



Yukon-Kuskokwim Delta Tribal Broadband Consortium

Indigenous People Leading
the Way for Broadband in
Remote SW Alaska



YKD Broadband Future Determined by Tribes + Municipalities + ANCs

- The YKD population is ~90% indigenous people represented by Tribes, Municipalities, and ANCs. **Indigenous people should determine the broadband future for their YKD.**
- The YKD is the second largest unserved area in America with the largest unserved population in Alaska.
- Alaska and the YKD needs their fair share of \$65B in new IJA broadband funding including \$45B in NTIA broadband programs
- YKD Tribes, Municipalities, and ANCs should collectively work together in partnership with the telecom industry and Fed/State Gov to maximize broadband funding for our unserved indigenous YKD communities



Bringing Broadband to Remote AK with Extreme Conditions

- The Problem – How to get affordable broadband to 56 unserved tribal communities in an area of remote SW Alaska larger than the State of Washington without connecting roads when the nearest fiber terminal is hundreds of miles away across frozen tundra, mountains, and wildlife refuges?
- Building broadband infrastructure in extreme environments in remote unserved areas hundreds of miles from fiber – spoiler alert...it can be done!



Who we are, where we live



Broadband Self Determination Starts with a Study

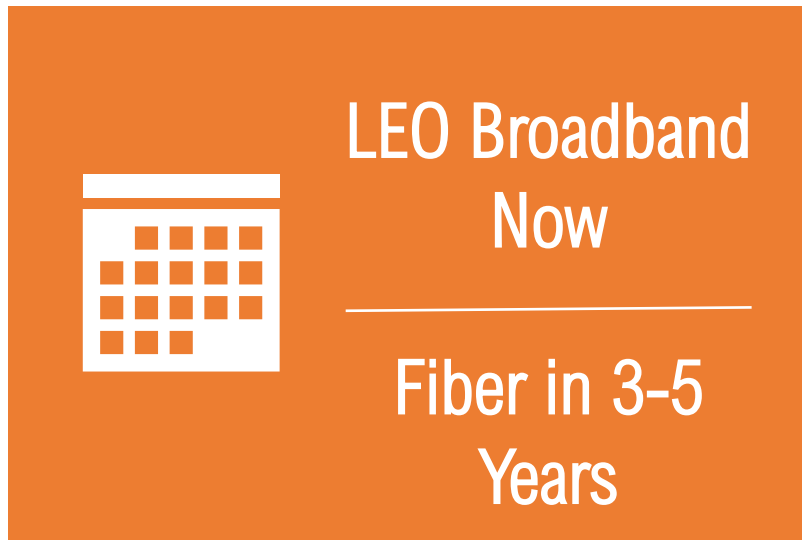


- Akiak Technology LLC, created by the Akiak Native Community in 2019, is the first SBA-certified tribal owned 8(a) company in western AK
- 2020 Akiak Technology wins a Bureau of Indian Affairs National Tribal Broadband Grant to conduct the Akiak Broadband Feasibility Study



DATA DRIVES
BROADBAND
DECISIONS

LEO and Fiber YKD Village-based Broadband Roadmap



- Akiak Broadband Feasibility Study (2021) recommendations:
 - LEO and Fiber Broadband Roadmap - implement LEO 2.5GHz fixed wireless solution (Phase I) followed by fiber optic when available in YKD (Phase II).
 - Create a YKD Tribal Organization Consortium to take maximum advantage of broadband grant funding for the unserved YKD including the NTIA Tribal Broadband Connectivity grants.
- November 2021, Akiak turned on the first public broadband in the YKD and became the first LEO community in the world. This historic first was led by, owned, operated, and maintained by YKD Tribes



IT CAN BE DONE!

