

# The AT&T Wireless Network

The Nation's Fastest Mobile Broadband Network.

AT&T is an industry leader in delivering the benefits of mobile broadband networks, devices and applications. Data traffic on our network has grown nearly 8,000 percent over the last 4 years (2007-2010). Our network investments and upgrades have enabled us to continue to deliver the nation's fastest mobile broadband network and it's getting faster in 2011 with 4G\*. We also have the broadest international coverage of any U.S. wireless provider, offer the most phones that work in the most countries, have the nation's largest Wi-Fi network\*\*, and support more smartphone customers than any other U.S. provider.

### The Nation's Fastest Mobile Broadband Network and a Better Experience

Our mobile broadband network has a unique combination of attributes that make us the right choice:

- HSPA+ deployed to virtually 100 percent of our mobile broadband network, which enables 4G speeds when combined with enhanced backhaul
- Only U.S. company committed to delivering 4G using both HSPA+ and LTE technologies – providing a faster and more consistent experience for customers
- Simultaneous voice and data so you can talk and email/surf the web at the same time
- Access to over 100,000 apps with select devices

#### **Built on the Most Broadly-Deployed Global Standard for Mobile Devices**

Nearly 90% of global wireless subscribers are on GSM network technology. The AT&T wireless network is built on the 3rd Generation Partnership Project (3GPP) family of technologies, which includes GSM, UMTS, HSPA and LTE. AT&T has 97.5 million wireless subscribers in service (as of 1Q11).

## Access the AT&T Network When You Need it Most

AT&T offers the broadest global reach of any U.S. carrier with the most wireless phones that work in the most countries. Our wireless service reaches over 300 million people, or 97 percent of the U.S. population, with more than 80 percent covered by our mobile broadband network. We currently offer wireless voice coverage in more than 220 countries



and wireless data coverage in more than 200 countries. Not only do travelers have coverage internationally, but they can usually use their existing AT&T device.

## **More Broadband Access Options**

Many of the most popular AT&T smartphones support auto-authentication at our Wi-Fi hotspots, making it even more convenient for you to maintain the best broadband connection experience. We are an industry leader in Wi-Fi, providing our customers with a variety of broadband connectivity at home and on the go. We have the nation's largest Wi-Fi hotspot network, with more than 24,000 hotspots and access to 135,000 global hotspots through roaming agreements. In the third quarter of 2010, users made 106.9 million connections on the AT&T U.S. Wi-Fi network, exceeding the total 85.5 million connections made during the entire year in 2009.

To supplement mobile broadband in urban areas with consistently high mobile broadband use, AT&T deployed Wi-Fi hotzones in NYC's Times Square, downtown Charlotte, N.C., and Chicago's Wrigleyville. AT&T is planning to expand Wi-Fi coverage areas in New York City and introduce a San Francisco hotzone. AT&T customers with qualifying wireless data, LaptopConnect or AT&T High Speed Internet plans get unlimited access to AT&T hotzones at no additional cost.



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AT&T also offers customers their own mobile Wi-Fi hotspot, which connects virtually any Wi-Fi-enabled device, including PCs, cameras, digital media players, tablets and gaming devices, to the AT&T mobile broadband network, and supports up to five simultaneous connections for devices located within 30 feet of the device. The offer adds to the ways AT&T is delivering the convenience of Wi-Fi.

## More Smartphone Users Have Chosen AT&T Over Any Other U.S. Carrier

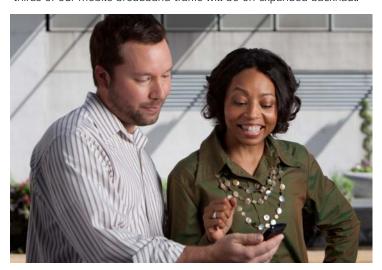
AT&T is the leader in smartphones and devices, and expects to widen that lead in 2011. In 2010, AT&T introduced our first LTE and HSPA+ capable LaptopConnect devices and plans to have 20 4G devices, some on an exclusive basis, by the end of 2011 to take advantage of increased speeds including:

- Four 4G smartphones introduced in the first half— the Motorola ATRIX™ 4G, the HTC Inspire™ 4G, the Samsung Infuse™ 4G, and the HP Veer™ 4G
- Two 4G tablets, including the first LTE tablet, by mid summer.
   Additional LTE tablets are planned for the second half of 2011

AT&T is also committed to delivering a robust Android portfolio, including more than 12 new Android devices planned for 2011. In 2011, we plan to expand our leadership in apps with new initiatives to speed collaboration with app developers and further open network capabilities to the development community.

