



3 PILLARS OF PROTECTION OF INTELLECTUAL PROPERTY

Advanced Corporate Solutions (ACS) are experienced practitioners in the field of Technical Surveillance Counter Measures (TSCM) and carry out searches for a broad based clientele worldwide.

TSCM



DIGITAL
 FORENSICS



INFORMATION
 AND CYBER
 SECURITY



ROGUE ACCESS POINTS - THE INSIDER THREAT

2019 should be a year where more importance and focus are placed on information security for businesses than ever before. Viruses and data breaches will continue to present themselves as threats, leading to unplanned downtime, intellectual property loss, and an increase in expenditure, but they won't be the only ones. Of all the threats your corporate network is exposed to, few are as potentially dangerous as the "Rogue Access Point". A rogue AP is a WiFi Access Point that is set up by an attacker for the purpose of sniffing wireless network traffic in an effort to gain unauthorized access to your network environment. Ironically, though, this breach in security typically isn't always implemented by a malicious hacker. Instead, in most instances they are configured (misconfigured) installed by someone who is simply looking for the same convenience and flexibility at work that they've grown accustomed to using on their own home wireless network. Regrettably, though, many people don't understand the intricacies involved with wireless networking and end up deploying them without configuring proper security measures required to ensure secure communications in the office environment. As a result, the existence of this unauthorized AP leaves your network susceptible to attack by anyone who has a wireless connection and is within close enough proximity to see it. In order to successfully defend against these types of threats not only will you need to build new security controls into your network environment, but you will also have to make sure that anyone who connects your network is aware and cultured in information security practices.

THE ACS SOLUTION TO ERADICATE ROGUE ACCESS POINTS AND SECURE YOUR INTELLECTUAL PROPERTY

WiFi has revolutionized the way we work and play. WiFi makes connectivity from anywhere simple and painless... in theory.

But when WiFi doesn't work as expected, it's a mystery to solve, and when you're dealing with BYOD, legacy networks, rogue APs, and saturated 2.4 GHz band — on a limited budget — WiFi can cause plenty of headaches, frustration and unwanted security pitfalls. ACS recently procured state of the art technology to proactively and effectively identify and eliminate unwanted, rogue WiFi Access Points, that might be hiding within your corporate network. Our solution gathers information about ALL RF signals in the 2.4 and 5 GHz bands, not just WiFi traffic. The application then takes all the raw RF signal information and combines it with the standard information from your WiFi radio to create a complete picture of your wireless environment, giving you the information, you need to proactively and securely manage your WiFi networks. By graphing the signal strength of all your APs, other nearby APs, and raw RF signals, ACS can help you to find dead spots and saturated channels in the WiFi coverage. The visualizations also help spot rogue AP's that may be impacting your WiFi performance and network security. Once you're able to see interference, the next logical step is to remove it. Unfortunately, the standard antennas found in most wireless devices are omni-directional, so they receive signals from all directions, making it difficult to locate the interference. The Device Finder 2.4 GHz Directional Antenna is specifically designed to connect and quickly pinpoint interference sources so that you can remove them from your WiFi environment.



Contact the following ACS / Dynamdre executives to arrange a full briefing on these options to ensure your organisation's compliance and best practice in this critical area of Information Security:

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