



## AT&T Wireless Network At-a-Glance

***AT&T\* is pioneering the industry's most critical growth area: mobile broadband.***

### Features

- The nation's fastest mobile broadband network
- Ability to talk and surf the Internet at the same time
- Most popular smartphones and a wide range of emerging devices
- Voice and data service covering 97 percent of the U.S. population and mobile broadband service reaching 80 percent of the population
- The nation's largest Wi-Fi network\*\* with more than 23,000 hotspots in the U.S. and provides access to more than 125,000 hotspots globally through roaming agreements
- Mobile broadband roaming in more than 125 countries, data services in more than 200 countries and voice services in more than 220 countries

### Investment

- 2009: total of \$17.3 billion, including billions dedicated to the wireless network
- 2010: plan to invest between \$18 billion and \$19 billion, assuming a positive regulatory environment
  - 5 to 10 percent increase over 2009
  - Includes a year-over-year increase of approximately \$2 billion in wireless network and backhaul investment

### Technology

- AT&T's mobile network is based on the 3GPP roadmap
  - Includes GSM and UMTS, the most open and widely used wireless network platforms in the world, as well as LTE, the next-generation of mobile broadband technology
    - More than 85 percent of the world's wireless networks use this technology platform
  - Provides AT&T customers global roaming capability, prioritized research and development, cutting-edge devices, and a smooth evolution to newer technologies
  - Powered by the latest mobile broadband technology: High-Speed Packet Access (HSPA), which allows for continued speed upgrades with HSPA 7.2 and HSPA+
    - HSPA+ technology provides a theoretical maximum downlink that is more than two times that of HSPA 7.2\*\*\*

### Evolution

- Our wireless network strategy is designed to deliver the industry's best combination of mobile broadband performance and available devices – both for today and well into the future
- We plan to begin deploying LTE in mid 2011, about the time when 4G smart phones are expected to be introduced.
  - We expect to cover 70-75 million people by the end of 2011
- In 2010 and 2011, we'll deploy backhaul to support faster speeds and enhanced performance for both existing mobile broadband and future LTE customers

- We're also rolling out faster 3G technology, so we'll be able to quickly provide performance enhancements to customers on a wide scale, and with a wide range of compatible devices
  - Some competitors have elected to jump to the next generation technology without increasing speeds of their current generation
- The benefit of AT&T's strategy will be a more seamless transition to LTE, with a more consistent high-speed experience
  - Initial next-generation network deployments will have smaller footprints than existing mobile broadband networks, so there won't be a jarring speed drop with AT&T

*\*AT&T products and services are provided or offered by subsidiaries and affiliates of AT&T Inc. under the AT&T brand and not by AT&T Inc.*

*\*\* Largest based on company branded and operated hotspots. Access includes AT&T Wi-Fi Basic. A Wi-Fi enabled device required. Other restrictions apply. See [www.attwifi.com](http://www.attwifi.com) for details and locations.*

*\*\*\* Real-world performance will be less and vary due to a number of factors, including network infrastructure, geography, traffic volume, device, etc.*