Integrations – Samsara

The integration supports live position tracking, basic temperature monitoring, mobile app linking, and dispatch and stop status synchronization.

Updated July 16, 2026

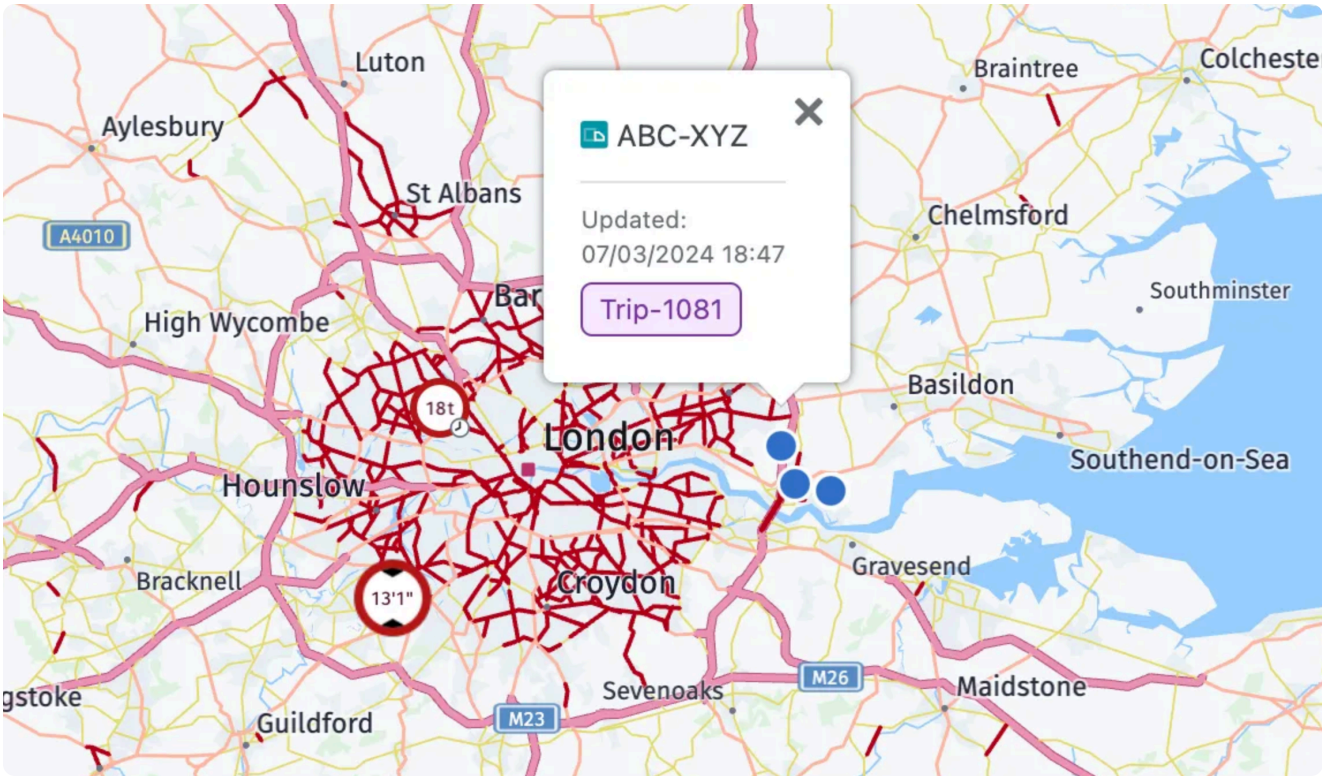
Samsara provides a range of fleet management solutions. Within Qargo, Samsara can be used as an integrated telematics solution.

