Planning: assigning compartmentalized trailers at load level

Planners can assign compartmentalized trailers at the load level. A single view lets them select compartments and distribute goods from all orders on the load in one flow. The counts are correct and the full load is visible before confirming.

Updated June 17, 2026

Summary

What — Planners can assign orders to specific compartments of a compartmentalized trailer at load level. A compartment-assignment view opens from the load. It displays the trailer's compartment layout and lets planners distribute goods across compartments via drag-and-drop or manual selection. Existing compartment assignments made at order level are migrated automatically.

Why — Compartmentalized trailers (for example, those used in temperature-controlled or tanker transport) require precise loading plans to comply with regulatory requirements and customer specifications. Performing compartment assignment at load level gives planners visibility of the full load when multiple orders share a trailer. This reduces loading errors and documentation discrepancies.

How — Planners open the load on the **Planning** board, access the compartment-assignment view, and drag or assign each order's goods to the correct compartment. The assignment is saved to the load and reflected on load documents.

Prerequisites

- User role: **Planner** or higher
- The trailer assigned to the load must be configured with compartments
- Compartmentalized trailer functionality must be enabled on the environment

Use cases

- A tanker operator distributes multiple product orders across a four-compartment trailer for a multi-drop load
- A temperature-controlled carrier assigns chilled and frozen orders to separate compartments on the same trailer
- A planner reviews the full compartment loading plan before confirming a load

Terminology

Term	Definition
Compartmentalized trailer	A trailer divided into separate sealed sections, each capable of holding different goods
Compartment assignment	The allocation of a specific order's goods to one or more trailer compartments on a load
Drag-and-drop	A UI interaction that moves a goods item from an unassigned state into a target compartment
Data migration	The automatic transfer of order-level compartment assignments to the new load-level model

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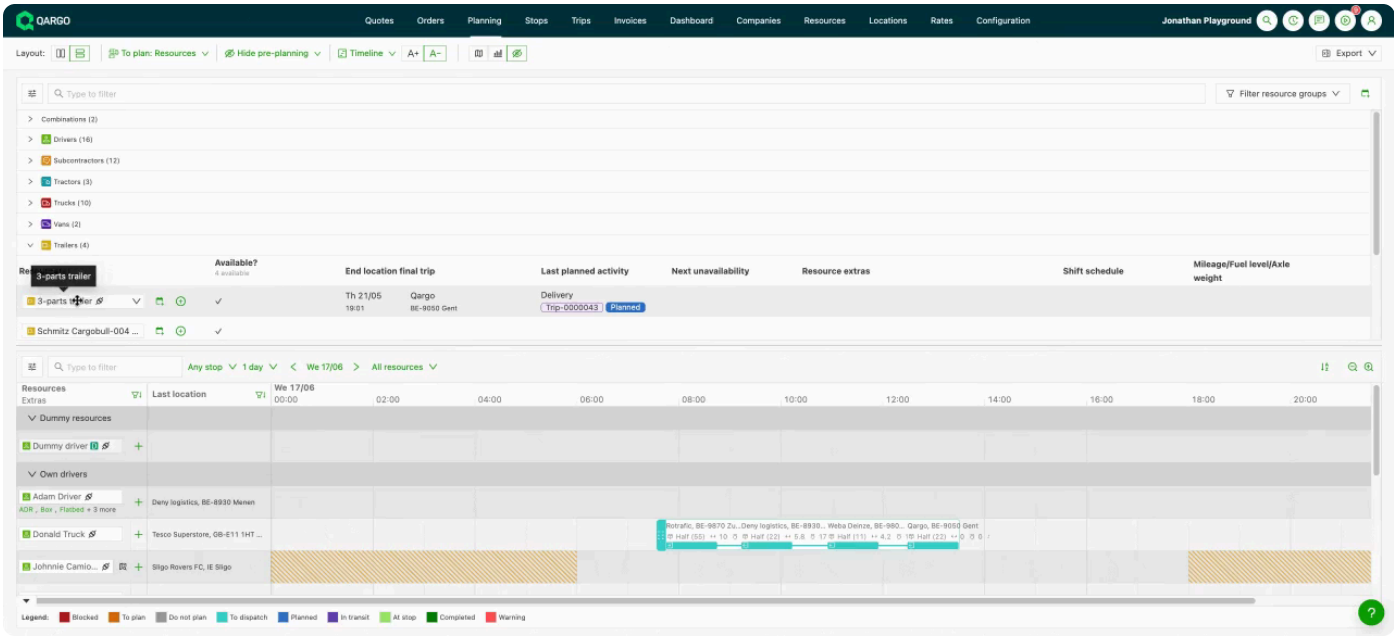
Adding trailers to loads

🎥 Watch this video and/or follow the steps below:

▶ https://watchclueso.com/embed/b0n2nrulw5t7en09

📚 Before assigning orders to compartments, a compartmentalized trailer must be added to the load.

