

GIS Internet Issues During 2014 Fire Season

Internet Issues

- Not always available upon arrival (AAR-23%)
- Poor bandwidth causing slow up/downloads
- ICP's in remote areas usually have poor internet
- Too many users on single internet connection
- Internet for personal use uses too much bandwidth
- Firefighters downloading maps using QR codes slows internet speed
- Internet dropping off during NIFC FTP uploads

Possible Internet Solutions

- Have dedicated internet connection for GIS
- Setup strong password policy for incident internet
- Use mobile hotspots when available
- Manage bandwidth so speed for each line connected to switch can be easily adjusted based on need
- Set up dedicated MiFi or bluetooth for firefighters to download maps
- Manage internet so it kicks nonessential bandwidth hogs off internet
- Have separate internet for personal use
- Develop typing standards for internet bandwidth based on incident complexity similar to incident typing