

BROADBAND FOR ALL OF ALASKA

March 2020

Pacific Dataport Inc. • Anchorage, Alaska



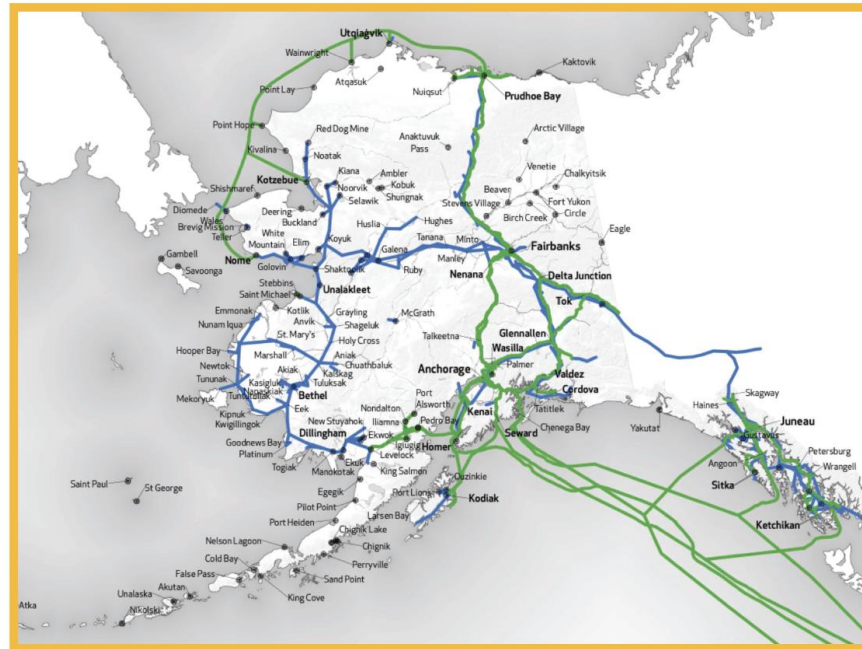
Challenges

- Broadband Support Mechanisms
 - Rules are biased to fiber
- Federal policy
 - To reach the goal will take 2-3 times the current subsidy to telcos, even if all spent on middle mile.
- LEO systems
 - Hype
- Incumbents
 - Not motivated to solve the problem
- Results
 - Stifling of investment

Building systems that we cannot afford to use

- Despite \$100's million (USD) of yearly subsidy and;
- \$100's million (USD) of investment;
- We are not solving the problem
- Alaska ranks lowest overall, with 61% wired and fixed wireless broadband coverage (Broadband Now March 3, 2020)

