

SENTINEL WiFi

Concealed Weapons Detection System



FIRST RESPONDER
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Sentinel WiFi is a revolutionary threat detection solution utilising WiFi. Patent pending, it is the only WiFi based concealed weapons detection system in the world. It has been deemed a game changer in the Security Industry and is a quick and easy, rapidly deployable system. Sentinel WiFi provides a warning of a potential concealed weapon on premises in the seconds available before an incident happens.



WiFi based concealed weapons detection for use by security personnel on any device, including laptops, tablets or mobile devices. It utilises WiFi to detect concealed materials through the use of AI and indicates the existence of a threat.



AI-enabled detection. Sentinel WiFi is coded to detect the material, shape and size of the object that it has programmed to flag. It is trained to detect multiple types of threats.



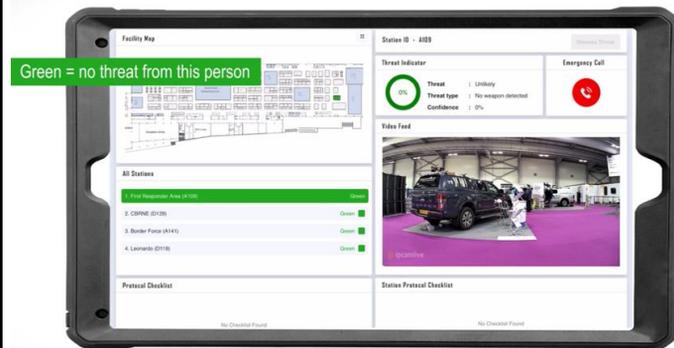
When a risk is detected, a notification alert, video feed of suspect, location and details of the risk are instantly displayed on the user interface.



In most public places, wireless signals can penetrate bags to get the dimensions of dangerous metal objects and identify them, including weapons and the certain types of aluminium cans, laptops, and batteries for bombs*.



Cloud-based details of threat can be sent to devices for security personnel located anywhere to be instantly updated on scenario.



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SENTINEL WIFI

Concealed Weapons Detection System



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Sentinel WiFi provides a instant notification of an imminent armed threat situation.

It can be utilised for:

Stand-alone security for public areas such as sports venues, entertainment complexes and places of worship.

Integrated, layered security for better equipped institutions such as airports, government buildings and corporate settings.

IOT network sensors for broad area searching.

Assists in determining need for additional security measures such as progressive surveillance or searches.

The detection solution can be housed in tailor made casings for more discreet detection.

Alarm integration to accelerate response time and situational awareness.



Privacy by Design

WiFi detection does not require the collection of personally identifiable information to detect a threat. The system acts as a "probable cause tripwire" to enable more invasive screening while preserving the privacy rights of persons not carrying suspicious materials.

Low-cost

Uses commercial off-the-shelf WiFi components powered by proprietary technology and AI machine learning.

Easily Deployed

Utilises unlicensed spectrum with pre-approved components. The system is simple to move, install, and operate through our cloud-based interface.

Practical

Forms an invisible gate where detection covertly occurs. It can be placed at the perimeter, at the entryway, or internally.

Time Efficient

Screens people in real time, reducing the need for strict search policies, random searches, or checkpoints

For More Information:

Visit our website at www.firstrespondertech.co.uk

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*subject to machine learning and continued development