**The FCC’s 5G FAST Plan**

Under Chairman Pai, the FCC is pursuing a comprehensive strategy to Facilitate America’s Superiority in 5G Technology (the 5G FAST Plan). The Chairman’s strategy includes three key components: (1) pushing more spectrum into the marketplace; (2) updating infrastructure policy; and (3) modernizing outdated regulations.

**Spectrum**

The FCC is taking action to make additional spectrum available for 5G services.

* *High-band*: The FCC has made auctioning high-band, millimeter-wave spectrum a priority. The FCC will hold its first 5G spectrum auctions this year in the [28 GHz and 24 GHz](https://docs.fcc.gov/public/attachments/DOC-353228A1.pdf) bands. In 2019, the FCC will auction the upper [37 GHz, 39 GHz, and 47 GHz](https://docs.fcc.gov/public/attachments/DOC-353229A1.pdf) bands. With these auctions, the FCC will release almost 5 gigahertz of 5G spectrum into the market—more than all other flexible use bands combined. And we are working to free up another 2.75 gigahertz of 5G spectrum in the [26 and 42 GHz](https://docs.fcc.gov/public/attachments/DOC-351388A1.pdf) bands.
* *Mid-band*: Mid-band spectrum has become a target for 5G buildout given its balanced coverage and capacity characteristics. With our work on the [2.5 GHz](https://www.fcc.gov/document/fcc-seeks-transform-25-ghz-band-nextgen-5g-connectivity), [3.5 GHz](https://www.fcc.gov/document/fcc-moves-promote-investment-35-ghz-band-0), and [3.7-4.2 GHz](https://www.fcc.gov/document/fcc-proposes-expand-flexible-use-mid-band-spectrum) bands, we could make up to 844 megahertz available for 5G deployments.
* *Low-band*: The FCC is acting to improve use of low-band spectrum (useful for wider coverage) for 5G services, with targeted changes to the [600 MHz](https://www.fcc.gov/document/auction-1002-long-form-applications-granted-3), [800 MHz](https://www.fcc.gov/general/800-mhz-spectrum), and [900 MHz](https://www.fcc.gov/document/900-mhz-notice-inquiry) bands.
* *Unlicensed*: Recognizing that unlicensed spectrum will be important for 5G, the agency is creating new opportunities for the next generation of Wi-Fi in the [6 GHz](https://www.fcc.gov/news-events/blog/2018/06/20/scoring-victory-5g) and [above 95 GHz](https://www.fcc.gov/document/fcc-proposes-open-spectrum-horizons-new-services-technologies) band.

**Infrastructure Policy**

The FCC is updating infrastructure policy and encouraging the private sector to invest in 5G networks.

* *[Speeding Up Federal Review of Small Cells](https://www.fcc.gov/document/fcc-acts-speed-deployment-next-gen-wireless-infrastructure)*: The FCC adopted new rules that will reduce federal regulatory impediments to deploying the small-cell infrastructure needed for 5G (as opposed to large cell towers) and help to expand the reach of 5G for faster, more reliable wireless service.
* *[Speeding Up State and Local Review of Small Cells](https://docs.fcc.gov/public/attachments/DOC-353927A1.pdf)*: The FCC has reformed rules designed decades ago to accommodate small cells. The reforms ban short-sighted municipal roadblocks that have the effect of prohibiting deployment of 5G and give states and localities a reasonable deadline to approve or disapprove small-cell siting applications.

**Modernizing Outdated Regulations**

The FCC is modernizing outdated regulations to promote 5G backhaul and digital opportunity for all Americans.

* *[Restoring Internet Freedom](https://www.fcc.gov/document/fcc-releases-restoring-internet-freedom-order)*: To lead the world in 5G, the United States needs to encourage investment and innovation while protecting Internet openness and freedom. The FCC adopted the *Restoring Internet Freedom Order*, which sets a consistent national policy for Internet providers.
* *[One-Touch Make-Ready](https://www.fcc.gov/document/fcc-speeds-access-utility-poles-promote-broadband-5g-deployment)*: The FCC has updated its rules governing the attachment of new network equipment to utility poles in order to reduce cost and speed up the process for 5G backhaul deployment.
* *[Speeding the IP Transition](https://www.fcc.gov/document/fcc-acts-enable-investment-next-generation-networks-0)*: The FCC has revised its rules to make it easier for companies to invest in next-generation networks and services instead of the fading networks of the past.
* *[Business Data Services](https://www.fcc.gov/document/business-data-services-report-and-order)*: In order to incentivize investment in modern fiber networks, the FCC updated rules for high-speed, dedicated services by lifting rate regulation where appropriate.
* *[Supply Chain Integrity](https://www.fcc.gov/document/fcc-proposes-protect-national-security-through-fcc-programs-0)*: The FCC has proposed to prevent taxpayer dollars from being used to purchase equipment or services from companies that pose a national security threat to the integrity of American communications networks or the communications supply chain.