# NORTEL NETWORKS™

# WLAN Access Port 2230 & 2231

## Features & Benefits

Nortel Networks WLAN Access Ports 2230 and 2231 work together with Nortel Networks WLAN Security Switch 2270 to provide:

**FLEXIBILITY**

**Dynamic Load Balancing**

- across multiple WLAN Access Ports to enhance the end-user satisfaction and optimize the WLAN network performance even under stress. This is done automatically to minimize the network maintenance and increase the network responsiveness.

**Quality of Service for WLAN**

- ensures a minimum delay. When using multimedia applications, maintaining this delay near a constant value (i.e. minimum jitter), and prioritizing traffic for better performance is essential. It has been fully tested and optimized to support Nortel Networks WLAN Handsets 2210 and 2111.

**SECURITY**

**Unauthorized access point "containment"**

- prevents users from associating with unauthorized access points even if they are not physically connected to the LAN. This feature can also be deployed as a protective shield against wireless intruders in environments where WLAN access is not desirable.

**Unauthorized access point location**

- so that appropriate measures can be taken quickly.

**MANAGEMENT**

**Auto-discovery and auto-configuration**

- once plugged to the LAN, Nortel Networks WLAN Access Ports are capable of finding the WLAN Security Switch 2270 they should associate to. Thus they automatically download their configuration (channel, RF power…) and discover the other Access Ports present in the WLAN network.

**Real time dynamic coverage**

- thanks to the continuous RF information monitored by the WLAN Access Ports 2230 and 2231, the WLAN Security Switch 2270 makes real time decisions to optimize the RF coverage. It prevents interferences by assigning the right channels to the WLAN Access Ports. It also detects and corrects any coverage hole appearing in the network, adjusting the RF power of each Access Port. As a result, the WLAN network always has optimum resource allocation and high quality for the end-user as it adapts in real time to the new environmental constraints. Automatic firmware synchronization

- when new firmware is downloaded on the WLAN - Security Switch 2270, the WLAN Access Ports automatically detect it and proceed to the firmware upgrade thus saving maintenance time and cost but also ensuring that the latest improvements are available in the WLAN network.

**Site Survey Tool**

Nortel Networks WLAN Site Survey Tool is a comprehensive tool for customers who want to fine tune before their WLAN network deployment.

**Location Services Software**

Nortel Networks WLAN Location Services Software provides highly accurate location information (to less than 10 meters). This is useful for E911 emergency call location, unauthorized access point detection and tracking devices in very mobile environments such as healthcare, warehouses or for inventory management.