Results



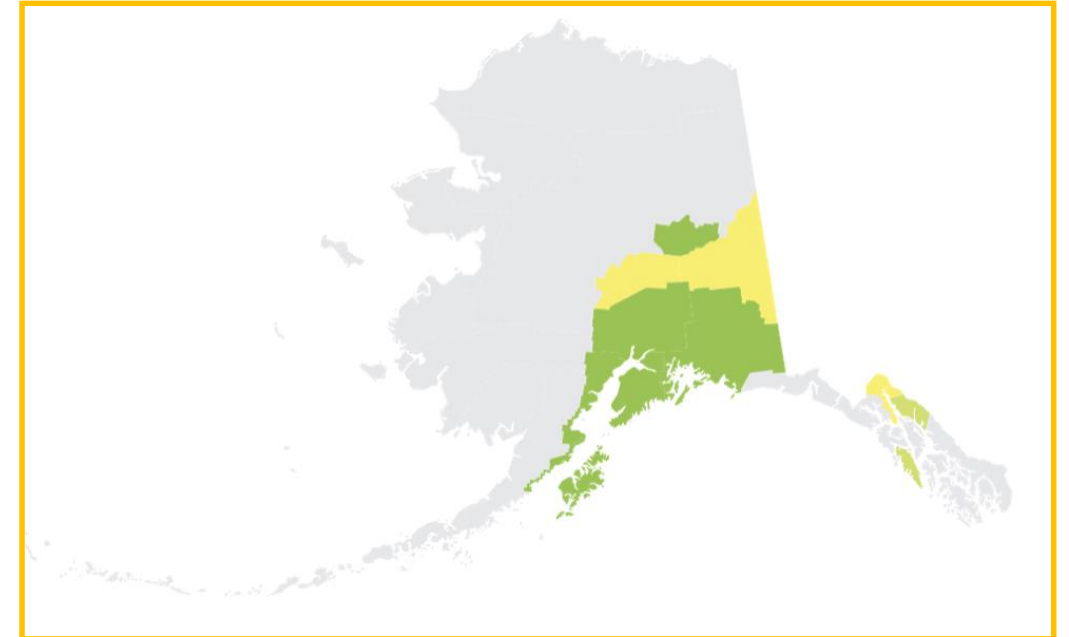
Map credit: Alaska Telecom Association

ALASKA MIDDLE-MILE INFRASTRUCTURE 2019

- Fiber
- Microwave
- Satellite

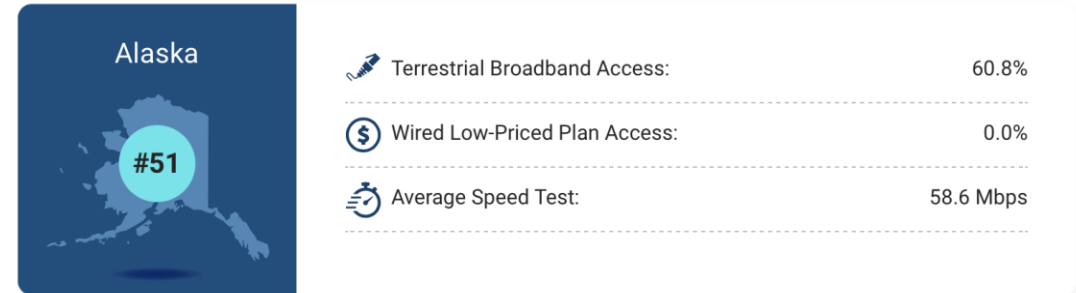
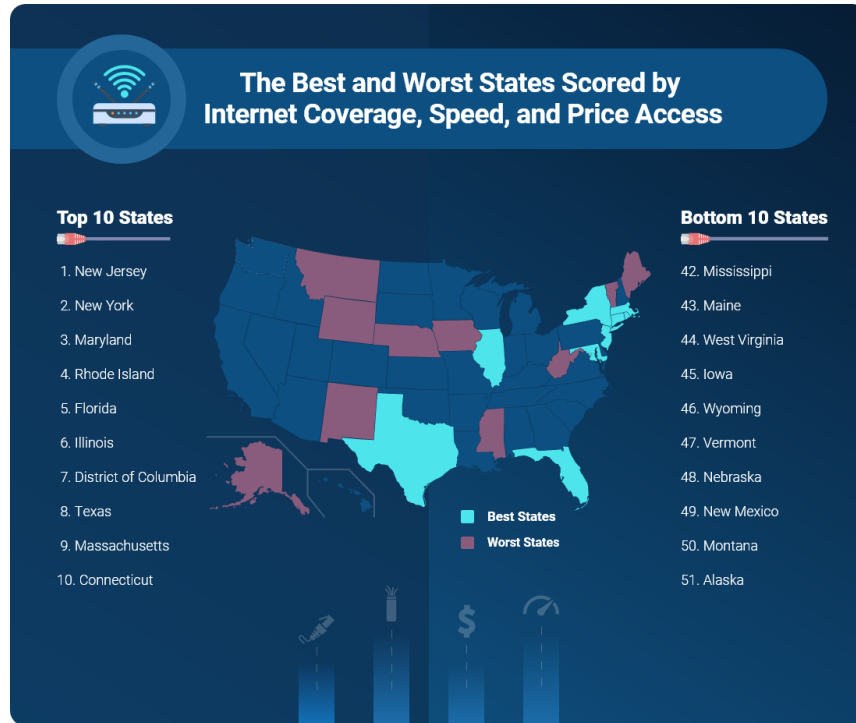


Areas with broadband



Map Credit: Alaska Business/Broadband Now

March 3, 2020 Broadband Now Report



“Alaska, known as, “The Last Frontier,” lives up to that billing as the worst (#51) U.S. state for broadband internet. Only 61 percent of Alaska residents have wired and fixed wireless broadband coverage. Meanwhile, there are zero low-priced broadband wired internet plans available to Alaska’s residents.”

