BROADBAND & TECHNOLOGY SOLUTIONS FOR ALASKAN SCHOOLS

FAST, RELIABLE, & CUSTOMIZED BROADBAND & TECHNOLOGY SOLUTIONS FOR ALASKAN SCHOOLS

Leonardo DRS operates and maintains resilient fiber optic, microwave, and satellite networks in remote and extremely challenging environments throughout Alaska. Leonardo DRS broadband and technology solutions provide Alaskan schools with fast and cost-effective connections to the Internet, optimized network applications such as video teleconferencing, and 24x7x365 network operations. We integrate multi-casting, collaboration tools, smart caching systems, and the latest acceleration and compression technologies to maximize information transfer while minimizing costs. Leonardo DRS has expertise in the USAC E-rate program to help schools increase resource potential and provide better educational tools for their students. Leonardo DRS customers also benefit from leveraging industry leading, mission-critical expertise while consistently experiencing top performing communications with high availability.

Need reliable and customized service on a site-by-site basis? As your technology partner, Leonardo DRS has you covered.

Microwave/Wireless Network

- 19 microwave towers, covering over 500 miles of interior Alaska.
- Secure point-to-point (PtP) & point-to-multi-point (PtMP) Wireless Networking.
- Solar, Wind, Battery, and Generator powered.

Satellite Services

- Centrally located iDirect satellite hub in Fairbanks, AK
- 16+ years experience supporting 100+ satellite locations throughout Alaska
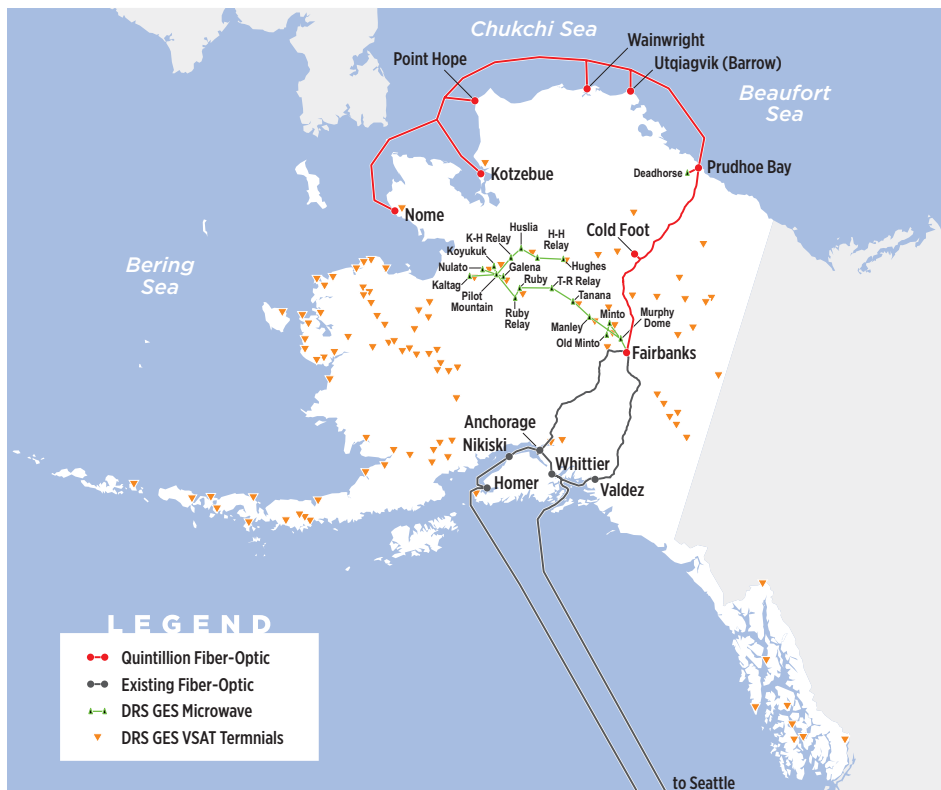
Fiber Optic Connections

- Quintillion Gig-E+ fiber optic broadband connectivity from Nome to Prudhoe Bay
- Resilient network design – engineered for the harsh arctic environment in Alaska with a 25+ year life
- Network route diversity for mitigating natural and man-made threats
- Redundant fiber connections to the Internet backbone from Seattle, WA

LEONARDO DRS

ARCTIC BROADBAND

THE ONLY CHOICE WHEN SUCCESS IS CRITICAL

For over 16 years, Leonardo DRS has been providing robust communications to very remote locations in Alaska. As a communications & technology partner to remote health care clinics and rural school districts all over Alaska, Leonardo DRS is accustomed to meeting the most demanding operational requirements in the state. Leonardo DRS provides comprehensive services from network design and build, to network operations and management, while our full life-cycle sustainment services keep end-users satisfied with reliable and optimized communication solutions.

Leonardo DRS provides communications to over 100 sites across Alaska and operates an extensive microwave network providing reliable communications to under-served communities. With offices and operations based out of Anchorage & Fairbanks, Leonardo DRS is able to respond quickly to most any rural Alaska location.

The fiber connection to Prudhoe Bay enables Leonardo DRS to provide point-to-point (PtP) and point-to-multi-point (PtMP) high-speed wireless broadband services in Deadhorse and the larger Prudhoe Bay area.

For more information on Leonardo DRS Arctic Broadband contact:

Vickie Kelly
DRS Global Enterprise Solutions
+1 800 330 0784 Ext 8620
Vickie.Kelly@drs.com

Global Enterprise Solutions

21345 Ridgetop Circle
Suite 400
Dulles, VA 20166

End-to-End Managed Services & Applications

- Secure Global Networking for Data, Voice, Video and Machine-to-machine (M2M) Communications
- Wireless - Campus WiFi/4G
- Broadband Internet Access
- Bandwidth-on-demand
- Voice over Internet Protocol (VoIP) Prepaid Calling Platform
- Video Teleconferencing (VTC)
- Multi-casting
- Full Motion Video
- Remote Desktop
- Virtual Private Networks (VPN) - Layer-2, Layer-3, and Virtual Private Local Area Network Service (VPLS)

Cybersecurity

- Security Operations Services
- Identity & Access Management
- Vulnerability Assessment, System Scanning, Problem Investigation
- Security Tools & Appliances
- Governance, Strategy & Compliance
- Training, Education & Awareness

24x7x365 Global Network Operations & Security Center (NOSC)

- Network Monitoring
- Help Desk with Tier I, II, & III Support
- Trouble Ticket System
- Customized daily, weekly, monthly performance reports

Technology Support

- Network Design & Build
- Systems Engineering & Integration
- Operations & Maintenance
- IT Service Management
- Applications & Systems Management
- Software/Hardware Support, Troubleshooting, Repair & Replacement
- Program Management
- Full Life-cycle Sustainment

LeonardoDRS.com/ArcticBroadband

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