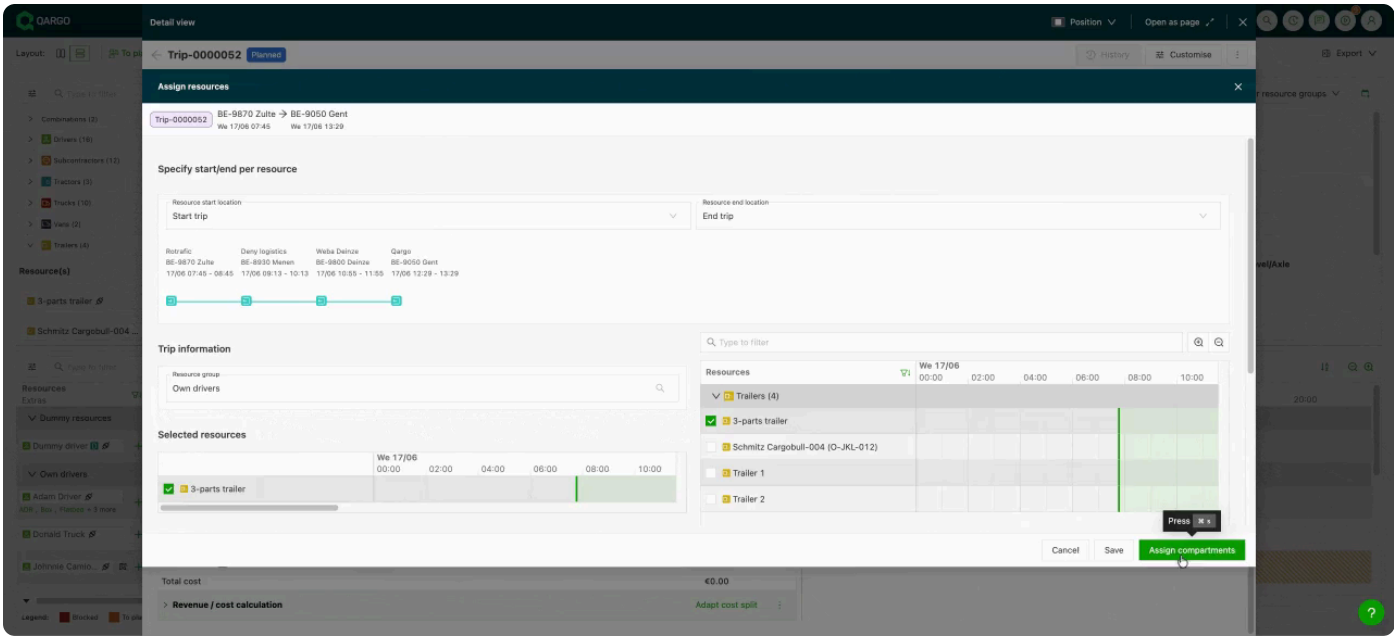
1. **Navigate** to the Planning board.
2. **Assign** the compartmentalized trailer. This can be done in two ways:
    1. **Drag the trailer** directly onto the desired load.
    2. **Open the load** and navigate to the trailers section in the Route tab.



🧰 The trailer must consist of several compartments. This is configured in **Resources > Vehicles > Trailer > Compartments**.

Assigning orders to compartments

1. **Click** the **Assign compartments** button on the load.
2. **Review** the trailer compartment layout displayed in the modal.
3. **Check the boxes** to add the right items to the compartments
4. **Save** the compartment assignment.



The loading plan is then successfully saved to the load. The resource overview now displays how goods are distributed across the different trailer compartments.
To make further changes, simply repeat the above steps and save again.

🧰 Compartment assignments previously made at order level have been automatically migrated to the load-level model. No manual re-entry is required.

Troubleshooting

Symptom	Likely cause/resolution
Compartment-assignment icon is not visible on the load	**Trailer has no compartments configured.**\
Add compartments to the trailer in **Master data > Resources**	
Goods item cannot be dragged to a compartment	**Compartment capacity is exceeded.**\
Adjust the compartment capacity in master data or reassign goods to another compartment	
Data migration note shows missing assignments	**Order-level assignment was incomplete before migration.**\
Manually assign the remaining goods to compartments	