

WLAN Intruder Detection & Location System (NYP ID: 0031)

Technology

Wireless local area network technology

Type of IP and status

Patent. Countries – Singapore and USA.
Singapore Patent No. 2003063229.

Overview

This invention is a system capable of displaying the physical locations of intruders on a digital floor plan. It comprises of a graphical user-interface with imported digital floor plan, an intelligent location determination algorithm and a database for audit trail.

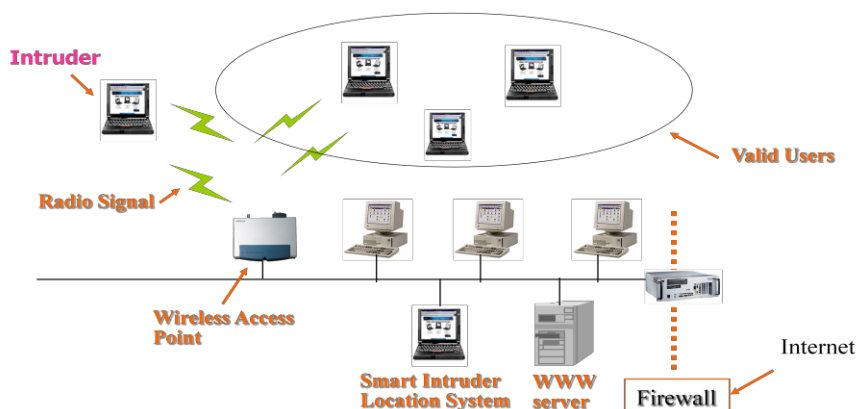
Current commercially available wireless location systems are restricted to using signal strength as the only parameter for location calculation and often require deployment of at least three access points/base stations. In contrast this system can detect and locate an intruder with just one access point.

Potential Applications

Any organization with WLAN deployment and is concerned with the presence of wireless intruders

Advantages

- A low-cost system without the need for specialized hardware
- Works on one access point/base station (e.g. in hotspot environment) and comprises of a light weight algorithm for laptops



Technology & Licensing Enquiries

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