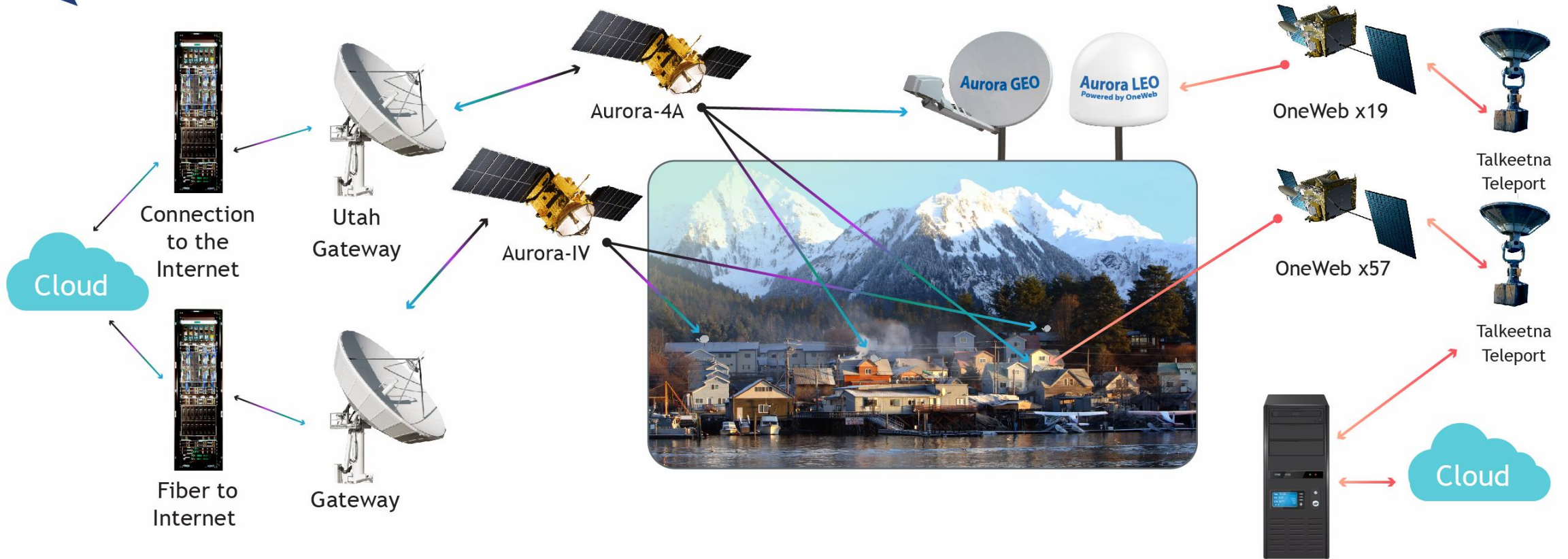


PACIFIC DATAPORT

