



CASE STUDY

GPS Fleet Tracking for Concrete Mixer Trucks

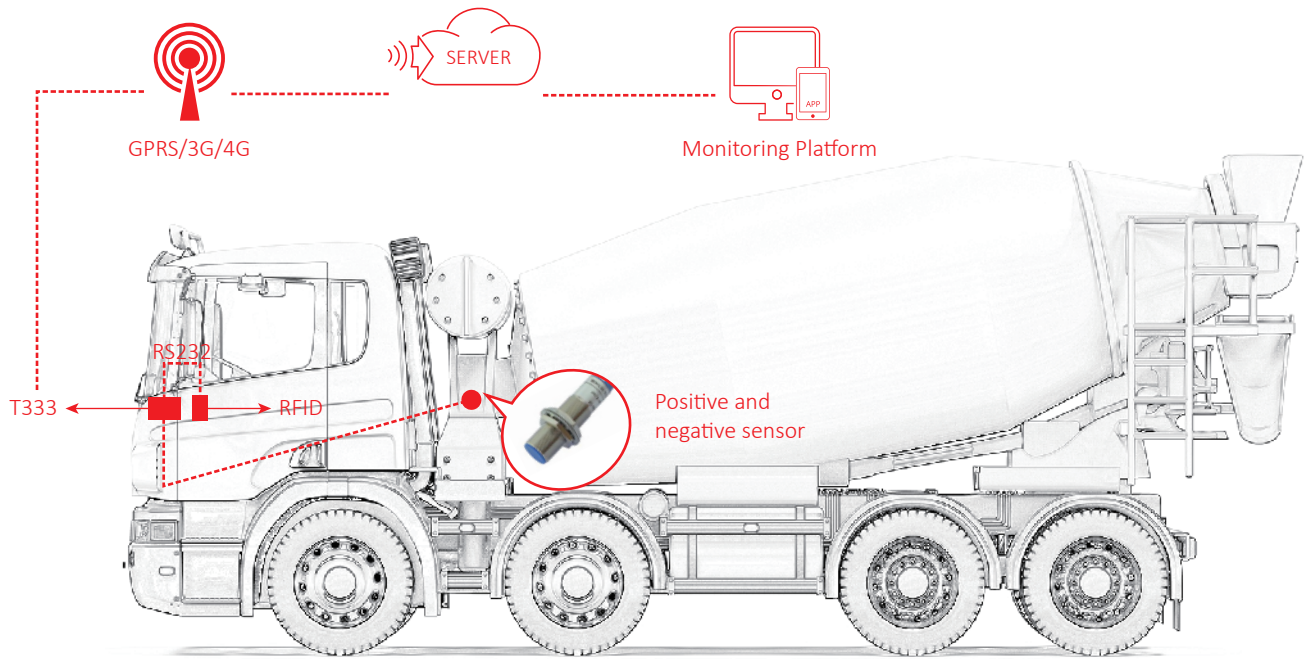
Product Model: T333 tracker | Region: Thailand | Date: 2017

With the installation of Meitrack GPS fleet tracking system inside concrete mixer trucks, only authorized drivers are allowed to drive the concrete mixer trucks, and fleet managers can monitor the whole concrete delivery process, including ignition on, ignition off, arrival at the concrete plant, loading the concrete, agitating the concrete while traveling, arrival at designated areas, unloading the concrete, and leaving construction sites. This helps prevent drivers from using the company's trucks for personal business and guard against concrete theft. In addition, fleet managers can know concrete mixer trucks' location, speed and direction at all times, and dispatch vehicles in real time. After drivers swipe cards, the magnetic card reader identifies the drivers and captures the working hours and location information. In some specific areas, if drivers are driving over the speed limit, an audible alert will be pushed to remind them. Once receiving work tasks from customers, fleet managers can effectively dispatch concrete mixer trucks and find the most efficient route for each truck to avoid sending two or more trucks to one area. Meanwhile, fleet managers can inform customers when concrete mixer trucks arrive at and leave the concrete plant, and give customers accurate estimated time of arrival and real-time delivery status updates. During the transportation, the forward and reverse sensor connected to the rotating drum will detect the rotation direction, speed, and status of the concrete mixer. Before concrete is delivered to construction sites, drivers must make sure that the drum always rotates clockwise to agitate the concrete while traveling, thus avoiding concrete hardening or segregation. If concrete is unloaded outside the designated construction site or drivers fail to comply with expected work procedures, an instant message will be pushed to fleet managers immediately. When something unexpected happens, drivers can communicate with the monitoring center via GPS, and the monitoring center can take immediate action to minimize the loss.

Key Benefits:

- Track concrete mixer trucks anytime and anywhere
- Monitor the concrete mixer status
- Improve delivery efficiency
- Reduce operating costs

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.