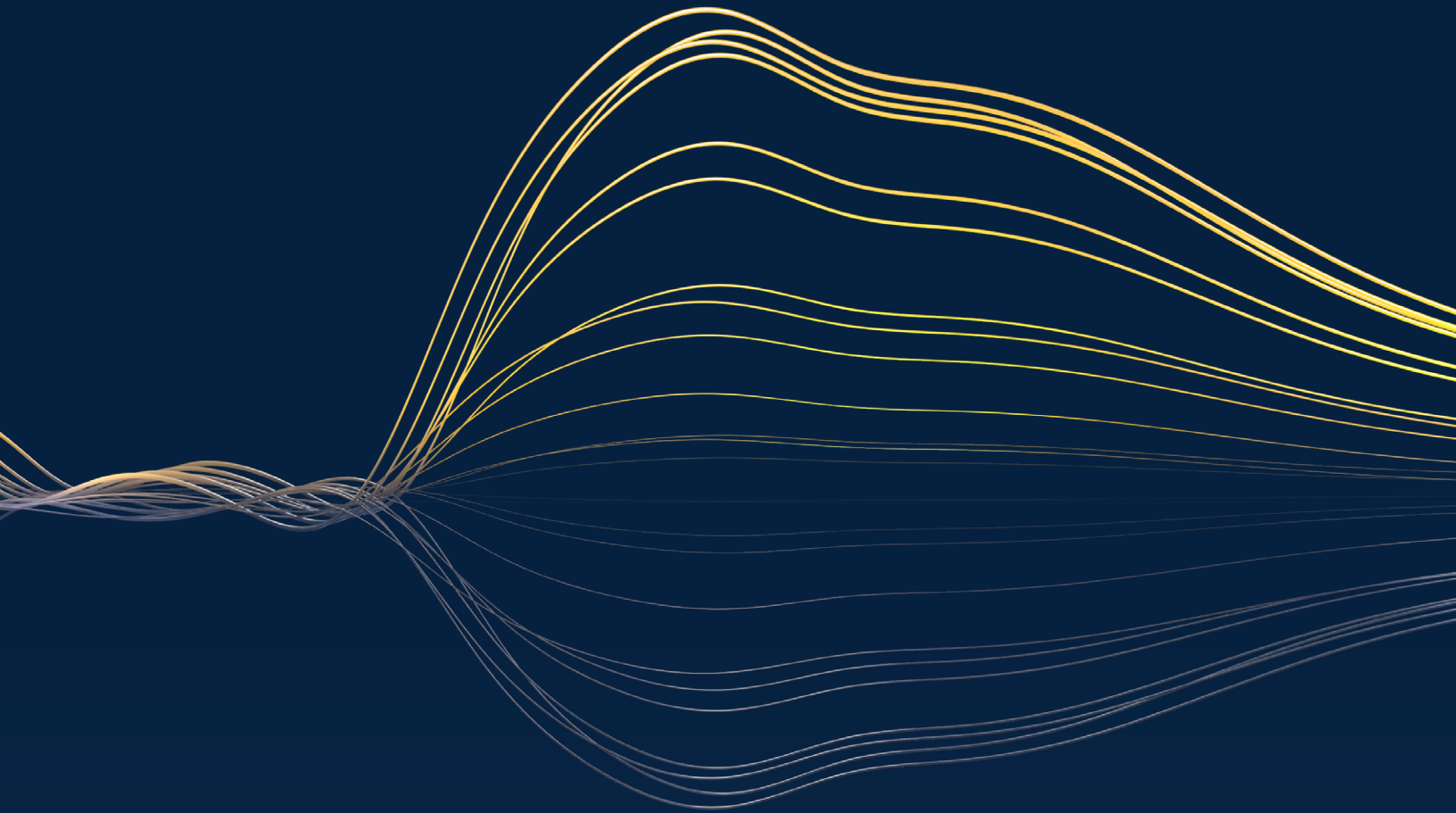


AN OVERVIEW OF OUR PRACTICE

Space and Satellites







Space and Satellites

The deployment and operation of increasingly sophisticated spacecraft and satellite networks require an experienced team of advisors capable of navigating the myriad of legal and regulatory hurdles often placed in front of innovators. DLA Piper has the necessary experience, knowledge and geographic coverage to provide cost-effective solutions that are critical to the success of space and satellite businesses around the world.

