Seattle Community Network at NANOG 88

13-JUN-2023

Who is Seattle Community Network?

- Volunteers
- Community organizations
- Non-profit organizations
- Local government departments
- Tech researchers

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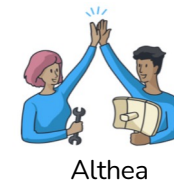
Seattle Community Network

Building free/low-cost access networks in Seattle area for those who:

- **can't afford** to pay for service or devices
- **don't know how** to connect to access networks

Free for *Seniors, Unemployed, Housing-unstable, majority non-English-speaking, low-income families of students.* **For others, suggested-donation cost**

Our LTE Network (Seattle Community Network)
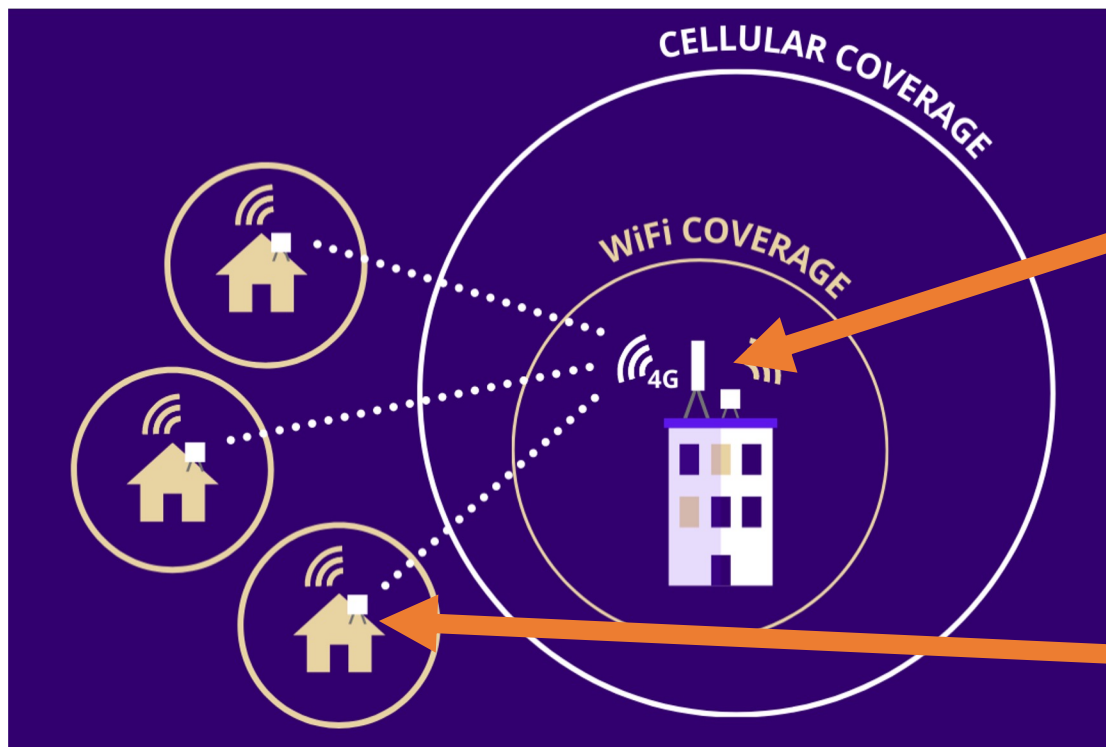
- Cell sites on tall buildings distribute LTE to phones/CPE (fixed wireless)
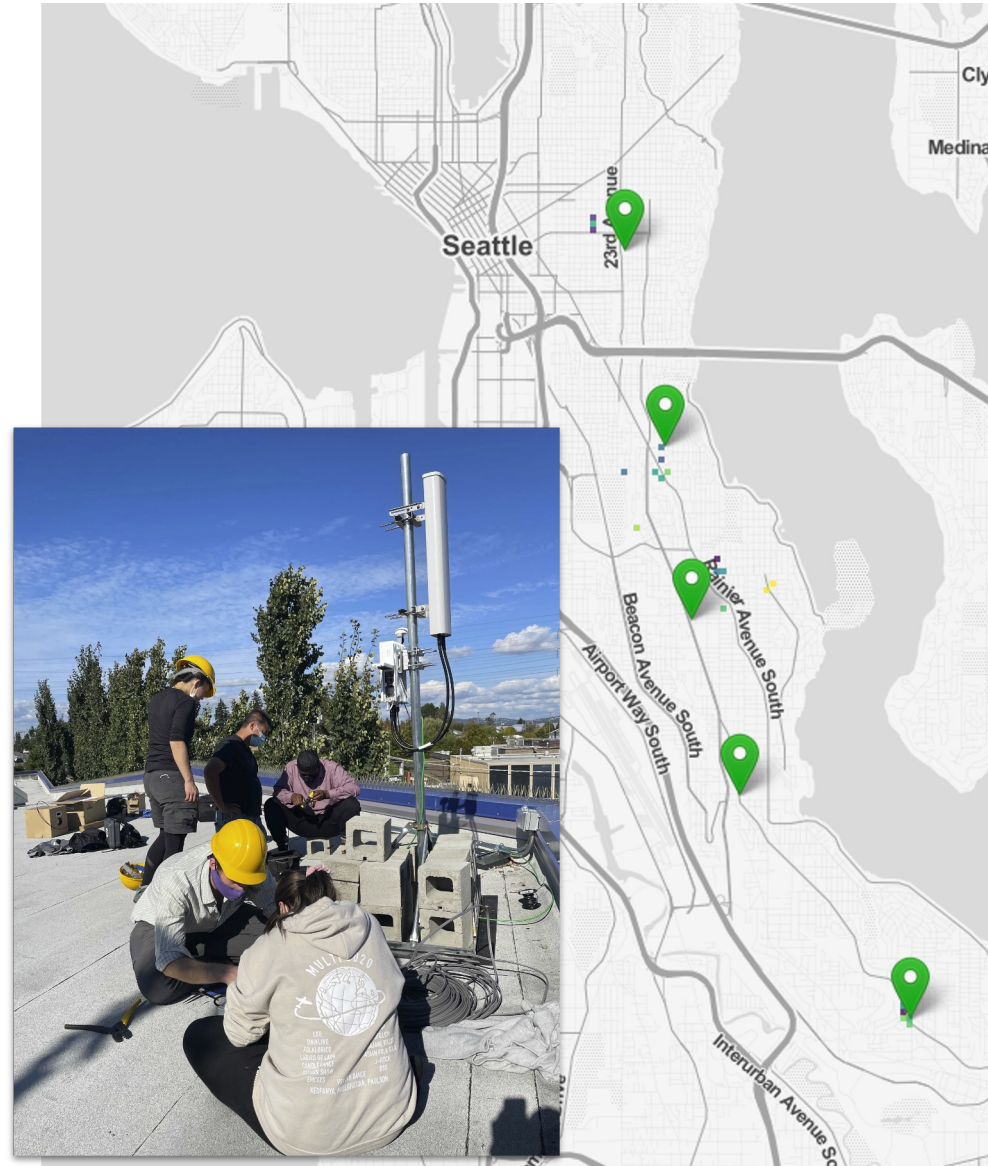- CBRS band (LTE Band 48)