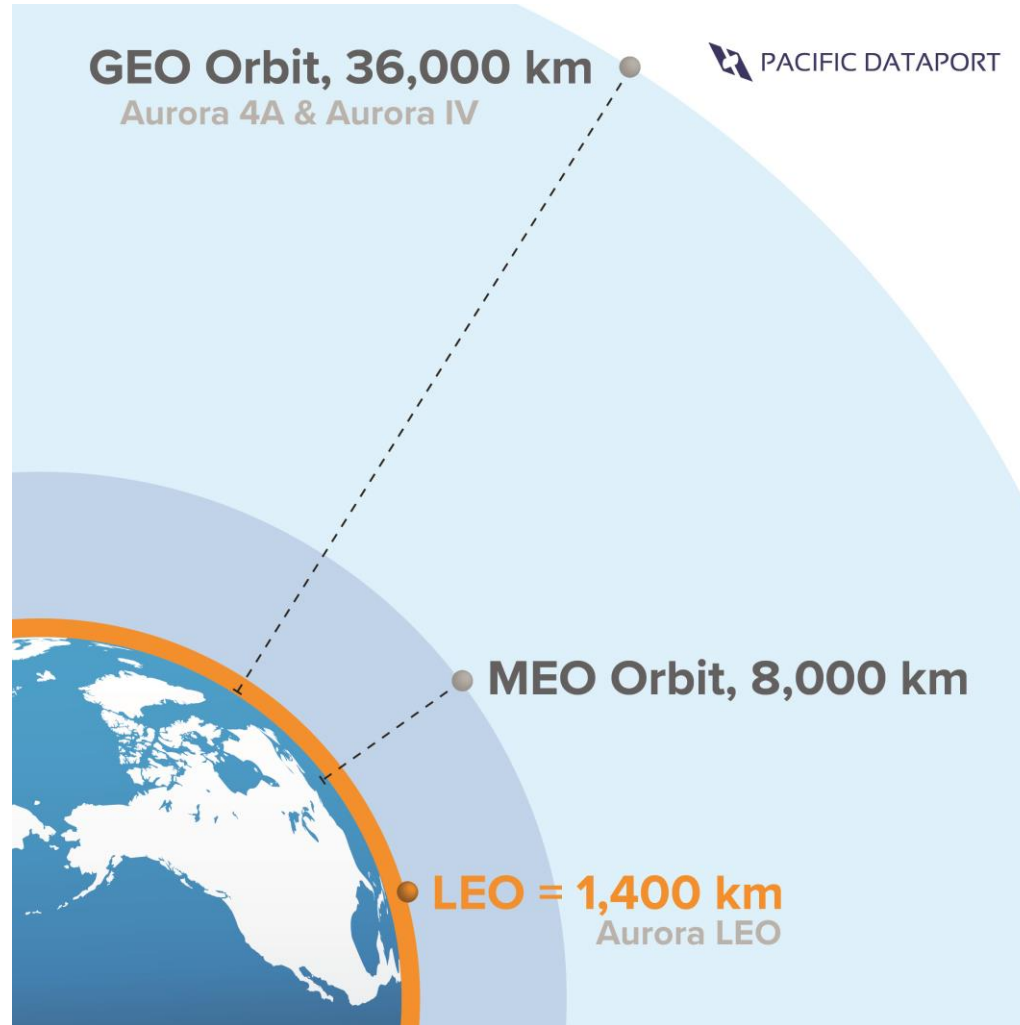
- Founded to bring affordable broadband to All of Alaska



