

WLAN Virtual Site Survey System (NYP ID: 0036)

Technology

Wireless Local Area Network technology

Type of IP and status

Patent. Countries – Singapore and USA.

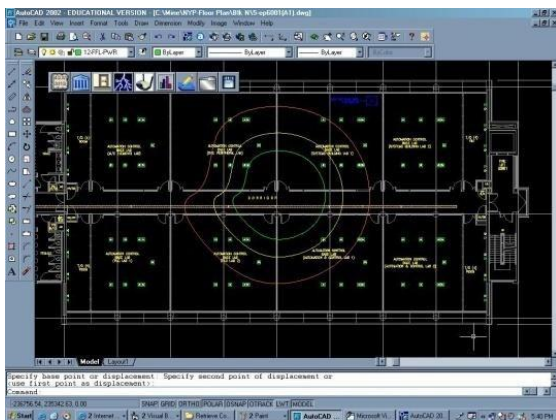
Singapore Patent No. 2004011771.

Overview

The WLAN site survey system uses a novel performance contour mapping methodology, based on results from simulation as well as actual measurements on a reference WLAN site, to assess and correlate the performance of applications, network and systems for other WLAN sites.

This system supports design and planning of a WLAN during the pre-deployment stage. It incorporates the building floor plan, placement of access points and displays performance information related to applications, network and systems.

Current products in the market do not address performance expectation at all levels, from system to network to applications level. They are mainly focused on signal strength at the system level and do not allow the system to optimize the correlation accuracy through learning from previous survey results collected.



Potential Applications

- Network and system integrators
- Wireless network solution providers

Advantages

- Speeds up WLAN deployment by shortening the time and physical effort of a site survey
- Reduces cost as it does not require expensive measurement tools
- Is objective as it does not rely on personal experiences and judgement

Technology & Licensing Enquiries

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