FlashLink® BLE Inbound System

The FlashLink BLE Inbound System utilizes Bluetooth Low Energy technology to provide a temperature monitoring solution designed for suppliers delivering perishable food to supermarkets, restaurants, distribution centers, and warehouses. This solution is highly efficient in that it uses minimal power, connects and transfers information in milliseconds, and does not require device pairing. It is used effectively to verify temperature data at check points between departure and final delivery, last mile delivery and cross dock applications.

The Inbound System comprises FlashLink BLE Gateway and FlashLink BLE In-Transit Logger. The gateway is powered by either DC or POE (Power over Ethernet) and should be installed at the receiving dock. Upon arrival at the dock, the gateway detects the device signal, captures trip data (delivery location, temperature graph, table, date, time, and summary statistics) and automatically sends it to DeltaTrak's FlashTrak Cloud Services platform. Data can be received from up to 100 feet (or 30 meters) from the receiving dock. Users can access the data from any mobile device and share it with multiple stakeholders.

The FlashLink BLE In-Transit Logger is a single-use device which tracks environmental conditions inside vehicles during shipment. The BLE logger wirelessly transmits data by Bluetooth to the BLE gateway, without the need to retrieve the device. This Bluetooth Low Energy device does not require pairing, such as with standard Bluetooth devices.

The FlashLink BLE Inbound System is ideal for post trip analytics such as calculating dwell time, comparing data from previous trips, assessing routes and driver performance, and evaluating reefer equipment performance to help stakeholders make critical cold chain decisions and process improvements.

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