Library As A Community
Wi-Fi Hub

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Purpose

- Create a 1 mile wi-fi broadcast from the Whittier Public Library to the surrounding community.
- Sustainable and robust solution to provide future citywide service.
- Create a blueprint for other communities to replicate.
Whittier Demographics

County - LA County
Population - 85,000
Diversity - 66% Hispanic
Foreign Born - 20%
Project Challenges

- Support 250 +/- simultaneous sessions supporting B/G/N bands
Project Challenges

- Web Filtering
- Bandwidth And Session Metering
- Secure Authentication Using Library Card
Project Challenges

- Politics
- Territory
- High Density Housing
- Mother Nature
Partnerships
Antenna Placement
Highlights

- Costs: $20,000 LSTA Funding
- Usage-200 + users daily
- High Density Housing Rollout
- Gradual 1 mile rollout
More Information

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