The DLA Piper advantage

CAPABILITIES

DLA Piper has one of the world's leading satellite practices and is currently engaged in multiple satellite projects spanning more than 70 countries. We help operators acquire the necessary regulatory authorizations from administrations around the world while also drafting and negotiating business agreements for satellite services, satellite gateways and user terminals. Our team has strong technical backgrounds and is knowledgeable in radio spectrum allocations for space stations, earth stations and user devices including homologation requirements. In short, DLA Piper has the experience and capabilities to handle the legal, technical and regulatory challenges that can arise with the establishment of new space and satellite services.

Our core areas include:

- **Spectrum allocations.** Our team includes engineers who understand and participate in the allocation of radio spectrum for satellite services across a variety of countries. We regularly advise operators on the spectrum homes available for new services globally, regionally and on a country-by-country basis.



Within the next 20 years, most global companies will be considered a space company in some regard because they will have space assets.

- **Securing spectrum regulatory authorizations.** We provide spectrum regulatory advice, filing and coordination for some of the largest satellite networks in the world including independent due diligence assessments of the regulatory and technical aspects of satellite platforms, operations and procurement contracts for systems.
- **Securing US satellite imaging authorizations.** We assist satellite imaging clients in navigating the US regulatory licensing and compliance processes established by the National Oceanic and Atmospheric Administration (NOAA) Commercial Remote Sensing Regulatory Affairs office.
- **User terminals/devices.** We advise on the regulatory requirements for deploying user terminals and earth stations. Our experience conducting surveys of these requirements for dozens of countries around the world enables us to systemize our approach and establish timelines for receiving approvals on a cost-effective basis.
- **Commercial requirements.** We draft and negotiate business agreements for satellite services, satellite gateways, transponders and user terminals.
- **Multilateral negotiation of coordination agreements.** Working with our team of advisors, we can lead negotiations with other operators, commercial and government, on coordinating spectrum access and orbital slots for GSO, MSS, FSS and EESS systems consistent with international and local requirements.
- **Supporting innovative missions.** The DLA Piper team understands that many new space systems and services are no longer easily defined and do not fit neatly within traditional regulatory and commercial frameworks. Such innovative missions could involve mission extension, Internet-of-Things, radiofrequency sensing and geolocation, orbital debris removal, weather forecasting, on-orbit inspection, non-Earth imaging, commercial Positioning, Navigation, and Timing (PNT), and on-orbit transportation. We work with key government stakeholders, including



the Federal Communications Commission (FCC), the Federal Aviation Administration (FAA), NOAA, the Department of State, and the Department of Commerce, to identify legal and technical solutions that would facilitate such innovative missions.

Several members of our team have served in senior roles in or on federal advisory committees to organizations including the International Telecommunications Satellite Organization (ITSO), NOAA, the National Telecommunications and Information Administration (NTIA) and the FCC. We have also worked extensively with the International Telecommunication Union (ITU) and have participated in World Radiocommunication Conferences that affect the shared use of radio spectrum for both terrestrial and satellite-based services.

CONSULTANTS

DLA Piper has a strategic alliance with The Cohen Group, a business consulting firm, to help clients identify and achieve global business and strategic opportunities.

The Cohen Group assists IT firms, telecom firms and investors in the satellite sector on public policy, business development and transactions. When needed, we utilize The Cohen Group for strategy and political advice in establishing service around the world. The Cohen Group provides initial strategic advice and guidance to our clients as a courtesy and can also be retained to lead more substantive projects as needed.

DLA Piper's US-based lawyers also have a teaming agreement with a satellite consulting group that works with the firm on an integrated basis. The group has extensive experience in satellite registrations and has assisted us in obtaining numerous satellite registrations in recent years. We work seamlessly with them to provide efficient and effective services for our clients at rates well below those charged by most law firms while protecting your confidential information through our attorney-client privilege. Our collaboration allows us to deliver additional capabilities and expand our geographic coverage to a combined five continents and more than 200 countries.