PACIFIC DATAPORT

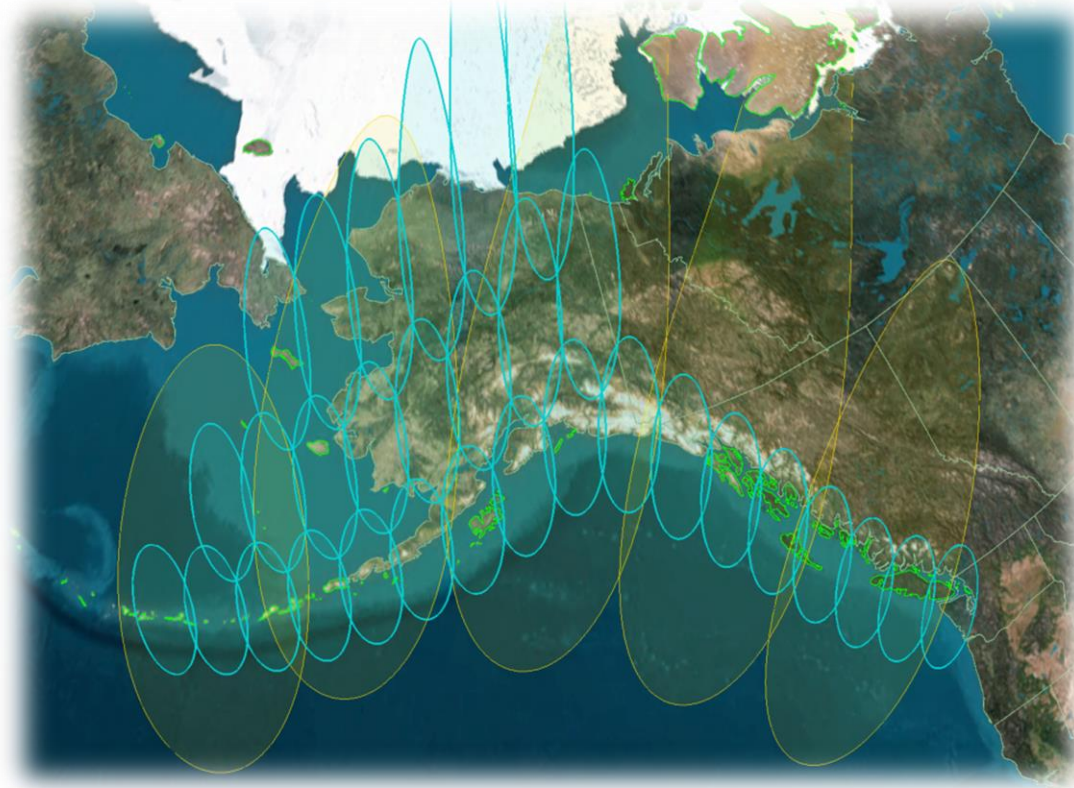


Hybrid Strategy





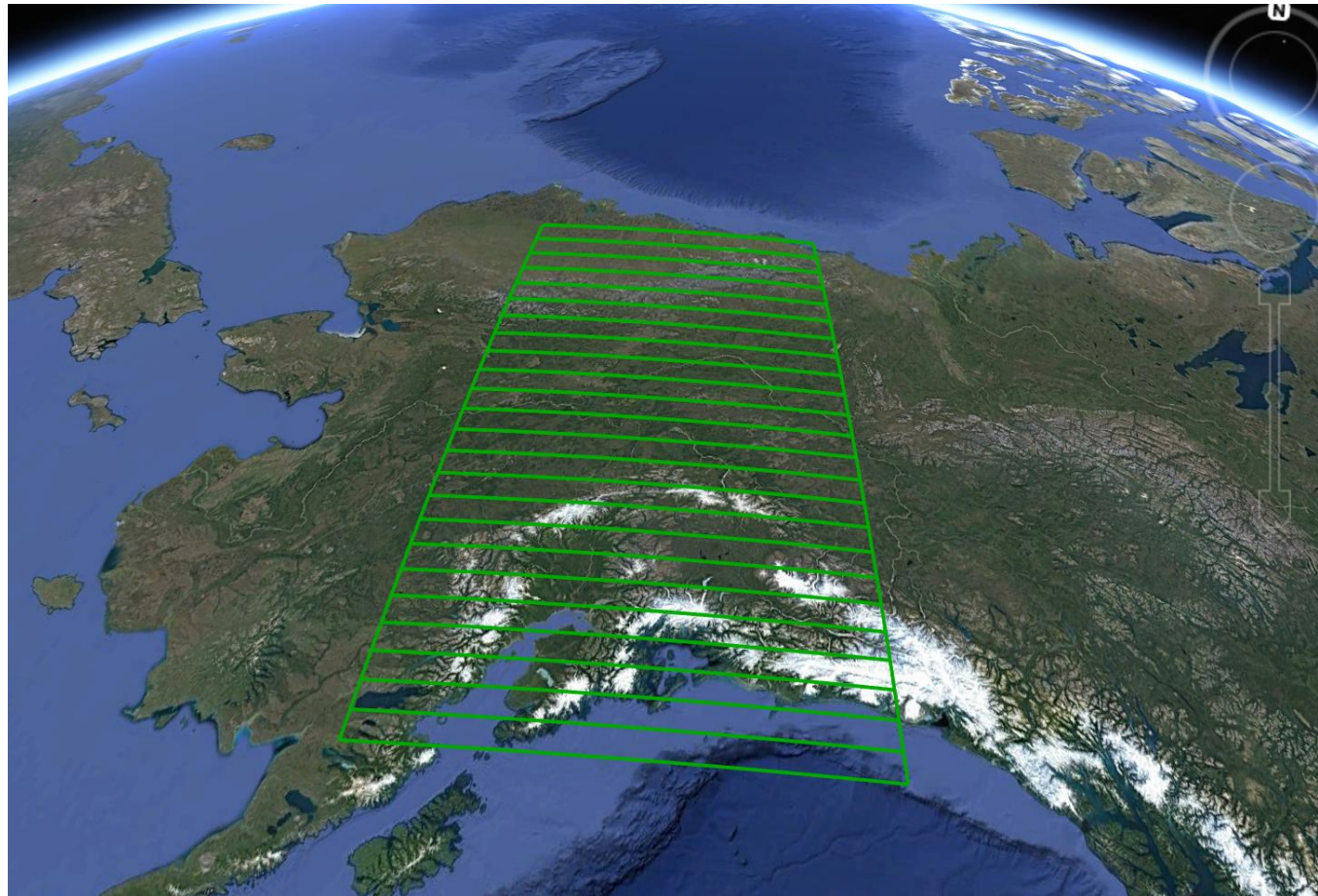
Aurora 4A & Aurora IV Coverage



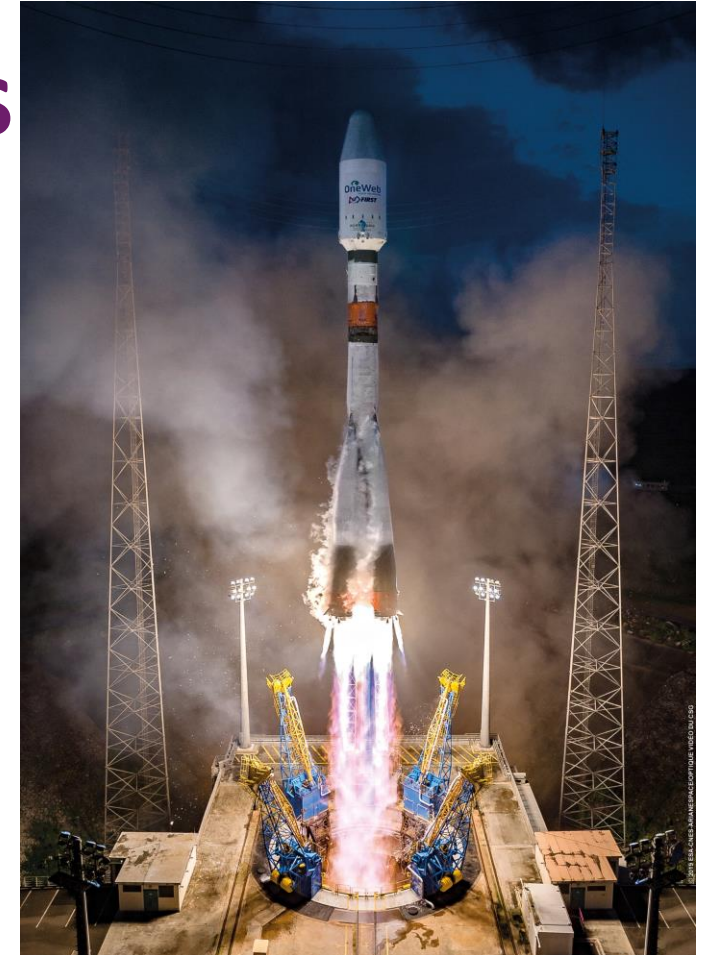
Aurora 4A



GEO
163°



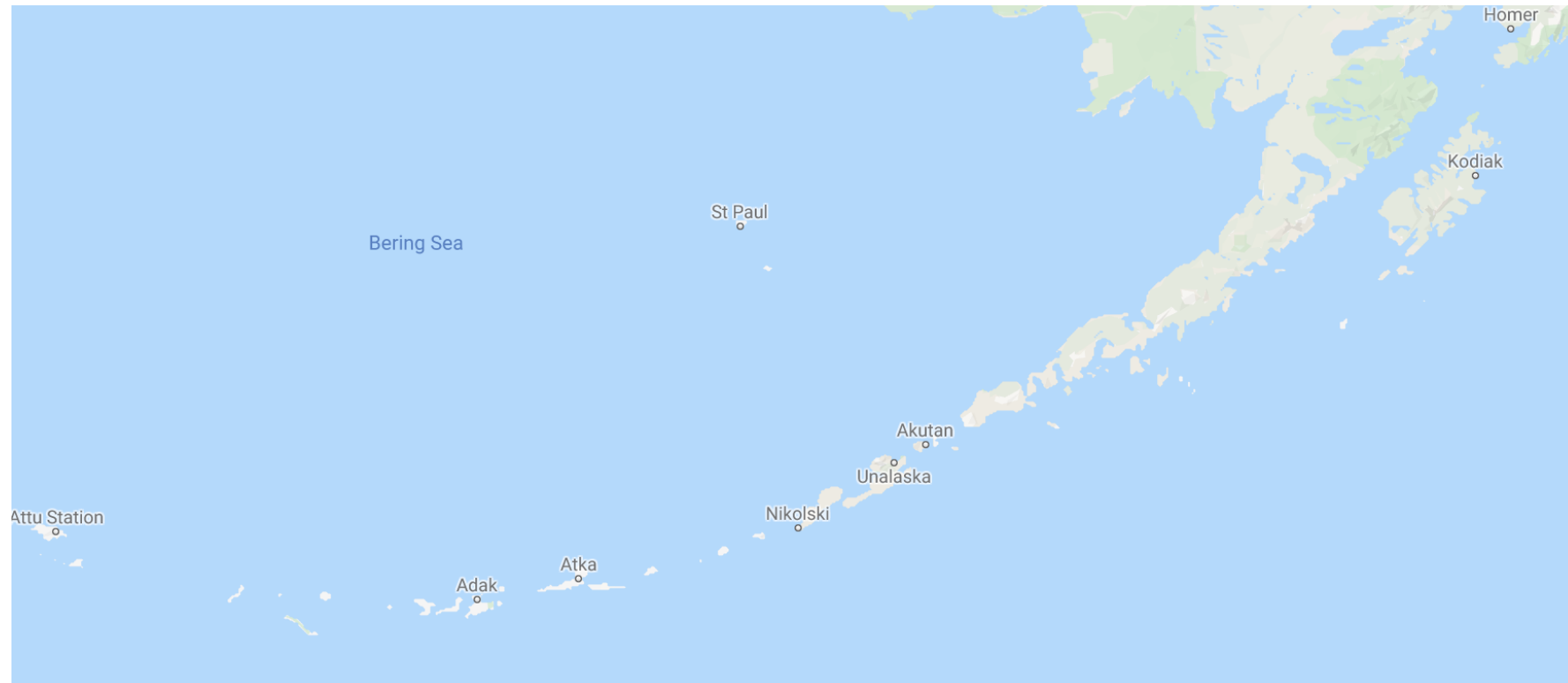
Launched First 34 LEO Satellites



Talkeetna Teleport



Coverage in 2021 includes the Aleutians





Progress

- Mar 2017 Incorporated Pacific Dataport Inc.
- Jul 2017 Developed proprietary community by community traffic model for Alaska
- Feb 2018 Acquired international rights to GSO Slot and radio frequencies at 154° West Longitude
- May 2018 Filed and awarded for VSAT network license with FCC
