ARCTIC BROADBAND

FAST, RELIABLE AND CUSTOMIZED BROADBAND COMMUNICATION SOLUTIONS FOR ALASKA

Leonardo DRS, operates and maintains resilient fiber optic, microwave, and satellite networks in remote and extremely challenging environments throughout Alaska. The Arctic Broadband service from Leonardo DRS provides Alaskan businesses and communities with fast and cost-effective connections to the Internet and their networks. Through a robust, reliable and secure communications infrastructure, our customers get their bandwidth with no data caps or extra fees. Additionally, Leonardo DRS customers benefit from the same commitment, mission-critical expertise, and flexible services that the most demanding organizations within the U.S. Department of Defense (DoD) have come to rely on over the past 20 years.

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

Fiber Optic

- Quintillion Gig-E+ fiber optic broadband connectivity
- 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
- Trunk and branch configuration: Nome to Prudhoe Bay, Alaska with branches to Kotzebue, Point Hope, Wainwright and Utqiaġvik (Barrow)
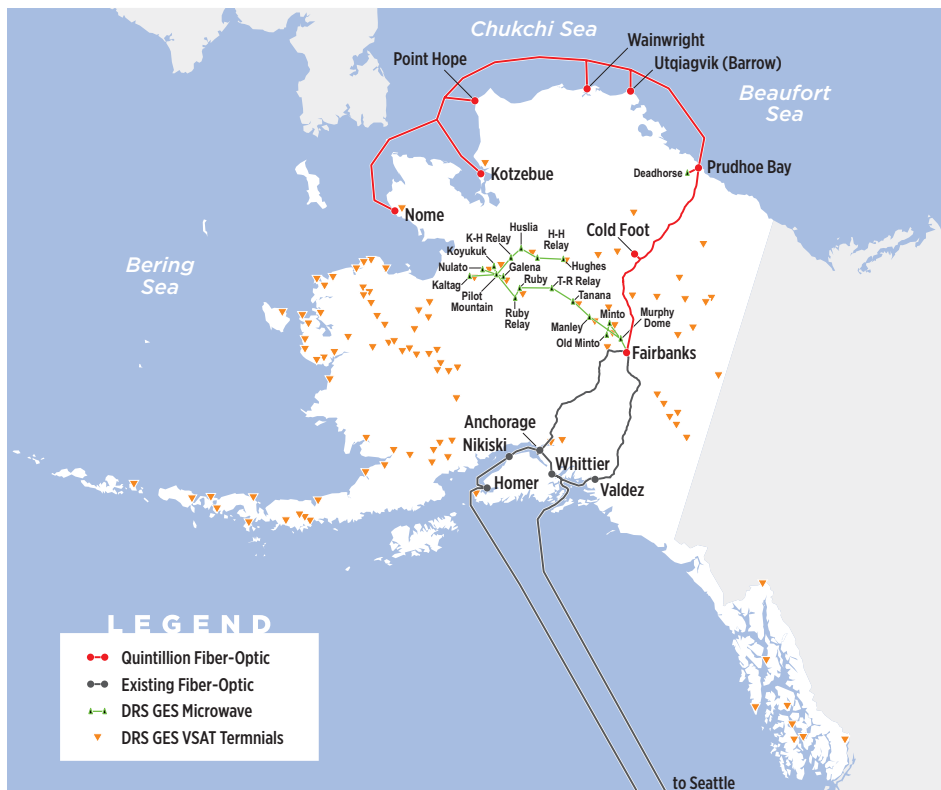- Redundant fiber connections to the Internet backbone from Seattle, WA

Microwave/Wireless

- Line-of-site service out of Deadhorse, AK
- Secure point-to-point (PtP) & point-to-multi-point (PtMP) Wireless Networking
- Service from 10 Mb up to 3 Gbps available

![Leonardo DRS logo]

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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:

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END-TO-END SOLUTIONS

- Secure networking for global data, voice, video and machine-to-machine (M2M) communications
- Fiber and microwave
- Wireless (Campus WiFi/4G)
- Rapid-deploy very small aperture terminal (VSAT) networks
- Satellite and teleport services
- Systems engineering and integration
- Circuit design, procurement, testing, commission, optimization and maintenance
- Program management
- Globally deployed field service representatives (FSRs)
- Life-cycle sustainment

Global Communications Network (GCN) Core Infrastructure

- Carrier-grade, Multi-protocol label switching (MPLS) Core network
- Redundant, self-healing fiber circuits
- Globally dispersed Internet points of presence (PoPs)
- Secure connections to customer networks
- U.S. Government Accredited Risk Management Framework (RMF)

24x7x365 Global Network Operations & Security Center (NOSC)

- Monitoring and control of terrestrial core, teleports, satellite bandwidth, VSATs, back-haul, and security
- Help desk with Tier I, II, & III support
- Enterprise trouble ticket system
- Geographically dispersed continuity of operations (COOP) fail-over

Managed Network Applications

- Broadband Internet access
- Bandwidth-on-demand
- Voice over Internet protocol (VoIP) prepaid calling platform
- Video conferencing
- Remote desktop
- Virtual private networks (VPN) - Layer-2, Layer-3, and virtual private local area network service (VPLS)

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