

REFRIGERATED TRUCK TEMPERATURE AND HUMIDITY WARNING SYSTEM

Refrigerated Truck Temperature and Humidity Warning System is a system that detects the temperature and humidity in the refrigerated compartment of trucks. Nowadays, there are a lot of products that are delivered by refrigerated trucks and they need to keep products at a suitable temperature. For example, these are vegetables, fruits, and other fresh products. Because the weather in Thailand is generally hot, to prevent product damage, we need to keep the temperature low in the refrigerated area of food transport until delivery is completed. In the refrigerated area, the temperature and humidity will differ during transport. To be able to prevent product damage, the sensors can alert the driver and can alert the staff at the office, who are responsible for the product. We provide real time monitoring of temperature and humidity by a web-based application and mobile application. We also provide real time location of trucks, and history of transportation on a web-based application.