4G LTE CPE provide Internet connection to home WiFi routers

Current Cell Sites

- Filipino Community Center
- Garfield HS in Central District
- Franklin HS in Mt. Baker area
- Oromo Cultural Center
- Skyway Library
- SURGETacoma (Tacoma)
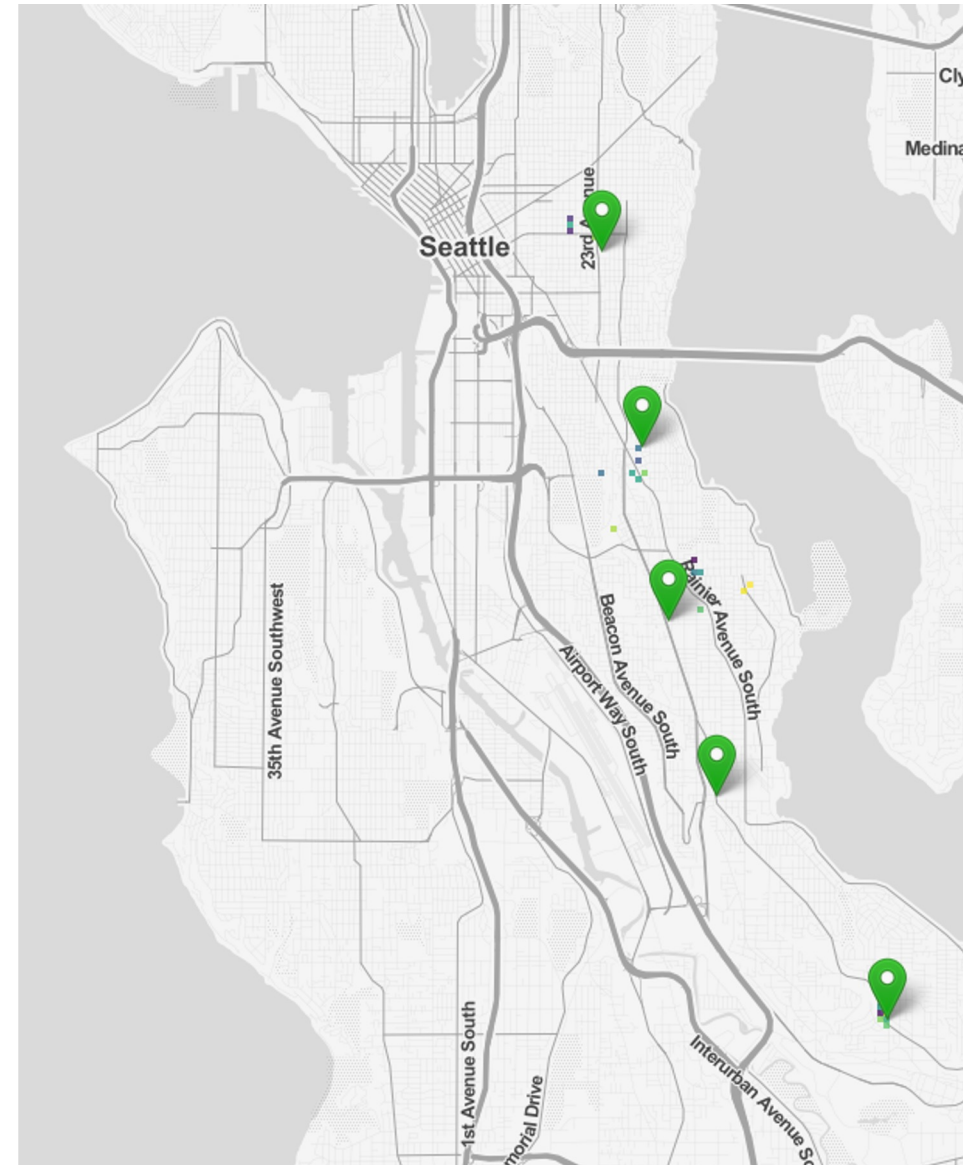- Tacoma Public Library Main Branch

