

Weifang Taxi Intelligent Dispatching Management Platform

Weifang Transportation Bureau

In order to strengthen the taxi management in our city, combining with the original information technology achievements, guided by reform and innovation, Weifang Transportation Bureau focused on the difficulties and pain points in taxi management, made precise measures and efforts to upgrade and put into use the taxi intelligent dispatching management platform by the end of December 2020 based on previous construction. Now, the platform has a full coverage of 2,262 taxis and more than 4,000 employees in the main urban area of Weifang, realizing the seamless supervision of taxi vehicles and employees. In this way, the local taxi operation is standardized, ensuring the personal and property safety of taxi drivers and passengers. At the same time, it also realizes the data interconnection with the municipal public security bureau, emergency management bureau, big data bureau and other departments, and improves the platform's ability to respond quickly and deal with emergencies scientifically.

I Precise Implementation of Policies, Innovative Models and Precise Efforts

The franchise of taxi roof advertising shall be transferred in the mode of property rights transaction, and the transfer income shall be turned over to the municipal finance in full. It is estimated that the revenue of 8-year roof advertising franchise is about 18-20 million yuan, and the construction cost of taxi vehicle-mounted information management system was included in the 2020 department budget of the Municipal Transportation Bureau, with a total project investment of about 20 million yuan, and the construction of taxi vehicle-mounted information management system will be completed through the municipal financial application.

II Improving the Quality of Supervision Services by Real-time Intelligent Management & Control and Innovation

The platform realizes the function of real-time dispatching and monitoring of taxis. Through the docking of vehicle GPS and video surveillance data, it can grasp the traveling track of vehicles, conditions outside and inside vehicles in real time, achieve seamless comprehensive control, and provide effective solutions for ensuring service quality, solving disputes between drivers and passengers, and finding lost property of passengers; through the connection with the taximeter, the comprehensive statistics of taxi operation data are realized, including time-period operation data, daily operation data statistics, monthly data statistics, etc., and the comprehensive grasp of taxi market operation is realized. Through the hot spot analysis function of the platform, the mobilization and dispatch of taxi vehicles can be realized, playing an effective role in promoting the evacuation of stranded people in crowded areas. The

functions of face recognition and dynamic post inspection of the platform ensure that all drivers are on duty legally, eliminate the occurrence of irregularities such as undocumented work and random shift replacement, and protect the legitimate rights and interests of passengers and the safety of life and property while strengthening industry supervision.

III Providing Convenience for the People, Relieving their Worries and Enhancing the Level of Service for the People by Innovation

In view of the difficulty in finding lost items in taxis, relying on the platform of taxi information dispatch management system, Weifang Transportation Bureau carries out free item finding service, which only needs to provide the approximate riding time and the place of getting on and off, the target taxi can be locked, positioned and asked, by which the lost item can be found, thus solving the trouble of "careless" for the public to travel. Since 2021, it has searched for more than 80 lost items in taxis for citizens, with a value of more than 600,000 yuan. Real-time video surveillance system and powerful video storage function keep positive linkage with public security organs, providing another sharp weapon for public security organs to crack down on illegal crimes and solve cases. In the first half of 2021, more than 50 clues were provided for public security organs to solve cases worth more than 6 million yuan.

Since 2021, the Municipal Transportation Bureau has resolutely implemented the guiding spirit of the work promotion meeting of "learning the history of the Party, strengthening the Party spirit, changing the style of work, and doing practical things for the masses". Guided by reform and innovation, the Municipal Transportation Bureau faces up to the complicated practical work by making an efforts to solve problems and contradictions, and insists on focusing on the general situation, starting from the details and overcoming the difficulties, so as to transform the "top-level design" of reform and innovation into a lively and comfortable practice of transportation reform, which is beneficial to enterprises and people, and fully unblocks the "main artery" of transportation service and provides a solid and powerful transportation support for the high-quality urban construction.