

Obtaining GPS data for a customer order

The screenshot shows a web interface for managing a customer order. The form is organized into several sections:

- Ready from:** Includes a checkbox for 'Fix', a date field 'DD.MM.YYYY', and two time fields '00:00'.
- Shipper:** Contains the name 'APE RACCORDERIE SRL' and a 'Contact' dropdown.
- Load:** Contains the name 'APE RACCORDERIE SRL' and a red '1' icon.
- Via:** Contains the address 'VIA SALVELLA 20-22' and a red '1' icon. A context menu is open over this field, showing 'Edit' and 'Get GPS' (with a red '2' icon).
- IT:** Contains a dropdown 'IT' and the value '25038'.
- City:** Contains the value 'ROVATO' and a location pin icon with the value '45.54966'.
- Phone:** An empty text field.
- Working hours:** A text field.
- Loading remarks:** A text area.
- Loading ref.:** A text field.
- Loading:** A dropdown menu with 'Loading' selected.

1. Benefits of Obtaining GPS Coordinates

Filling in the GPS coordinates field in logistics and transport systems provides several advantages that improve operational efficiency, transparency, and accuracy. Here are the main benefits of completing the GPS coordinates field:

2. Planning Accuracy

Precise locations can be viewed on the map, making logistics planning and route optimization easier.

3. Trip Route Tracking

The route is visible on the map in real time, helping monitor transport flow and ensuring that the vehicle follows the planned route.

4. Accurate Location Identification

GPS coordinates allow precise identification of the location where the driver must arrive, reducing misunderstandings and increasing delivery accuracy.

5. Automatic Time Recording

The system automatically records the time when the vehicle arrives at and leaves the loading/delivery address, helping improve operational tracking and analysis.

6. Cargo Status Tracking

Time and location data are integrated into cargo statuses, providing a complete overview of cargo movement and delivery status.

7. Automatic Status Changes

The system automatically changes the trip status when the vehicle approaches the loading or delivery address, speeding up the process and reducing manual actions.

8. Downtime Monitoring

GPS data makes it possible to track how long the vehicle stays at the loading or delivery address, helping identify and reduce unproductive downtime.

9. Driver Activity Monitoring

The system can verify whether the driver marks the cargo as loaded or delivered at the specified address by comparing it with the driver's actual location data.

10. Route Comparison

It is possible to compare the driver's planned route with the actual route traveled, helping identify deviations and opportunities for route optimization.

11. Customer Portal Functionality

Customers can view the vehicle's current location and route to the loading/delivery address in the portal, improving transparency and customer satisfaction.

12. These benefits help optimize logistics processes, improve delivery accuracy and efficiency, and provide greater transparency and customer satisfaction.

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