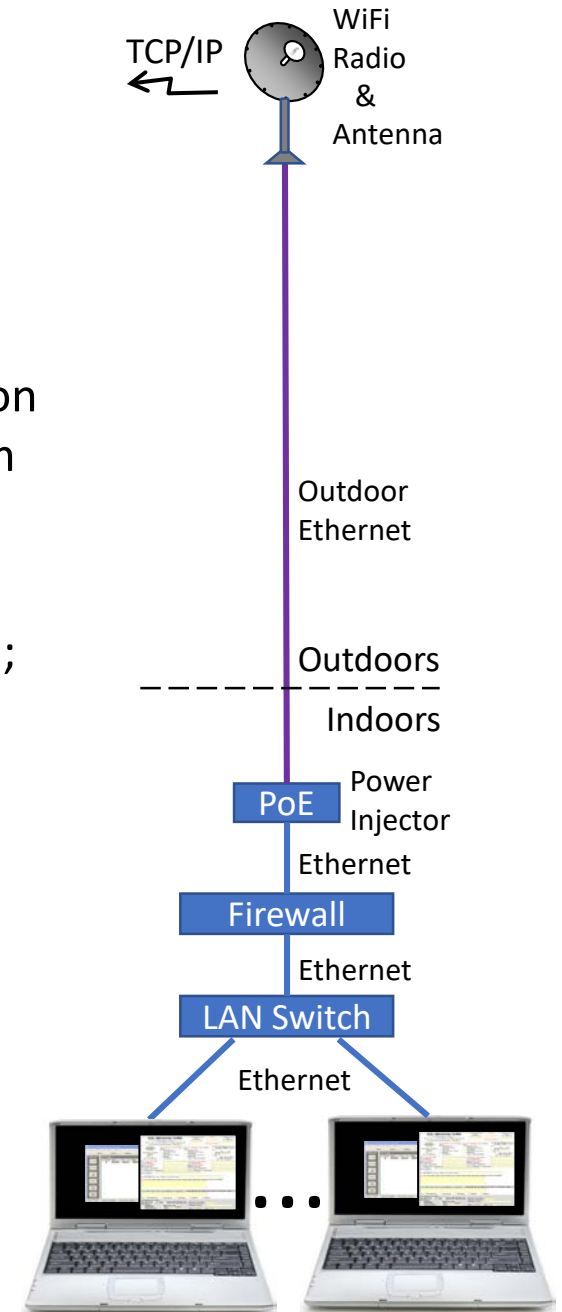


TCP/IP over WiFi Part 15

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

