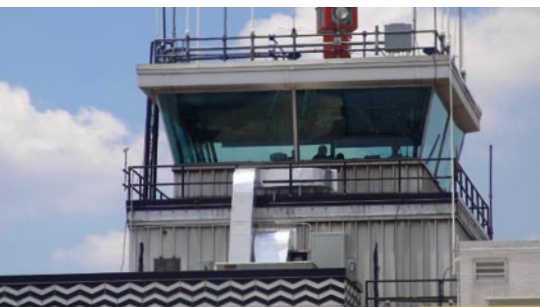




Applications for Counter Measure Receiver Microscan MS300

Countering Espionage – A modern threat



» Radio transmitting devices are probably the most popular types of eavesdropping device. They are readily available, relatively cheap, and widely advertised. The MS300 Counter Measure Receiver is a compact, easy to use single piece of equipment, supplied in a rugged carrying case which contains the unit itself, antennas and notebook PC.

Key Applications

- » **Monitoring all incoming and outgoing signals from military bases.**
- » **Radio monitoring by regulatory government authorities.**
- » **Government sweep teams for internal and external security.**
- » **Professional sweep teams.**
- » **Embassies protection against espionage.**
- » **Presidential, State Security.**
- » **RF environment monitoring and interference management.**

The MS300 offers extensive coverage from 10kHz to 15GHz, sophisticated algorithms, advanced DSP capabilities, and special software enable very fast sweeps to be undertaken across the entire frequency spectrum for the detection of covert transmitters.

Signal Monitoring

With the ever increasing demand for radio based services, monitoring of the radio spectrum plays a vital role today in keeping the spectrum clean for authorised users, particularly the emergency services. It is also an essential and integral part of the spectrum management process, producing and evaluating data to aid spectrum managers in their day to day work.

The MS300 provides specific frequency management and signal surveillance applications.

Frequency management:

- Monitor RF bands to determine compliance with local laws and regulations.
- Monitor assigned frequencies to look for interfering signals or to determine if your transmitters are working properly.
- Look for RF sources that might be causing out of band interference to other equipment such as medical.





Protection against Espionage

Electronic eavesdropping is frequently used by competitors, suspicious partners, investigative reporters and many others who seek to illicitly gather information on organisations and individuals. The global state of Organisations are relatively strong on IT Security but weak on IP protection.

- Sweep rooms or buildings for bugs or other RF emitters

The MS300 provides broad frequency range, fast scanning speed, graphical display to aid in signal identification, good sensitivity, good selectivity, video demodulation & remote computer control.

The MS300 provides you with reassurance that your critical information is protected from unauthorised surveillance. The MS300 detects, defends and deters espionage, providing an instant status overview and a cost effective route to due diligence, boosting your protection and security.

The MS300 provides you with the knowledge that all information, conversations and data are secure from any covert devices.

Public Sector & State Security

Government organizations face unique challenges, but many distinctly different from those confronted by the private sector. While the most common method of compromise was email, public sector also pointed to the abuse of surveillance devices and that few government organizations have established standards and policies for TSCM (Technical Surveillance Counter Measures).

- Counterintelligence Department

Advantages of the MS300

- Continuous Monitoring allows detection of burst mode and remote controlled devices
- Remote monitoring by means of internet link
- Accurate identification of pulsed signals such as GSM, Bluetooth and IEEE 802.11 wireless networks
- Extended frequency coverage to 15GHz with internal MDC using existing MS300 antenna's
- Several rooms can be swept in one run
- Dedicated video search
- E-mail alert facility on detecting a new signal



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