Contents

Apply Wireless Technologies to Horizontal Applications

Along with the many vertical markets and applications, you can apply wireless technologies to horizontal applications, meaning that delivery services, public safety, finance, retail, and monitoring can all use and benefit from them.

Learn the Properties of Waveforms

a = Amplitude

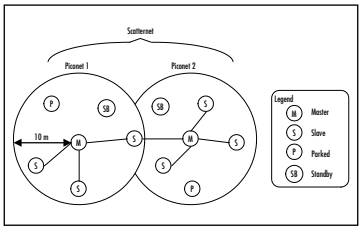
v = Velocity of Propagation

τ = Period

λ = Wavelength

f = Frequency

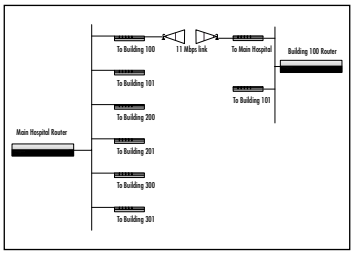
Understand Bluetooth Piconet and Scatternet Configuration



Create a Detailed Physical Design

- Equipment model
- Cabling details
- Rack details
- Environment requirements
- Physical location of devices
- Detailed RF design

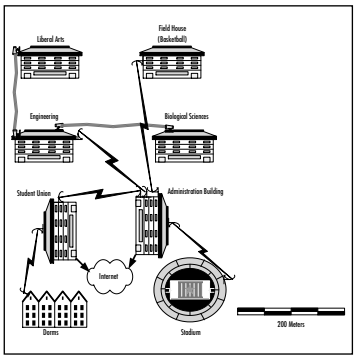
Use Two Wireless Outdoor Routers to Create Redundancy



Create an Installation Checklist and Verify the Steps on the List

- Set up the IP information
- Install the access points
- Install the AP Manager software
- Test the wireless network
- Review the client's objectives

Establish High-Level Inter-Building Connectivity



Learn to Build a Wireless Home Network

- Assembling the network components
- Determining Broadband configuration
- Installing the hardware
- Installing and configuring the software
- Testing the network