

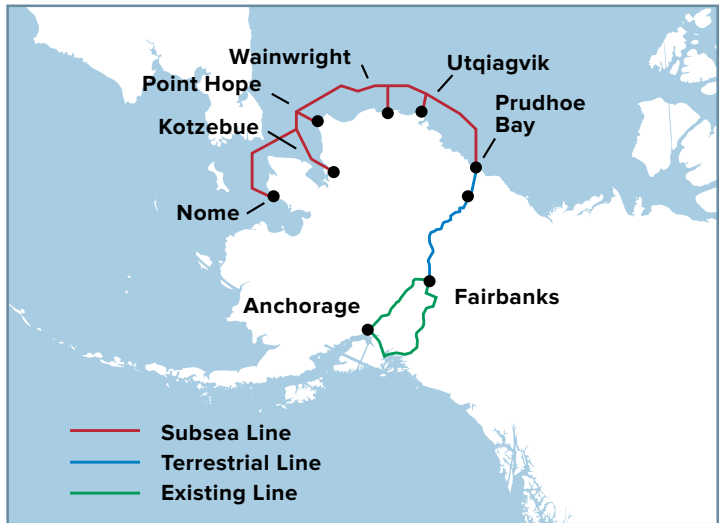


## Serving Alaska and beyond with fast, reliable, and secure broadband

Quintillion is the first and only telecommunications operator to build a subsea and terrestrial fiber optic cable network in the U.S. Arctic, operating as a leading provider of high-speed broadband networks.

Headquartered in Anchorage, Alaska, Quintillion provides middle-mile backhaul services for last-mile service providers in the Northwest Arctic and North Slope regions, as well as along the Dalton Highway corridor from Prudhoe Bay to Fairbanks. A leading provider of high-speed broadband networks, satellite ground station and cloud service connectivity, Quintillion supplies internet providers with the fastest, most resilient broadband access in the state of Alaska, which they pass on to their customers.

Quintillion's network currently serves the Alaska markets of Nome, Kotzebue, Point Hope, Wainwright, Utqiagvik, Oliktok Point and Prudhoe Bay/Deadhorse - including the oil and gas infield.



### THE NETWORK

- Spans more than 1,600 miles:
  - Subsea - 1,182 miles from Nome to Prudhoe Bay
  - Terrestrial - 505 miles from Prudhoe Bay to Fairbanks - adjacent to the TransAlaska Pipeline System (TAPS)
- At Fairbanks, the fiber connects to existing networks reaching Anchorage, Seattle and Portland
- Subsequent phases will connect Alaska with Asia and Europe

### SYSTEM SPECIFICATIONS

- 3 pair system - 30 Tbps capacity scalable to 90 Tbps
- Resilient design - double armored with burial up to 12' below seabed
- Six cable landings - installed 60-80' deep in steel conduit up to a mile offshore
- Robust feeds and redundant equipment at each Cable Landing Station
- 24/7 monitoring and response



## An Alaskan feat

Quintillion's fiber installation in the harsh Arctic conditions is a testament to its fortitude: *a grand vision, studied design, and the determination to take on difficult projects and see them through.*



### PARTNERING WITH ALASKANS

Quintillion partners with locally-based service providers, Alaska Native corporations, government entities, and corporate clients to meet the unique needs of Alaskans.



### OPTIMIZING RESOURCE + ECONOMIC DEVELOPMENT

Quintillion's incredible broadband capacity and speed improves the public and private sectors' ability to communicate and contribute to sound decisions in the mining, oil and gas, transportation, construction and other industries.



### SERVING RURAL COMMUNITIES

First-ever Arctic broadband unlocks invaluable quality of life capabilities such as telework, remote learning, workforce training, e-commerce, entertainment and more.



### ADVANCING PUBLIC HEALTH + SAFETY

From telemedicine to emergency response capabilities like search and rescue, high-speed broadband greatly improves the welfare of Arctic people and communities.



### PROMOTING COMPETITION

Quintillion's business model is predicated on partnering with a variety of internet service providers. It purposefully fosters healthy competition to improve offerings and reduce costs for Alaskan customers.



### SUPPORTING NATIONAL SECURITY

Quintillion's network has been designated critical infrastructure. It provides unrivaled security and capacity ideal for ground-based defense systems and other national security needs.