

Wireless Services

The usage for Wireless LAN technology has evolved from an overlay network design to support meeting rooms and guest access, to an integrated service platform supporting mission critical applications including voice and location services.

Benefits

There are several benefits associated with using Wireless LAN products and services:

- The ability to provide ubiquitous coverage for mobile users in any environment
- Provide connectivity for areas that are difficult or expensive to provide traditional wired Ethernet connectivity
- Allow for secure guest/vendor access
- Track equipment and personal enhancing work flow processing and inventory management
- Provide the foundation for seamless mobility, anytime anyplace availability, and location/context aware applications.
- Provide outdoor wireless access for public and/or local municipality's access
- Support for Quality of Service (QoS) features, permitting customers to prioritize their types of data communication (for example, giving VoIP traffic priority over internet access)



Examples of Wireless Solutions

Cisco Wireless Indoor Solution

A large enterprise customer with over 3800 mobile employees are supported by 5 Cisco Wireless LAN Controllers and 620 Cisco 802.11b/g/a access points. This customer is able to provide ubiquitous coverage across all four buildings in the campus as well as provide secure guest wireless access for 2500 guests per year. The entire system is managed from a single management platform, Cisco's Wireless LAN Control Server.

Cisco Wireless Indoor Solution with location tracking

A health-care provider with over 80 Cisco 7921 wireless IP phones and 400 mobile client devices is supported by 2 Cisco Wireless LAN Controllers and 290 Cisco access points. Mobile client devices and IP phones are tracked using Cisco 2700 series location appliance. The entire system is managed from a single management platform, Cisco's Wireless LAN Control Server.

Cisco Outdoor Wireless Solution

A local school district uses Cisco 1400 series bridges to provide security camera coverage at a remote athletic field and parking lot. The system provides 54Mbs worth of back-haul bandwidth.

