

WiVision



WiVision Wi-Fi®/Cellular Phone Locationing for the Financial Industry

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The use of Wi-Fi devices and cellular phones in areas where they are banned represents a significant compliance and security threat for Investment Banks, on trading floors and in other sensitive areas of the Financial Industry.

Telegraph.co.uk

Paris: Nicola Clark

In an environment of increasing scrutiny due to recent massive corporate losses that involved the use of cell phones to circumvent monitored phone lines, the WiVision platform represents an essential part of a comprehensive Wireless Threat Management strategy for every financial organization.

It is now known that the recent massive losses sustained by Société Générale of approximately \$7,000,000,000 were in part, facilitated through the illicit use of a cellular phone, which enabled the fraudulent trader to circumvent the monitored phone lines that could otherwise have prevented fraud and



"All calls made from Mr. Kerviel's desk phones at the bank's Paris HQ were recorded as part of standard practice. This means any allegedly illegal activity is likely to have occurred on the trader's personal mobile phone."

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The WiVision WLS Wireless Threat Management platform is capable of detecting and accurately locating all cell phones and Wi-Fi devices inside buildings to an accuracy of 2-5 meters. Because AirPatrol's technology is able to function without decoding any of the data transmitted by the cellular phone, it does not infringe the wiretap regulations prevalent in many jurisdictions. AirPatrol's WiVision cellular phone detection technology is the only technology capable of detecting a cell phone when it beacons a cellular tower (which all cell phones do every 15 – 30 minutes), which enables cell phones to be detected before a call is made. The WiVision system is also the only technology capable of detecting all SMS messages sent by a cell phone.



AirPatrol is the industry leader in the detection and location of Wi-Fi devices. The WiVision WLS platform accurately shows both the location of all detected devices and the Wi-Fi devices to which they are connected, with all devices identified by their MAC address. If the detected laptop or wireless VOIP phone is registered with the organization, the name of the registered user is also shown.

AirPatrol's WiVision technology utilizes a revolutionary combination Wi-Fi / Cellular phone sensor that is installed throughout the facility to be monitored and is connected to the WiVision WLS Platform using a conventional wired or wireless Ethernet network.



The WiVision Wireless / Cell sensor detects all Wi-Fi devices and all cellular devices on all bands worldwide. The sensor includes two Ethernet interfaces with Power-over-Ethernet which enables it to share existing network infrastructure and eliminates the requirement to install additional cabling and provision additional switch ports, dramatically reducing the complexity and cost of deployment.



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