca or (647) 293-7384

TECHNICAL SURVEILLANCE COUNTERMEASURES

Technical Security Branch (TSB)



TSB Certified Personnel



TSS Certification Training

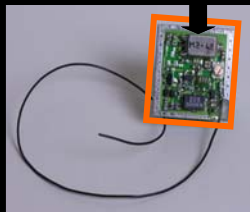


TSB Equipment Resources



Technical Surveillance Device (TSD)

Ask us how a Technical Surveillance Device (TSD) measuring just 20 x 22 mm could destroy your competitive edge and ultimately your business viability...



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Are you, or is your Company, the Target of Covert Technical Surveillance or Industrial / Corporate Espionage?

Would you know if you were?

Rational:

If your answer is no, you or your company likely need to develop and implement a formal TSCM program. If your competitor is always one step ahead, if others seem to be aware of sensitive or confidential information, if you have reason to believe that you or your company may be compromised - Contact the TSB to schedule a TSCM Sweep Inspection.

PDTG has a solid thirty (30+) years experience in providing Technical Surveillance Countermeasures (TSCM) and Counter-Intelligence (CI) related professional services. Our field personnel are certified by the TSB as Technical Security Specialists (TSS), undergo mandatory annual professional development training, and maintain a personal security clearance. Our personnel maintain high industry standards, and our Technical Security Branch (TSB) has developed the only TSCM Operational Standard - Policy and Procedure Guideline (OS-PPG)™ available, exceeding TSCM industry and client expectations, for providing high threat-level inspections.

Rational:

Due-diligence, Labor Unrest (Negotiations), Litigation, Human Resources Issues, Share-holder Events, Research and Development, Sales and Marketing, Media Sensitive Events, Criminal Harassment, Invasion of Privacy, Domestic Situations, and Peace of Mind.

The TSB has developed a threat-level specific approach to determining what TSCM professional services, methods and techniques are necessary for each client. Whether the client operates a small business operation, corporation, government agency, military, or is an individual with domestic related concerns, the TSB can adapt a wide variety of specialized methods and techniques to ensure the highest level of privacy for the client's personal interests and / or business environment.

Rational:

Radio Frequency (RF) Transmitters, Physical Security Posture, VLF Carrier-Current Transmitters, Covert Video, Hard-Wired Microphones, Theft / Copying, Tape-Recorders, Optical Systems, Surveillance Oriented Activities, Computer System and Data Storage Facilities, Telephone Systems and Network Equipment, Acoustical / Mechanical Transfer, Recovery of Garbage / Recycling Material, are just a few of the common types of compromises.

The TSB, owns and operates the highest level of professional TSCM equipment resources available. The TSB maintains a strict acquisition, maintenance, calibration and testing schedule to ensure correct operation and court admissible standards, if required. We do not rent our TSCM equipment, and only authorized TSB certified personnel are permitted to operate equipment resources. All TSCM equipment resources are upgraded regularly as new software and firmware become available. Many of our so-called competitors rely on one (1) piece of entry-level equipment, leaving the client with little more than a false sense of security. The TSB utilizes professional equipment resources from nearly all the major TSCM, Test & Measurement and Telecommunications industry equipment manufacturers and have the technical capability to operate at all know Threat Levels (TL).

Rational:

The TSB recommends conducting due-diligence TSCM sweep inspections on a semi-annual basis. Businesses hire accountants and lawyers, yet often fail to contract a professional Technical Security Specialist (TSS) to safeguard confidential and proprietary information.

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