TCP/IP over WiFi Part 15
Basic Station Configuration

• Antenna/Radio
  • Requires clear line of sight to county net hub location
  • Specified, configured by SCCo ARES/RACES net team
  • Network demarc: Ethernet port of radio

• Cable
  • Outdoor-grade Ethernet; shielded; surge protection; properly grounded

• Firewall
  • Filter all but specifically-allowed traffic types

• LAN Switch
  • Share connection with multiple PCs, printers, ...

• PC(s)
  • Windows preferred for clients
TCP/IP over WiFi Part 15
Ideal Station Configuration

- **Antenna**
  - Tri-band for voice, packet, e-mail
  - WiFi for broadband connectivity
- **Cables, firewall, LAN Switch, PC(s)**
  - Same as previously described
- **Usage**
  - Primarily use WiFi
  - 56+ Kbps TCP/IP and packet available as backup or for direct communication with field stations