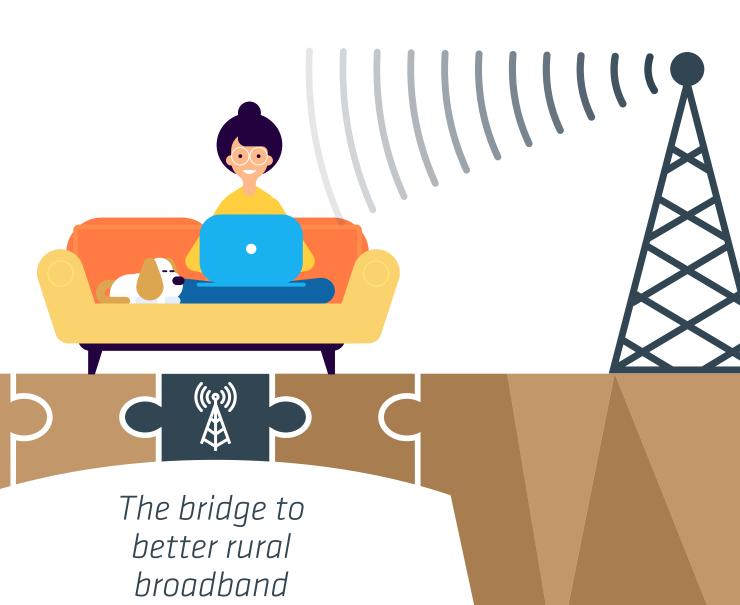
Fixed Wireless

A Bridge to Better Rural Broadband



Fixed wireless has a long and rich history both in the US and abroad as a bridge to rural markets. With favorable network economics, especially compared to more expensive wireline options, fixed wireless access (FWA) continues to draw interest and attention in the broadband world. So much so that it's no longer just for consumers in rural areas. Improvements in FWA technology are leading to a host of new applications, opening opportunities for broadband providers in unique and powerful ways.



THE FWA BRIDGE TODAY



CURRENT U.S.

COVERAGE







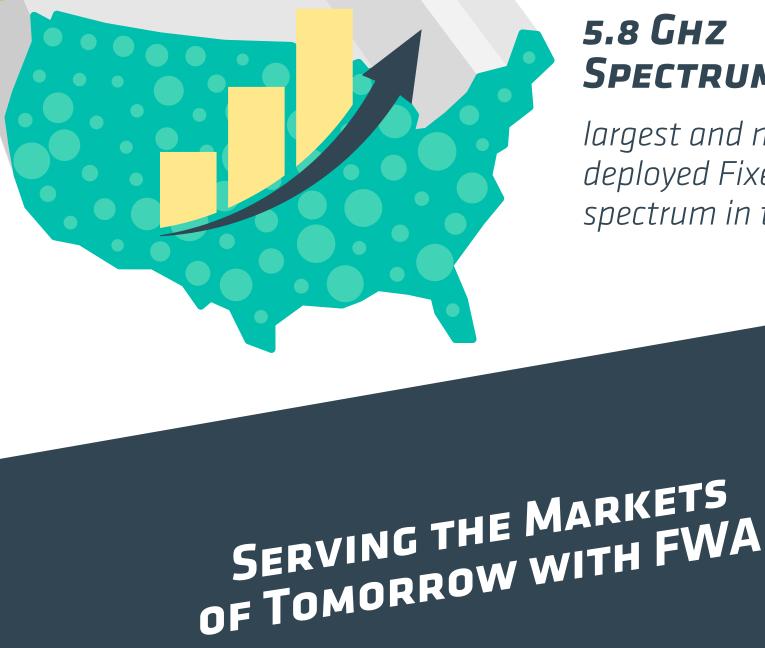


Subscriber

ANNUAL

WISP





spectrum in the US

5.8 GHZ

SPECTRUM

FWA technology is

dramatically improving. Emerging fixed

largest and most widely

deployed Fixed Wireless

wireless tech is enabling higher speeds through LTE, 5G, the citizens band radio service (CBRS) band, TV White Space, and more.



5G FWA Alternative to DSL, FTTH, and

>

SPECTRUM

X

TV WHITE SPACE

- bands of 24 GHz and higher Verizon intends to pass 30 million
- homes with 5G FWA, focusing on urban and suburban markets

DOCSIS-based broadband

 Millimeter wave spectrum, including The future looks bright for FWA, as both businesses and

policymakers increasingly see this technology as part of the answer to address the digital divide.

Turn to Finley Engineering for network assessment, planning, and engineering services that ensure you are ready for the future of fixed wireless. To learn more contact:

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Plans to Pass 30 Million Homes With 5G

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2017 BWA Industry Report, Preseem Fixed Wireless Network Report - 1Q19, wispa.org, Microsoft Airband, Windstream CEO Eyes Gigabit Fixed Wireless-Sees Copper Becoming "Irrelevant", Midco Completes Successful CBRS Spectrum Access System Trial Testing, Connecting the Unconnected: Closing the Fixed Wireless Access Gap, Verizon CFO Reiterates

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