Summary table of supported functions

Function	Supported	Notes
Position tracking	Yes	Live truck and/or trailer locations in Qargo
Mobile app linking	Yes	Qargo ↔ Samsara driver mobile app
Temperature monitoring	Yes	Monitoring only, not configuration
Fuel level (%)	Yes	Monitoring only
Mileage	Yes	Monitoring only
FMS dispatch/sync*****\		
Extra permissions from Samsara required.	Yes	Route dispatch, stop status sync, templating, address/geofence mapping
Question paths on dispatch.	Yes	Sync driver responses on stop activity

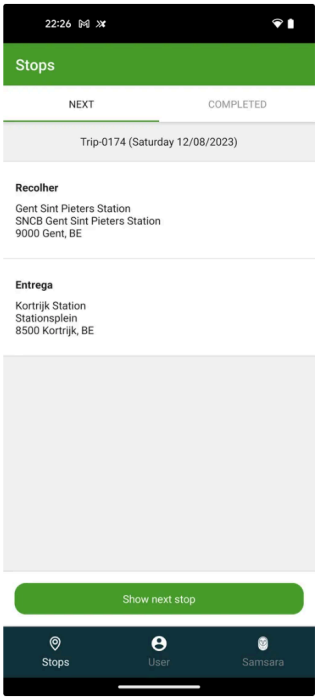
Position tracking:

- The primary function of the Samsara integration is real-time position tracking of resources, including trailers.
    - View the live location and last reported position of trucks and trailers in the Qargo planning interface. This improves fleet visibility and operational oversight.

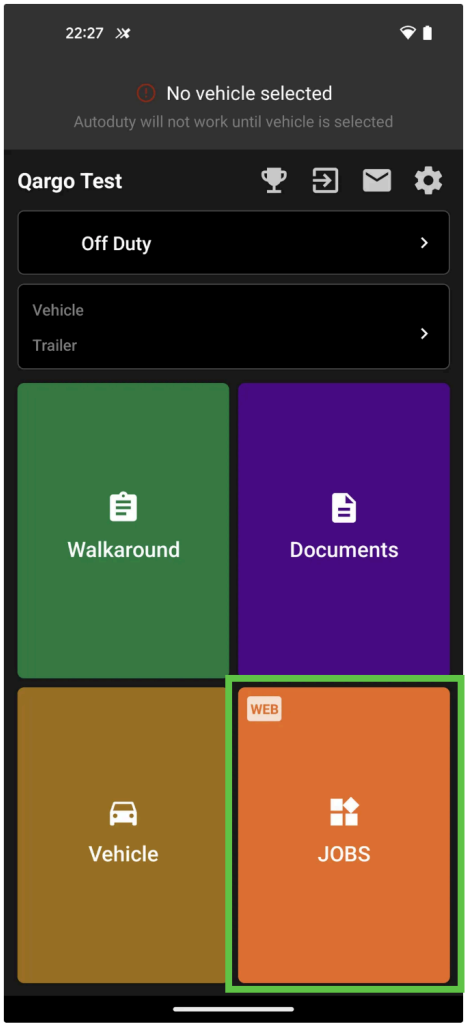


Mobile app linking:

- The integration supports linking between the Samsara driver mobile app and the Qargo driver mobile app. Drivers can switch seamlessly between the two applications. This supports workflows that span both platforms.
    - This feature must be configured on both the Qargo side and the Samsara side. Link to Qargo from *'Jobs'* in the Samsara driver mobile app.



Qargo app links to Samsara (bottom right)



Samsara app links to Qargo (via “Jobs”, bottom right)

Temperature monitoring

- Temperature monitoring for trailers is supported in a read-only capacity. Turn on the permission in the integration setup.
    - Display temperature data from Samsara sensors. This is particularly useful for refrigerated transport.
    - Temperature sensors and advanced temperature management features must be configured directly in Samsara.
    - Accessing this data requires additional API permissions, specifically “Write Sensors” and “Read Trailers”

