

Spectrum

As one of the few firms working on spectrum issues in the United States and globally, Hogan Lovells advises on how to gain access to wireless spectrum from regulators, avoid harmful interference, negotiate lease agreements, authorize equipment and services, design and win auctions, and guard against the regulatory and business risks of advanced wireless communications. We know how spectrum works and will guide you through every step of the process of securing the wireless connectivity that should form a critical component of every company's business strategy.

We understand the issues regulators consider when allocating and assigning spectrum resources. We help you identify options and choose strategies that maximize your odds of winning – and keeping – access to the resources your business needs.

As your business matures, we help anticipate emerging risks to your spectrum and your business. Our extensive work with the domestic and global regulatory authorities – as well as our long-standing relationships with operators, engineers, economists, think tanks, and other stakeholders in the industry helps us keep our clients informed of what lies over the horizon in spectrum policy, competition policy, and administrative law and oversight.

We help you understand regulations and how they apply to your business.

Representative experience

Contacts

Michele C. Farquhar,
Washington, D.C.

Ari Q. Fitzgerald,
Washington, D.C.

Practices

Space and Satellite

Communications,
Internet, and Media

Industries

Technology and
Telecoms

Advised T-Mobile USA with its US\$8bn purchase of 45% of all spectrum auctioned in the FCC's first-of-its-kind broadcast incentive auction, allowing them to provide 5G services in the U.S.

Assisted Sprint on domestic and international regulation affecting the 2.5 GHz band frequencies.

Represented the largest U.S. railroads in acquiring spectrum and technology for positive train control, a proposed system of monitoring and controlling train movements to provide increased safety.

Counselled the nation's second-largest broadcast authorization holder on license acquisition, regulatory compliance, channel sharing activity, buildout obligations, and operations planning.

Represented multiple operators seeking to provide public safety broadband operations.

Secured spectrum licenses for multiple nongeostationary Earth orbit fixed-satellite service applicants.

Advised operators on substantial service obligations and requirements.

Participated in numerous European Commission studies on spectrum trading and spectrum management issues connected with the digital dividend.

Counselled General Electric on spectrum policy advocacy.

Advised T-Mobile USA on regulatory matters before the FCC and U.S. Congress, including U.S. broadband policy, terrestrial use of mobile satellite service spectrum, and incentive auctions authority legislation.

Advised Sprint Nextel on spectrum policy and communications regulatory matters before the FCC and U.S. government agencies.

Assisted Vodafone and other communications clients in securing FCC approval of spectrum licenses.

Advised several transportation sector members on FCC and other communications policy matters, including the New York City subway system and a number of commuter railroad systems.

Advised CTIA, the California Cable and Telecommunications Association, and other telecommunications associations on spectrum policy and communications regulatory matters before the FCC and U.S. government agencies.

Represented multiple organizations on communications regulatory matters before the FCC and U.S. government agencies, including American Automobile Association and Vehicle Infrastructure Integration Consortium.

Latest thinking and events

Sponsorships and Speaking Engagements

NSMA September Webinar - Satellite Mega-Constellations

Hogan Lovells Publications

Webinar summary: Artificial Intelligence – Getting to grips with basics and legal implications

LimeGreen IP News

Hogan Lovells Publications

Why the Internet of Things and artificial intelligence will reinvent network connectivity

Hogan Lovells Publications

Focused on 5G: Wireless telecommunications bureau chief Don Stockdale delivers keynote address on top issues before the FCC

Hogan Lovells Publications

Companies today need to routinely assess their wireless network connectivity options related to their products and overall operations

Blog Post

Spectrum Powering the Internet of Things