AT&T – Committed to Alaska: Past, Present and Future

Prepared for the Regulatory Commission of Alaska October 28, 2015



Investment and Community Impact



AT&T Alaska: By the Numbers

More than \$193 million invested by AT&T

in its best-in-class wireline and wireless networks in Alaska from 2012-2014

367 upgrades made

from 2012-2014 including new cell sites, addition of wireless and wired network capacity and new broadband network connections in Alaska (excluding LTE enhancements)

Over 500 AT&T employees

working in Alaska as of September 30, 2015



Community Impact

Community Impact Highlights:

- More than \$785,000 contributed by AT&T and its employees from 2012-2014 through giving programs in Alaska
- More than 2,000 hours of personal time given by AT&T employees and retirees in Alaska to community outreach activities in 2014
- 506 students mentored by our employees in Alaska through Aspire Mentoring Academy from September 2012 – December 2014

Notable Contributions:

- Alaska Native Science and Engineering Program
- Fur Rondy Fireworks Sponsor
- Alaska School Activities Association
- Anchorage Downtown Partnership Downtown Tree Lighting
- Alaska State Fair Concert Series
- Armed Forces Communications and Electronics Association Sponsor



AT&T Alaska's Presence



Location of facilities





AT&T Alaska Earth Stations





Examples of AT&T Products Offered in Alaska

Wireless

- 4G LTE
- HD Voice
- Wi-Fi Calling
- Smartphones & Tablets
- Mi-Fi
- Wireless Home Phones

Wireline/Enterprise

- IXC services
- Ethernet access
 Managed Internet
 Service (EaMIS)
- Ethernet access AT&T
 Virtual Private Network
 (EaAVPN)
- Opt-E-WAN

DirecTV

 Satellite TV service for residential or business









The Evolution of Mobility



Evolution of Wireless Technology and Speeds

Continually upgrading our networks LTE Theoretical Peak: 73 Mbps (est) to new technology provides people with the fast network coverage HSPA+ Theoretical Peak: 21.6 Mbps (est) they've come to expect from AT&T. Theoretical Peak: 7.2 Mbps HSPA 7.2 **HSDPA** Theoretical Peak: 3.6 Mbps Can Deliver 4G Speeds with Enhanced Backhaul Theoretical Peak: 384 Kbps Consistent with worldwide global

2011



standards for GSM device

Lets you use your device globally



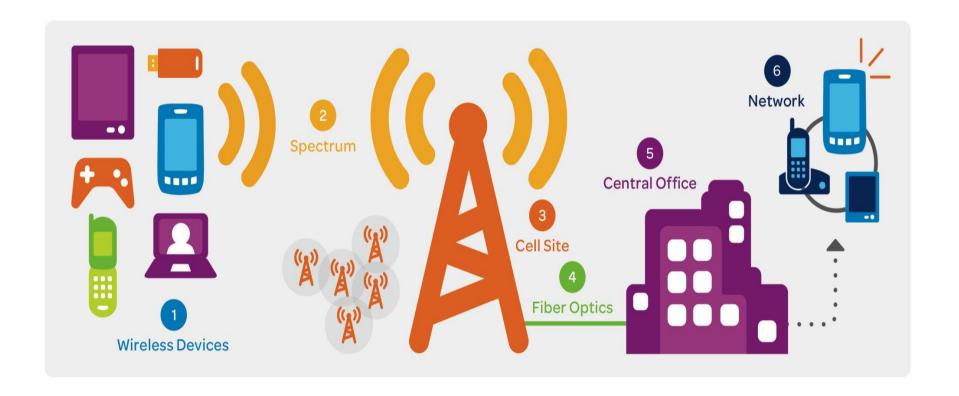
Theoretical Peak: 237 Kbps

EDGE

2005

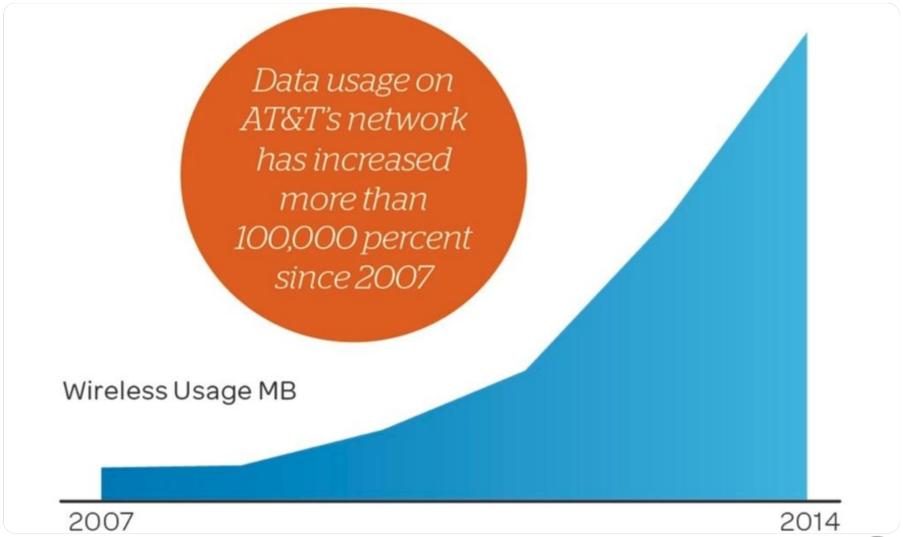
Theoretical Peak: 48 Kbps

Mobility: How it Works





The demand for data is on the rise:





The demand for data is on the rise:

The surge in demand for mobile data is being driven by data-intensive apps and especially online video consumption.

Every minute, Americans:





More than 53%

Alaskan households that are wireless only or wireless mostly.²



Communities in Alaska with LTE

Anchorage

Eagle River

Fairbanks

Juneau

Ketchikan

Kenai

Homer

Soldotna

Wasilla

Alyeska/Girdwood

Seward

Talkeetna

Willow



Overview of DirecTV

More than 20 million customers in the United States

- Served by 12 satellites that orbit 22,300 miles above the equator
 - Use different frequency bands to deliver video "Direct to Home" of customers
- DirecTV owns 3+ Regional Sports Networks and one proprietary original channel, The Audience Network
- There are 16 independent retailers in Alaska that offer DirecTV in addition to AT&T's 13 company-owned retail stores





Distribution – AT&T Stores

There are 13 company-owned retail stores in Alaska

with additional authorized dealerships and national retail stores. Dimond Mall was one of the first locations in the West for our new "Store of the Future" concept.



AT&T has made significant investments in new and remodeled retail stores

(company-owned and authorized retailers) throughout Alaska over the past several years including new stores in Kodiak, Sitka, Kenai, North Pole, Palmer, Wasilla and 3 new stores in Anchorage.



Alaska's Bears Endorse AT&T





Questions?

