

# Long Range Wireless LAN Platform

## Hotel hot-spot

(Villa yard)  
Myanmar

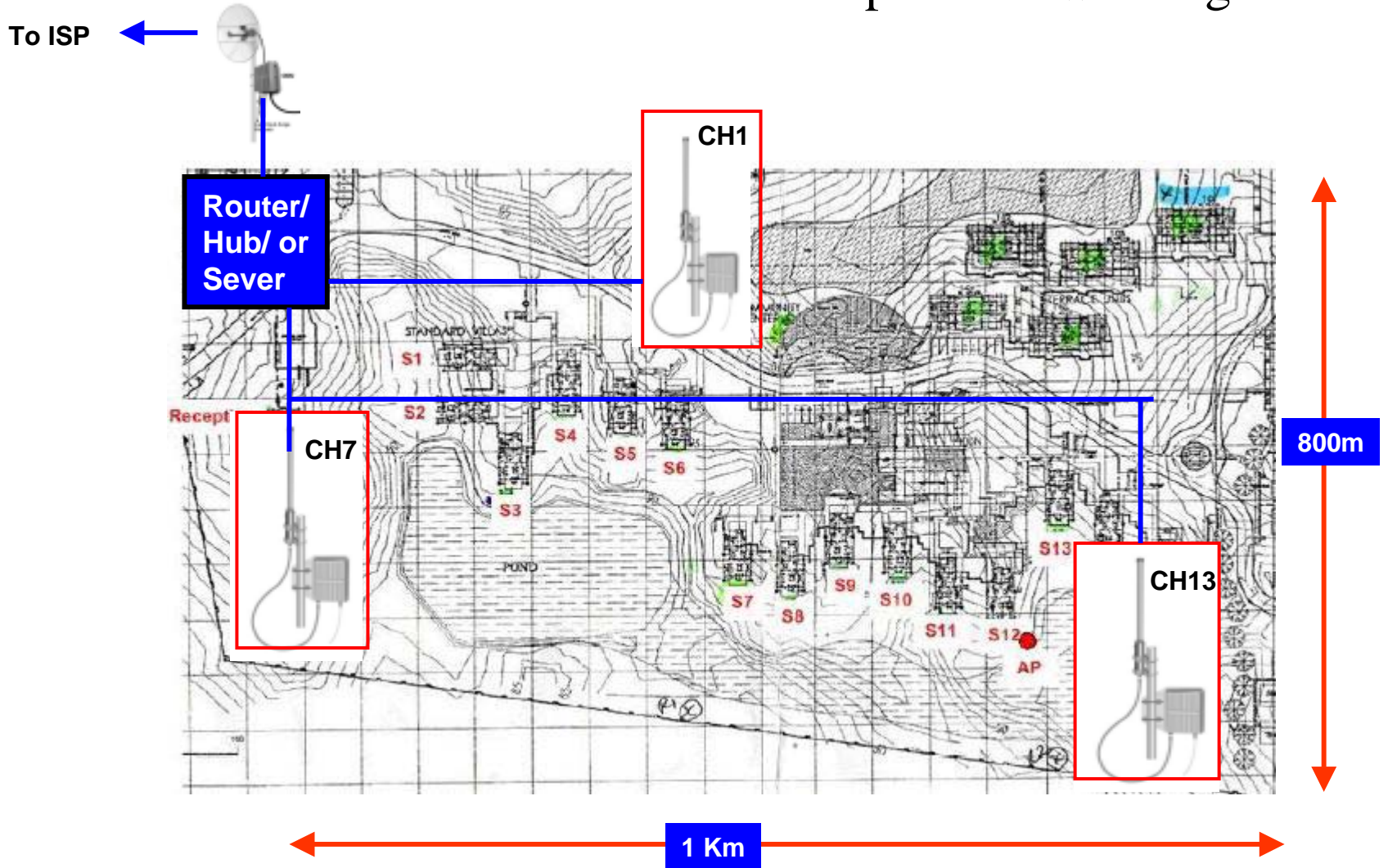
June, 2008

# Network Description

1. **Hotel Internet service: wireless wi-fi hot-spot blanketing whole villa garden,**
2. **Wireless Internet connectivity for hotel guests.**
3. **Blanketing whole hotel range (in door & outdoor):**
4. **One AP for each floor, lobby, café, villa, open yard & garden.....**



# Hotel map and networking scenario





Near 'Reception' AP, seeing  
to S1, S2, S3, S4, S5, S6



Pond Side

Building Structure - S7

## Component 1: Long range backhaul



**xLink-5801a,  
802.11a, 5~5.8GHz,  
200mW/23dBm  
Backhaul**



True outdoor unit, POE design,  
-35c~70c, weather-proof

## Component 2: Node AP



**WL-2410/GM, 1 watt**

**802.11g, (AP/Client/Repeater/Bridge)**

**With omni antenna or sectorial 120-degree antenna; or omni-directional array with 3 x 120-degree sectorial antennas**



## Component 3

# All Wi-Fi complied devices for guest in the hotel range



PCMCIA



Centrino

USB adapter, PCI, ..... Wi-Fi compliance

## Component 4

**AQ-500H Network Administrator for authentication, billing and management.**



2000 subscriber account  
DHCP server  
User Management  
Current Status Monitoring  
Route re-Direction and Extension  
Bandwidth management

500 users on-line simultaneously  
Authentication  
Traffic Report  
Firewall  
Load Balancing  
Billing.....

**X-LIN**

**Innovation  
Thank you !**

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