#### **Fastest and Getting Faster**

AT&T completed deployment of HSPA+ to virtually 100 percent of our mobile broadband network, which enables 4G speeds when combined with expanded backhaul. Today, AT&T is already seeing 4G speeds on our existing HSPA+ network with enhanced backhaul in areas of key markets. In these areas, AT&T is seeing network speeds up to approximately 6 Mbps\*\*\* – and expects these speeds will increase as we accelerate our LTE build and further deploy expanded backhaul. AT&T is rapidly expanding Ethernet and fiber to cell sites nationwide – adding new cell sites weekly – and by yearend, expect that nearly two-thirds of our mobile broadband traffic will be on expanded backhaul.



#### Why AT&T for Mobility Solutions?

- AT&T is the leader in the U.S. enterprise mobility market among the top-tier carriers
- Current Analysis U.S. Carrier Enterprise Mobility: Competitive Landscape and Best Practices Report (June 2010)
- AT&T Positioned in the "Leaders Quadrant" for U.S. Telecommunications Service Providers
- Gartner Magic Quadrant for U.S. Telecommunications Service Providers, T. Chamberlin, P. Redman (11/3/2010)
- AT&T is a leader in the Mobile Enterprise Services 2010 Vendor Analysis
- IDC MarketScape: Mobile Enterprise Service Vendors 2010 Report 12/10 - Doc.#225770

These initiatives benefit the network today and help pave the way for smoother future LTE deployments. AT&T plans to begin deploying LTE beginning mid-2011, matching industry time lines for when device options and equipment standards will begin to grow at scale. AT&T also has licenses for the 700 MHz and AWS spectrum ranges, which will be utilized for LTE services. AT&T plans to have 70-75 million Americans covered by LTE by the end of 2011. AT&T is the only U.S. company committed to delivering 4G using both HSPA+ and LTE technologies – providing a faster and more consistent experience for customers. Plus, the AT&T mobile broadband network lets you talk and surf the Web on your phone at the same time – so you can keep the conversation going when you need to while staying productive. AT&T has focused on delivering the best overall mobile broadband experience for our customers, building a powerful network and leading the industry in multiple technologies that enhance the mobile experience.

## **Wireless Innovation: Applications and Devices**

AT&T is the market leader in wireless innovation, delivering to customers expanded choice in devices, services and applications and giving businesses a mobility advantage through applications, enablers and machine-to-machine devices. In 2010, AT&T:

- Increased our mobile broadband coverage through the completion of the Centennial Network acquisition
- Completed the acquisition of divestiture properties from Verizon
  Wireless, which primarily represents former Alltel customers and
  assets, and started the transition of the Alltel properties to the
  GSM 2G/3G technology. The acquisition enhances AT&T's network
  coverage and connects rural Americans to leading edge mobile
  broadband technologies
- Announced an agreement to purchase spectrum licenses in the lower 700 MHz frequency band from Qualcomm, which will further enhance the ability of AT&T to provide a robust LTE 4G mobile broadband experience for our customers in the years ahead

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- Completed deployment of HSPA+ to virtually 100 percent of our mobile broadband network, which enables 4G speeds when combined with Ethernet or fiber backhaul
- Was the first carrier in the Americas to launch the MiFi 2372 Mobile Hostpot, which offers simultaneous Wi-Fi connectivity for up to five devices and runs on the AT&T HSPA 7.2 network
- Extended the reach of AT&T WorkBench to include businesses and organizations that have mobile devices running on Android platform
- Launched the new Satellite Augmented Mobile Service, which enables wireless communications coverage in remote areas for government, energy utility, transportation and maritime users
- Launched AT&T Encrypted Mobile Voice, which provides high level security features for calls on the AT&T wireless network
- Introduced LTE and HSPA+ capable LaptopConnect devices

In 2010, AT&T invested \$20.3 billion in total in our wireline and wireless networks, including a more than 50 percent increase in wireless-related capital investment versus the year earlier. In 2011, AT&T plans to invest in the low-to-mid \$19 billion range in our wireleline and wireless networks.

Millions of customers will benefit from our network enhancements well before LTE devices become widely available. And, because LTE is a global standard, available LTE devices will be backward compatible with current AT&T network technology. Our customers will have a better overall broadband experience on the AT&T network with LTE and the HSPA+ network enhancement as their traffic will fall back to our HSPA+/HSPA 7.2 network when they are outside of AT&T LTE coverage. In other words, our current network is capable of meeting current customer requirements while it is being enhanced to meet future requirements, enabling you to innovate the way you do business. We think you'll agree...AT&T enables the best network experience to support your business needs.

#### **Notes**

- \*\* Coverage not available in all areas. Largest Wi-Fi based on branded and operated hotspots. Wi-Fi-enabled device required.
- \*\*\* Actual speeds experienced will vary and depend on several factors including device, location, capacity, facilities, and other conditions including enhanced backhaul.

For more information about our network, please visit att.com/networknews.

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