



CASE STUDY

Taxi GPS Tracking for the Thailand Government

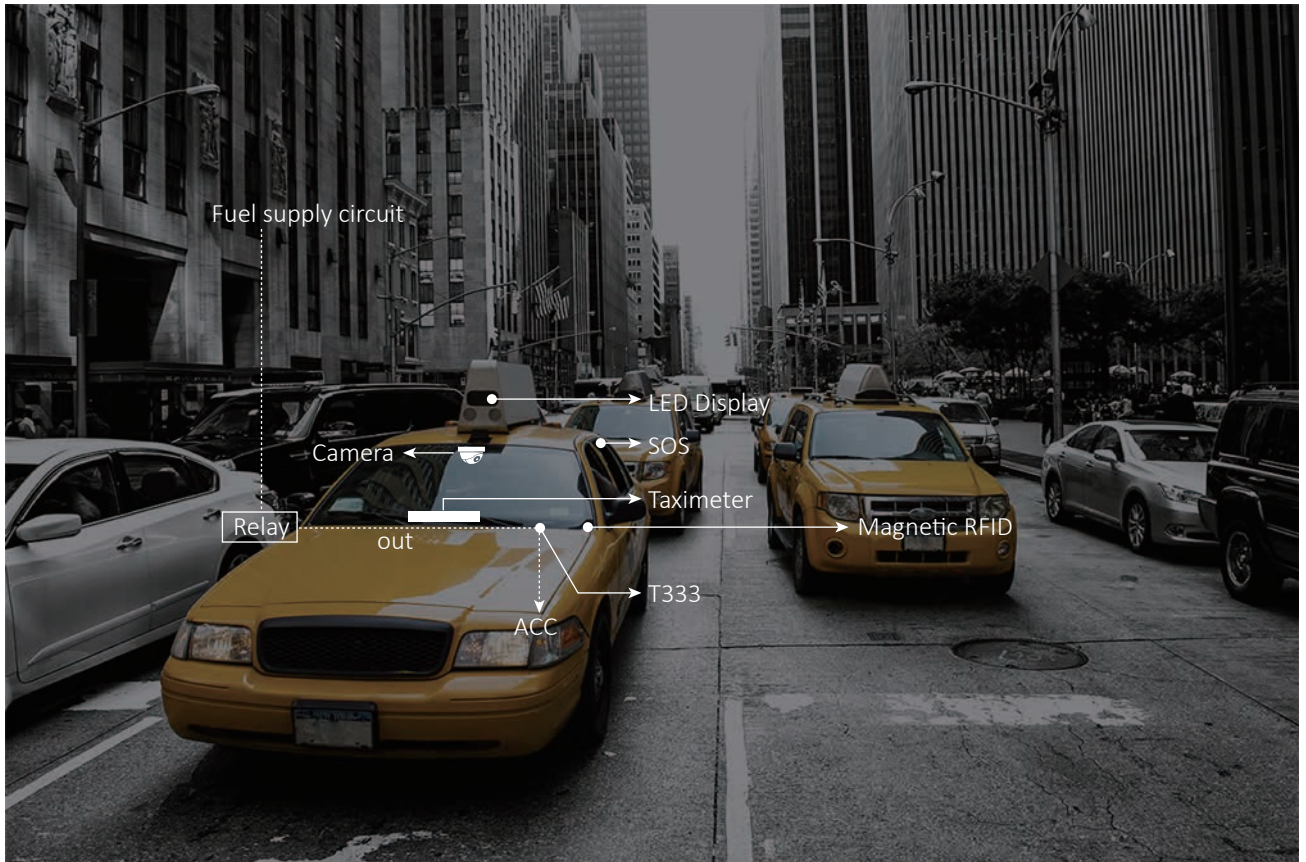
Product Model: T333 tracker | Region: Thailand | Date: 2017

Meitrack introduces the taxi GPS tracking solution to the Thailand government in order to enhance the safety of drivers, passengers, and property, improve the quality of Thailand taxi service, and increase operational efficiency of the taxi industry. Each taxi driver is assigned with a unique RFID card. Before driving in prescribed taxi service areas, an authorized taxi driver must swipe his card, and then the magnetic card reader will identify the driver and capture the time and location. If an invalid RFID card is detected, the driver will not be allowed to start the engine, and the buzzer will produce buzzing sounds as warning signals. This helps prevent the unauthorized use of taxis and protect taxis from being stolen. When no passenger gets in a taxi, the current trip status is updated to "Empty" which is shown on the LED display. Once a passenger gets in the taxi, the current trip status will be updated to "Full Load", and the taximeter installed in the taxi starts to calculate passenger fares based on a combination of distance travelled and waiting time. In the meantime, the camera mounted will take photos of the passenger and driver and record everything that happens in the taxi. All the information, including photos and when and where the passenger gets in and gets out of the taxi, will be reported to the Thailand government's server, which ensures safe and fair driving and controls and prevents fraud. If bad driving behaviors, such as speeding, harsh acceleration, harsh braking, idling overtime, or driver fatigue, are detected during the trip, the buzzer will make sounds to remind the driver to stay safe on the road. These bad driving behaviors will be uploaded to the government's platform, and then the government monitoring center can take effective measures to encourage drivers to act safer behind the wheel. If an emergency happens, the passenger can press the SOS button to ask for help. Then the camera will monitor the taxi at all times, and the exact location of the taxi and everything that happens in the taxi will be sent to the Thailand government's server. Once receiving the emergency alert, the government monitoring center will remotely cut off the engine to prevent the taxi from moving, and dispatch the closest police unit to the assigned area, thus ensuring the safety of passengers and property.

Key Benefits:

- Ensure the safety of passengers, drivers and property
- Improve driver behaviors, and control and prevent fraud
- Track taxis and drivers anytime and anywhere
- Increase operational efficiency

Solution:



About Meitrack:

Meitrack Group established in 2002, is headquartered in Shenzhen, China. Since its foundation, Meitrack has dedicated itself to the on-going pursuit for excellence in the Telematics field. In doing so, Meitrack has grown to become a leading Telematics and solutions provider. Aiming at sound and stable development and adhering to the strategy of "going global", we have a global reach with offices in California, Hong Kong and Taiwan, a growing international distribution network, and capability to deliver services in more than 170 countries and regions worldwide.