
Long Range Wi-Fi Base Stations - Workflow

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The Hybrid Wireless Infrastructure (HYWIN) is an essential element to endeavor into the digital age. This radio-based infrastructure, consisting of 2 most renowned wireless platforms of WiFi (IEEE 802.11b/g) and WiMAX (IEEE 802.16). The combined platforms create the most stable wireless broadband access to the public without extensive spending to acquire the service. HYWIN is considered as the Intense Data Highway which provide the convenience to the mass. WiMAX will be employed to provide the backbone linking the WiFi serving users to the internet. This approach is proposed because while WiMax can deliver superior bandwidth and speed, it lacks the Customer Premises Equipment (CPE's) and devices such as notebooks, PDAs, etc. that WiFi already has.