FMS dispatch and stop status sync

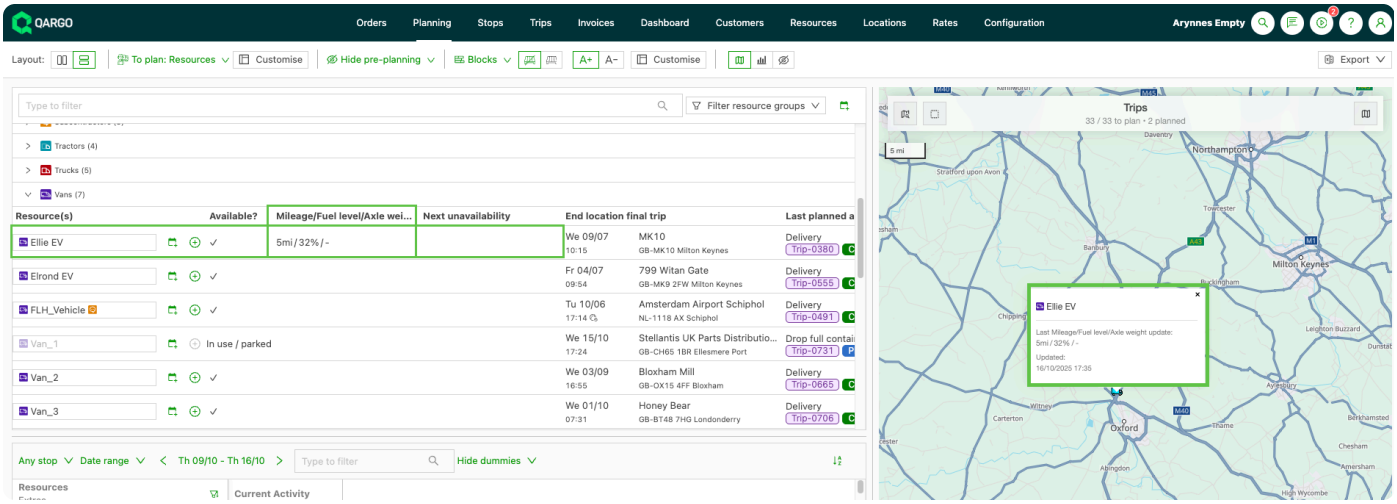
- The integration creates, updates and deletes routes, and polls route feeds for status updates. It maps Qargo load and stop IDs to Samsara external IDs for robust synchronization
    - Dispatch loads/routes directly from Qargo to Samsara.
    - Automatically synchronize stop statuses (such as arrivals, departures and completions) from Samsara back to Qargo.
    - Use templates for route and stop names/notes, and manage address/geofence data for stops.
    - Use polling to keep Qargo updated with stop and route changes from Samsara, including various stop state transitions (scheduled, en route, arrived, departed, skipped, etc.).

Fuel level (%)

- Fuel level monitoring is supported in a read-only capacity.
    - Display fuel level data from Samsara, provided that values are available for the asset.
    - Once the integration is enabled and the vehicles are linked, Qargo can retrieve telemetry for the resource using the Samsara ID
    - Where available, the data is displayed on the planning board

