



TRAILER ID MANAGEMENT

Correct trailer coupling
traceability validation

→ Overview

Knowing which trailer is coupled to which truck is highly valuable information for every distribution logistics, providing certainty that cargo is on its way to the right destination.

The Trailer ID main functionality is to locate and identify the trailer coupled to the tractor in a fast and simple way, in order to obtain traceability and specific logistics for the trailers to avoid coupling errors and the unnecessary expenses these mistakes generate.

→ Problem

The incorrect trailer coupling to trucks and the unknown trailer inventory are common issues in large transport companies and represent a major problem at different levels that cause customers complaints and penalties, generating financial losses and reputational damages, therefore trailers have to be managed efficiently to remain competitive and profitable.

- Are we sure the trailer is coupled to the right tractor?
- Where is the trailer exactly parked in the yard?
- Which was the trailer's last known location?
- How many trailers are parked in the yard?

→ Solution

To meet this challenge and enable carriers to ensure control of trailers coupling to trucks, Didcom has developed a real time trailer identification management solution with Bluetooth Low Energy sensors.



Real-time information of location, date and time of coupling events and trailer ID verification to the tractor assigned in order to correct mistakes and avoid wrong destination cargo travels.

The trailer location is determined by the GO device connected to the tractor, so all the travel log recorded by the GPS will be assigned to the current coupled trailer.

The ID log records are obtained through Didcom BLEG and transmitted in real time through the GO device, which will send all the information to MyGeotab.

Timestamp	Record Value	Reason	Record Type
08/29/22 13:05:00	0 km/h	GPS Coordinates: 29.993795, -111.018883	GpsRecord
08/29/22 13:05:00	005012	Reason for the record: Peripheral device: trailer ID	EngineStatusRecord
08/29/22 13:05:00	80000000000000000000000000000000	Reason for the record: HidUnitRecordCreated	DebugRecord
08/29/22 13:05:00	0 km/h	GPS Coordinates: 29.993795, -111.018883	GpsRecord
08/29/22 13:05:00	01000000000000000000000000000000	Reason for the record: 4074	DebugRecord
08/29/22 13:05:00	0 km/h	GPS Coordinates: 29.993795, -111.018883	GpsRecord
08/29/22 13:05:05	0 km/h	GPS Coordinates: 29.993795, -111.018883	GpsRecord
08/29/22 13:05:05	47374240c450445f5449442d3130225312	String representation of binary data: GWBLEID_TID102512	CustomRecord
08/29/22 13:05:05	0 km/h	GPS Coordinates: 29.993795, -111.018883	GpsRecord

→ Benefits

Control and verify the correct trailer traceability and their truck coupling log to be managed efficiently to remain competitive and profitable.



Trailer-trucks couplings control



Avoiding expenses due to missassignments



Coupling incidents reduction



Key information for operational decision-making



Agile trailer location search



Prevention of expenses for customers claims

→ Features

- Fully integrated to **myGEOTAB** functionality
- Rules and notification settings and configuration
- 100% autonomous beacon with unique ID number
- Rugged and waterproof beacon designed for extreme conditions



- Up to 18 years autonomous battery operation
- Easy connection to Geotab GO via IOX
- Quick and easy installation