

**WHAT IS FWB AND WHY NEIGHBORHOODS?**

FWB will deliver high speed internet via radio waves (4G/LTE, CBRS, 5G) to ~4m mostly rural US customers

**SUBURBS ARE UNDERSERVED**

Nearly half of all Americans live in the suburbs (150M)

- 29M live in suburbs with no access to 25Mbps or higher broadband
- The suburbs are growing faster than any other area (16% since 2000)

**WHY NEIGHBORHOODS? WHY NOW?**

While FWB’s primary use to date has been to reach unserved rural areas, technological improvements are now making possible:

- A more economical way of reaching dense suburban environments
- A rapid-response deployment to competitive incursions
- Access to new spectrum, like CBRS, and other tiers of service to urban areas

**NEIGHBORHOOD APPROACH**

**SUBURBAN NEIGHBORHOODS** are underserved, have critical mass, and the desire for affordable 50-100Mbps broadband

**NEIGHBORHOOD**

FIXED WIRELESS BROADBAND (FWB)

**SERVED**

Fiber / DSL / Cable / Cell – 2 miles

**UNDERSERVED**

FWB – up to 2 miles

**UNSERVED**

FWB – up to 10 miles


This phenomena of underserved broadband is being observed in metro areas across the globe.

**BENEFITS**

- High number of homes passed with dense neighborhood deployments
- **Ruckus Access Points** rapidly deployed to small-cell poles
- Indoor, self-installed **ARRIS Home Gateway** reduces deployment and total customer acquisition costs

To learn more about a neighborhood approach to FWB, please contact us.

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