

5 Facts on AT&T 5G

As a world leader in communications and technology, we're beginning to unlock the promise of 5G to redefine how you engage with media and entertainment. 5G will ultimately change how you live, work, and play, and will help businesses increase efficiency, empower workers, and drive innovation in ways we can only imagine.

1 AT&T 5G in Parts of 21 Cities

Live: Atlanta, Charlotte, Dallas, Houston, Indianapolis, Jacksonville, Louisville, New Orleans, Oklahoma City, Raleigh, San Antonio, and Waco

Planned for 2019: Chicago, Minneapolis, Las Vegas, Los Angeles, Nashville, Orlando, San Diego, San Francisco, and San Jose

2 AT&T 5G Firsts

- **Early 2016** We're one of the top wireless carriers contributing to 3GPP's work on 5G standards.
- **Dec. 2016** Launched the industry's first 5G business customer trial in Austin, TX with Intel and Ericsson using millimeter wave (mmWave) technology.
- **June 2017** Launched first field trial in Austin, TX where residential and business customers could stream DIRECTV NOW video service over a fixed wireless 5G connection.
- **Aug. 2017** We kicked off our largest 5G trial in Waco, TX with Magnolia at the Silos.
- **Sept. 10, 2017** The world's first wireless 5G data transfer over mmWave using standards-based, production equipment with a mobile form factor device.
- **Oct. 26, 2018** We completed the world's first millimeter wave mobile 5G browsing session, the NETGEAR Nighthawk® 5G Mobile Hotspot, on the mobile 5G network in Waco, TX.
- **Dec. 21, 2018** We were the first to make mobile 5G a reality in the U.S.
- **Feb. 8, 2019** We made AT&T Stadium America's first stadium with 5G.

3 AT&T 5G Device Roadmap

In Market: NETGEAR Nighthawk® 5G Mobile Hotspot (5G mmWave device)

1H 2019 Samsung 5G Smartphone (5G mmWave device)

2H 2019 Samsung 5G smartphone (5G mmWave and sub-6 GHz device)

4 AT&T 5G Trials and Tests

We continue to test the latest and greatest 5G technology and equipment at our labs in Austin, TX, Middletown, NJ, and Redmond, WA. As 5G continues to evolve and mature, we will constantly test upgrades in our labs, quickly bring them to the field, and then roll out the upgrades to customers.

5 AT&T 5G Experiences

To drive adoption and uncover use cases on how 5G can unlock the future of manufacturing, healthcare, and entertainment, we've announced plans to bring 5G connectivity to:

Samsung smart factory in Austin, TX
WarnerMedia HQ in New York City

Magic Leap HQ in Plantation, FL
Rush University Medical Hospital

AT&T Stadium in Dallas, TX

We hosted five 5G experiences throughout 2018. By bringing our demos to AT&T SHAPE, E3, RTX, an Atlanta Falcons tailgate, and the Qualcomm Snapdragon Summit, we helped show consumers how 5G could ultimately impact – and improve – their day-to-day lives.