ENGINEERING CAPABILITIES

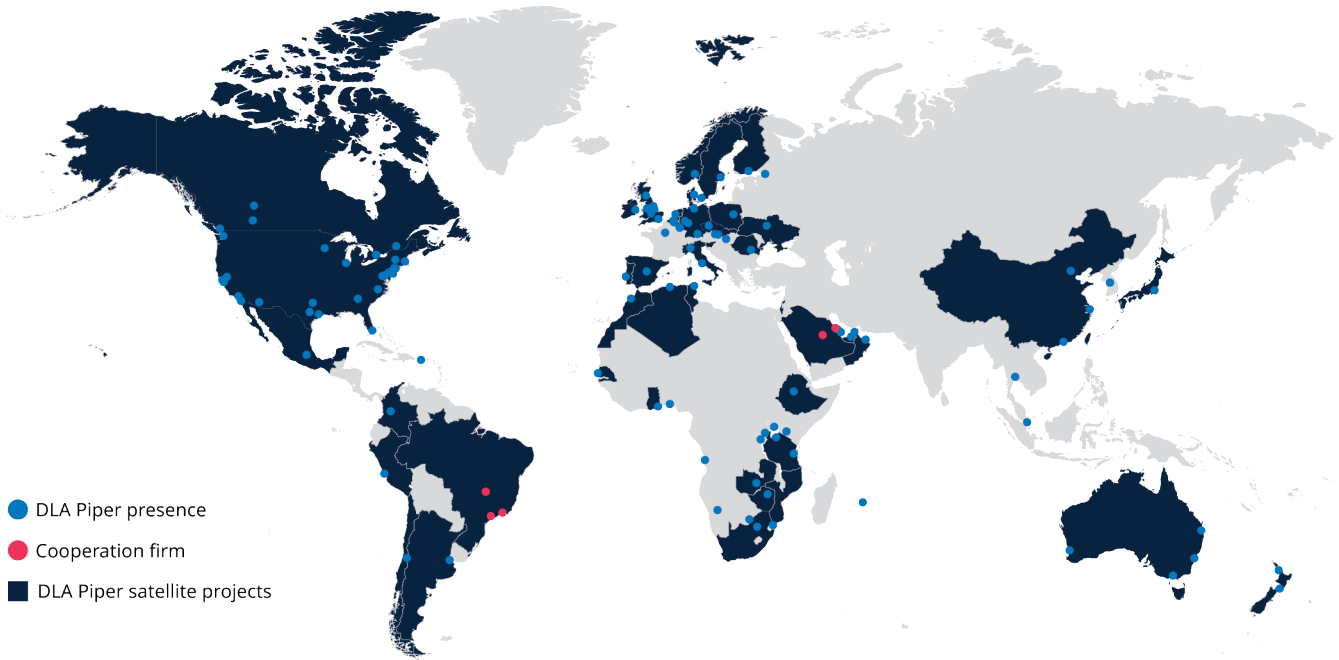
The Telecom group includes engineers who focus on spectrum issues including coordination, interference and authorization questions. Our team’s consulting group has deep engineering and analytical knowledge suited for ITU and satellite system coordination/priority issues. This equips us with the fully integrated technical capabilities necessary to meet client needs.

INNOVATIVE FEE ARRANGEMENTS

We provide practical and relevant advice to assist our clients with their short- and long-term legal and business objectives in a timely and cost-effective manner. Alternative fee options are as varied as the types of services offered by the firm and include fixed fees, discounted hourly rates and shared risk and success provisions.

GEOGRAPHIC COVERAGE

DLA Piper has represented some of world’s largest satellite companies as well as small startups in key markets across the world. In fact, the firm has been actively engaged in satellite projects in the countries listed below. As a result of this work, we have developed a database for the basic regulatory framework for each of the countries listed below and we have a deep understanding of how the relevant authorities view the establishment of new services within these jurisdictions.



DLA Piper has been engaged in satellite projects in the countries listed below.

Algeria	Colombia	Israel	Norway	Saudi Arabia	Tanzania
Argentina	Czech Republic	Italy	Oman	Senegal	Tunisia
Australia	Denmark	Japan	Peru	Singapore	UAE
Belgium	Ethiopia	Mexico	Poland	Slovakia	UK
Brazil	Finland	Morocco	Portugal	Slovenia	Ukraine
Canada	Germany	Mozambique	Qatar	South Africa	US
Chile	Ghana	Netherlands	Romania	Spain	Zambia
China	Ireland	New Zealand	Rwanda	Sweden	Zimbabwe



About us

DLA Piper is a global law firm with lawyers located in more than 40 countries throughout the Americas, Europe, the Middle East, Africa and Asia Pacific, positioning us to help clients with their legal needs around the world.

For more information

To learn more about DLA Piper, visit dlapiper.com or contact:

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