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Map on our website

Current User Sites

- Nickelsville Northlake
- Nickelsville Central District
- Katharine's Place
- Filipino Senior Village
- LIHI Southend Tiny Home Village
- Further outreach…

Map on our website

Social Impact

- Internet Service **and...**
- **Service learning** for students and tech workers
  - Community educational workshops: "Hack Nights" and ("DiscoTechs")
  - Community IT/Tech Support
- **"Digital Stewards"** Youth and Adult vocational training program

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Social Impact

Public Workshops ("Discovering Technology Fairs")

Seattle Community Network
Presents…
How Does the Internet Really Work?
and how to build your own internet for your local neighborhood

Sunday, July 10
1-3pm
repeated on
Tuesday, July 12
4-6pm
Skyway Library

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Public installs and help desk

SCN as a "Teaching Network"
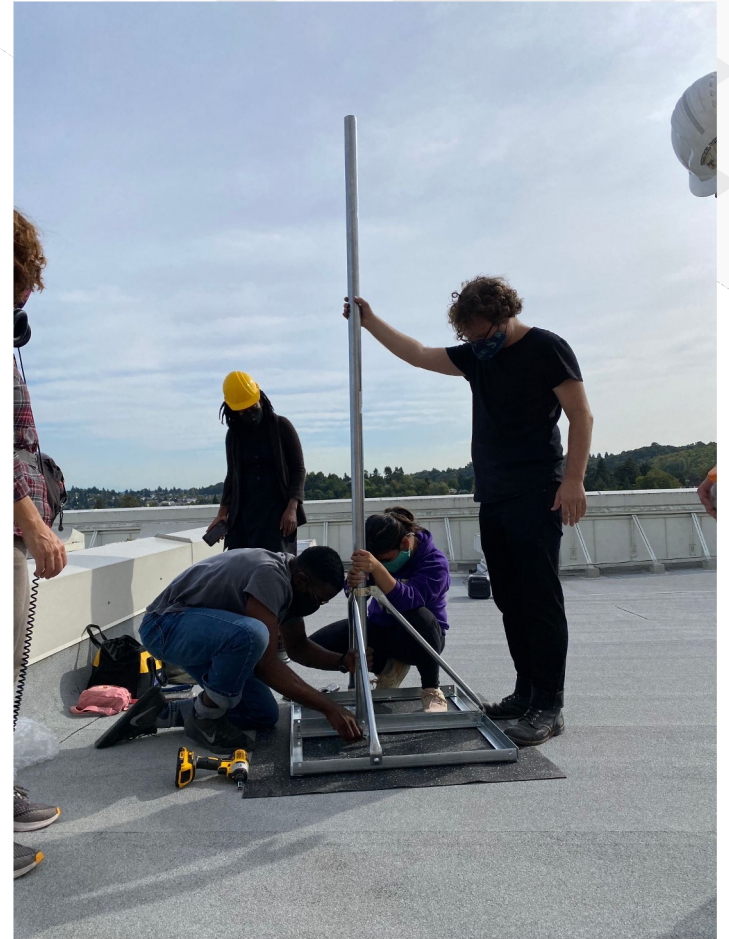
Digital Stewards- Wi '21

Youth Digital Stewards- Fall '21 - Wi '22

❤️ How to Get Involved ❤️

- Peering and transit at the Westin
- Fiber / wireless backhaul in Seattle
- Donations- we're a 501(c)(3) !
  - Equipment
  - Monetary
- Volunteers for:
  - Teaching community classes
  - Installing network sites
  - Providing expertise! <3

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Thank you!!!

13-JUN-2023

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