- Nov 2018 PDI signs exclusive agreement with Astranis for capacity on Aurora 4A satellite
- Nov 2018 Portland Advisers retained as PDI's financial advisor
- Dec 2018 Acquired international rights to GSO Slot and radio frequencies at 163° West Longitude
- Aug 2019 Astranis secures contract with SpaceX for launch of Aurora 4A in Q4 2020
- Sep 2019 Independent report on Alaska market completed by Northern Sky Research ("NSR")
- Dec 2019 PDI signs master Value-Added Distribution agreement for Alaska and Hawaii with OneWeb

Summary

- Pacific Dataport is finding a way with private investment to bring affordable broadband to ALL of Alaska
- Capacity will be made available to anyone that wants it
- Goal is for >80 Gbps of capacity over Alaska. More than 10X Terra
- Microcom provides the critical component for DTC fulfillment and service statewide
- We have a GEO satellite under construction, a new gateway built in Talkeetna and 34 LEO satellites in orbit



How can you support the Aurora project?

- LOI or purchase of capacity now
- Invest in the project
- Talk to us about ways to partner with PDI and Microcom

For additional information contact:

Chuck Schumann

907.229.8338

cschumann@pacificdataport.com

Dwayne Sakumoto

907.240.5598

dsakumoto@pacificdataport.com

Alexander Schumann

907.229.9993

aschumann@pacificdataport.com

