



TSCM Support

(Tech Surveillance Counter Measures)

General

TSCM is a growing threat to the public and private sectors. Electronic devices continue to get smaller. They operate longer on a battery and they transmit or store information in formats that did not exist even 5 years ago. FullBlast has experience installing electronic devices. FullBlast knows how to camouflage audio, video, WiFi, cellular and teltap penetrations. FullBlast knows what devices look like and we are equipped to spot likely placement opportunities. FullBlast is able to operate equipment used in the identification and removal of electronic devices. FullBlast knows how to implement security issues to interdict the potential make further violations possible.

FullBlast Technologies offers a two-tiered approach to TSCM sweeps.

Defender. The Defender suite of services is a good interim-level physical survey.

1. Look for evidence of surface penetration	Listening or Visual devices require, antennas, batteries, transmitters and other items that require concealment. Often time they are buried into drywall, concrete, wood, plaster, etc. We look for perturbation in textures and paint or finishing.
2. Identifies electronic components inside walls, ceiling, furniture.	Through the use of Non Linear Junction Detectors, electronic objects with silicon components return a signal that is unique. When these objects are in walls or ceilings they are identified beneath the surface, even when turned off.
3. Look for heat signature, walls, ceiling, furniture	Electronic devices don't hold heat with the same capacity as that of the surrounding wall. A thermal imager will identify the difference in heat and silhouette the object. Heat can be imaged images beneath the surface.
4. Measure radiation containment of SKIFF	Calibrated radio equipment that measures the TEMPEST integrity of a shielded enclosure.
5. Sort out friendly and hostile radio signals	Hostile radio devices generate an RF signal. That signal has consider amplitude when a receiver is placed within inches. The signal drops off quickly at distance, unlike Radio or TV signals which do not. In this manner a hostile signal can be identified.

Defender Plus. The Defender Plus, suite of services is a thorough probe to identify electronic and physical penetrations.

1-5 above apply plus:

6. Specific targeting of cellular devices.	Cellular technology is prolific and its easy to manipulate. This test identifies anything in the cellular radio spectur.
7. Identify and locate cameras	Using light retroflection it is possible to locate camera lenses. Lenses are usually attached to cameras.
8. Setup control zone strategy with Security Officer.	Design a strategy that controls access throughout your facility. Maintain physical security through a new discipline.
9. Additional Counter Measures.,	A thorough workup of offensive and defensive measures, not in use, that could provide additional security.

TSCM Cost Schedule

	Feature	Program	hrs	Program	hrs	
		Defender		Defender Plus		
1	Physical Inspection	Look for physical evidence of surface penetration	2	Look for physical evidence of surface penetration	2	
2	Non Linear Junction Detector Scan	Identifies electronic components inside walls, ceiling, furniture.	2	Identifies electronic components inside walls, ceiling, furniture.	2	
3	Thermal Scan	Look for heat signature, walls, ceiling, furniture	1	Look for heat signature, walls, ceiling, furniture	1	
4	Tempest interim measurement	Testing after certification to maintain integrity	1	Testing after certification to maintain integrity	1	
5	RF Spectral Scan	Sort out friendly and hostile radio signals	2	Sort out friendly and hostile radio signals	2	
6	Cellular penetration	0	0	Identifies cellular quickplant and trojan	1	
7	Camera Detection	0	0	Identifies cameras on terminal surface	1	
8	Additional Counter Measures	0	0	Survey to identify additional necessary Tech Surveillance Counter Measures	2	
	Total		8		12	
		\$ 3,100.00		\$ 3,900.00		