

APPLICATION NOTE

PUBLIC HOT SPOTS



An Access Point for Varied Hot Spot Environments

The challenge:

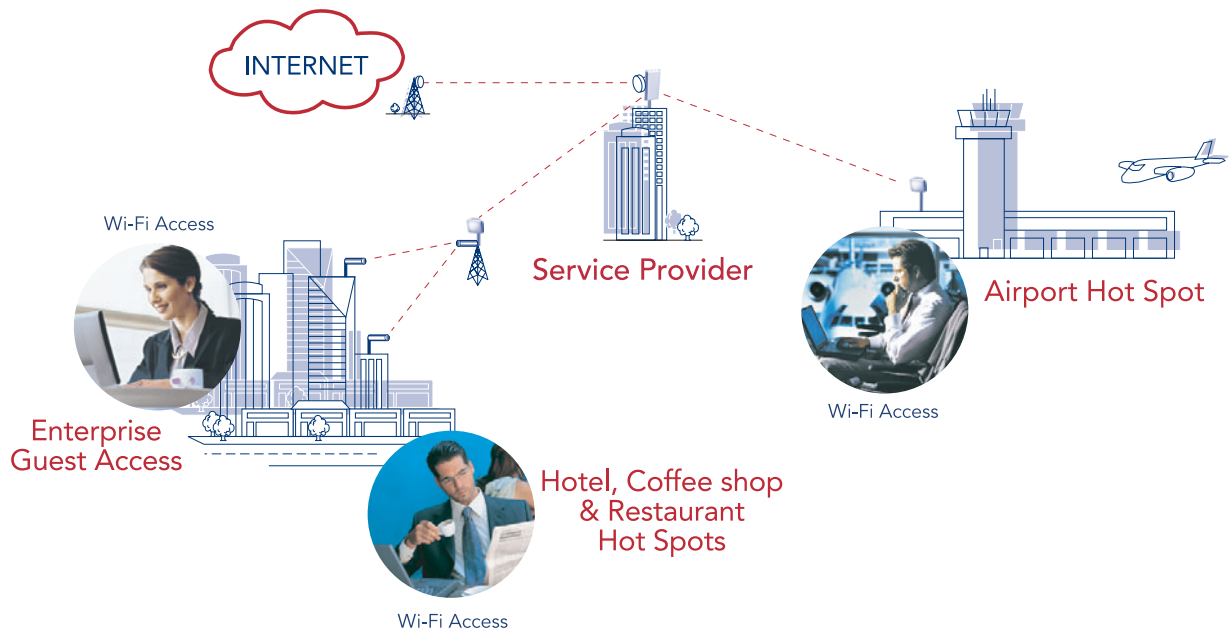
Before beginning a hot spot installation, contractors must carefully plan coverage throughout the wireless public access zone. This process involves plotting the location of access points to ensure: no “holes” in wireless coverage, minimal RF spillover outside the hot spot, and minimal cell overlap. These must be accomplished while keeping within a strict budget. Interference from other wireless transmissions, microwave ovens, and high-voltage machinery add a challenging dimension to deployment. Technicians often find that supplementing an access point with an external antenna or repeater link best accommodates the particular building and environmental coverage needs. But not all access points are flexible enough to allow this customization.

The solution:

Wi-Fi access points from Proxim are specifically designed with commercial use in mind. Proxim has decades of experience with service provider wireless offerings, and has built high-quality devices that can be fit with site-specific antennas and tuned for the proper cell size. Without this flexibility, installations will use more access points than needed – raising installation costs and incurring reduced performance due to access point overcrowding.

The products:

- ORiNOCO AP-4000
- ORiNOCO AP-2500
- ORiNOCO AP-2000
- ORiNOCO AP-600
- ORiNOCO client cards



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