

TRIBAL QUALITY OF LIFE OPPORTUNITIES WITH NEXT-GENERATION FIXED WIRELESS ACCESS



Reliable, high-speed broadband enables new applications and services. Not all communities have equal access to broadband, however, and this can impede the positive, life-changing benefits broadband creates.

Tarana Wireless is partnering with tribal communities to rapidly bring new quality of life improvements through next-generation fixed wireless access (also known as ngFWA).

Enhancing Tribal Life with Broadband

Online connectivity provides opportunities to enhance community quality of life. This includes services such as:

- › Telehealth – convenient online access to doctors, nurses, mental health counselors, and specialists that doesn't require long drives or waits
- › Online shopping, including medical prescription ordering
- › Video calls and social media that allow friends and relatives to stay more closely connected and in touch, regardless of where they live or mobility
- › Access to information to stay informed, learn new skills, and explore a wide range of topics
- › Telecommuting – work opportunities that allow for remote work and greater flexibility in work arrangements to open new roles and positions, increasing employment opportunities
- › Online presence for tribal businesses to conduct digital marketing and e-commerce

- › Distance learning — address education gaps and improve education outcomes with access to online classes, tutoring, and communal study groups
- › Easy access to entertainment, including streaming movies, gaming, and other options such as cultural experiences
- › Access to government services such as paying taxes, applying for permits, documentation look up, and interacting with government agencies without the need for physical visits
- › Emergency services and information in cases of critical events, e.g., timely alerts before storms, ability to contact first responders, etc.
- › Enhanced safety through video monitoring and sensors
- › Improved infrastructure such as waste/water monitoring and management

Engaged Communities are Stronger Communities

The power of broadband is the ability to create and strengthen connections — within the tribe, as well as outside. The result is healthier, more vibrant communities that are more deeply engaged with the world around them. This leads to a better quality of life and overall mental and physical well-being.



Next-Generation Wireless: A New Kind of Broadband

Tribal communities have many choices to make when it comes to connecting their communities. The faster a community gets online; the faster quality of life benefits accrue.

Tarana offers fiber-class wireless broadband at a fraction of the cost and time to deploy fiber, while meeting all reliability and speed requirements. We do this through innovation in next-generation wireless access, powered by a number of industry firsts and well-proven breakthroughs that allow tribal communities to build networks that would not have been possible with previous legacy wireless systems.

Our Gigabit 1 (G1) platform comprises base node (BN) radios that are mounted on towers or other assets similar to cellular networks, which then communicate with remote nodes (RNs) mounted on the sides or rooftops of the home, school, community center, or business. All hardware is managed via a cloud-based management system called Tarana Cloud Suite (TCS).

At Tarana, we believe:

- › High-speed, reliable broadband is a necessity and a right for all individuals; families that currently don't have broadband have waited long enough.
- › Greater access to online resources, services, and community improves lives.
- › Next-generation fixed wireless brings these benefits faster — in months, not years — and more affordably than any other technology.

Interested in learning more? Get in touch with us at taranawireless.com/how-to-buy

Tarana's mission is to accelerate the deployment of fast, affordable internet access around the world. Through a decade of R&D and more than \$400M of investment, the Tarana team has created a unique next-generation fixed wireless access (ngFWA) technology instantiated in its first commercial platform, Gigabit 1 (G1). It delivers a game-changing advance in broadband economics in both mainstream and underserved markets, using either licensed or unlicensed spectrum. G1 started production in mid-2021 and has been embraced by more than 200 operators in 21 countries and 45 states. Tarana is headquartered in Milpitas, California, with additional research and development in Pune, India.