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A COMPLIANCE GUIDE FOR SATELLITE NETWORK OPERATORS WHO PLAN TO CONDUCT
BUSINESS IN CHINA.

Abstract

In 2020, SpaceX, OneWeb and other companies are leading the construction of the Network constellation. Although it takes some time for these constellations to be used in large-scale commercial applications, For satellite Network operators, obtaining an operating license is as important as achieving technical goals. As the laws and regulations on telecommunication qualification authorization, radio equipment certification and data protection vary from country to country, operators of satellite Network need to conduct compliance reviews on the countries that plan to conduct business in accordance with the characteristics of their own satellite Network products. Factors such as huge land area, huge population size, and complex terrain are expected to create a huge satellite Network market in China. This paper will analyze and classify the satellite Network products related to China in accordance with the laws and regulations currently in force in mainland China. This paper mainly examines whether these satellite networks provide services to customers in China, whether satellite networks collect, transmit, store data in China, whether satellite networks use satellite ground stations in China, whether product terminals communicate directly with satellites, and whether data needs to exit or leave the country. This paper focus on Regulations of the People's Republic of China on the Management of Radio Operation, Administrative Provisions on the Establishment of Satellite Communication Networks as Well as the Setup and Use of Earth Stations, Telecommunication Regulation of the People's Republic of China and other related regulations, etc. By analyzing business models and related laws, give a concise compliance guide for satellite network operators who plan to conduct business in China. Finally, this paper will analyze the legislative trends of laws and regulations related to satellite network and policy trends, as well as the changes and opportunities that may be brought to satellite network compliance.