

Smart WLAN Access Point (NYP ID: 0113)

Technology

Wireless Local Area Network technology

Type of IP and status

Know-how.

Overview

This system enhances the security of the Access Point (AP) through a unique method where common security parameters required by the wireless network and applications are grouped together and re-sequenced via a unique key management scheme. Through the dynamic change of AP configuration and application setting at selected interval, it protects the wireless LAN and applications against intrusion or hacking.



Current commercial WLAN products do not utilize such dynamic configuration change method in enhancing the product security. The available products are also unable to allow users to define how security method should be used.

Potential Applications

Non-IT savvy home owners who want to install and enhance the security of their wireless network

Advantages

- Strengthens the security of the wireless network as it dynamically refreshes the network settings. Unlike many other common wireless security methods which use password and encryption that are vulnerable to cracking by tools available on the Internet.

Technology & Licensing Enquiries

Ms Diana Sutanto

Tel: +65 6550 0344

Email: diana_sutanto@nyp.edu.sg

Mr Joel Tan

Tel: +65 6550 0146

Email: joel_tan@nyp.edu.sg

Mr Johnathan Lim

Tel: +65 6550 1972

Email: johnathan_lim@nyp.edu.sg