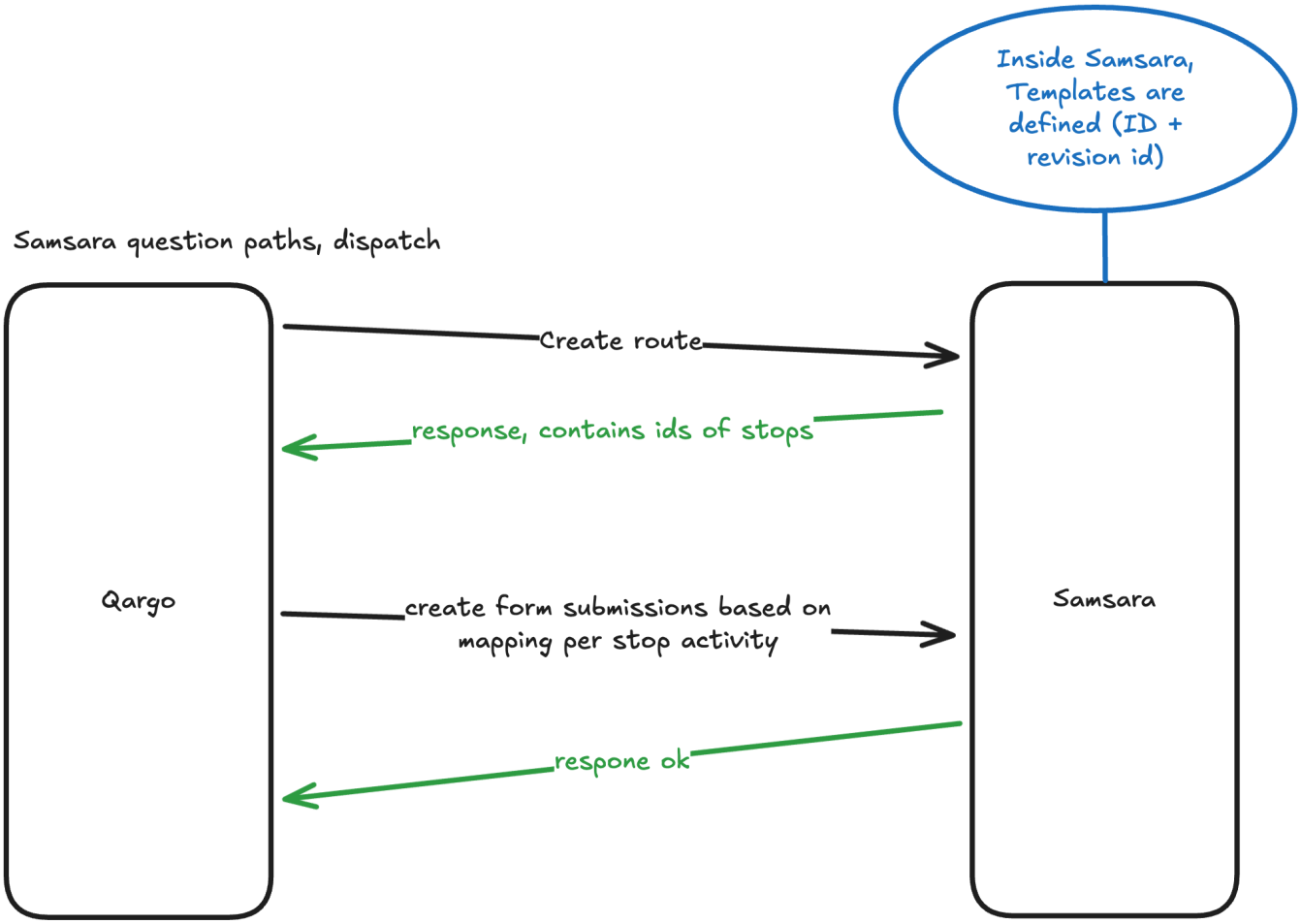
Mileage

- Mileage monitoring is supported in a read-only capacity.
    - Displays mileage data from Samsara, provided that values are available for the asset.
    - Separately from the live telemetry, it is possible to store ‘actual distance’ on loads and to enter mileage manually at a stop if needed.
        - This data is not transferred back to Samsara.



Dispatch question paths (Qargo Admin only)

- Question paths can be created in the Samsara platform and then mapped back to Qargo.
- Template forms are created in the Samsara platform and mapped to the Samsara integration in Qargo (by Qargo Admin only)
- On dispatch, forms with the stop details that the driver must capture are sent to the Samsara device.
- As the driver completes the stop details, the information is synced back into Qargo.



Key benefits {#h_e7cfcb3c25}

- **Less manual data entry:** Driver responses flow directly into Qargo workflows without manual input.
- **Better operational accuracy:** Question paths reflect the exact set of tasks and data collection steps required at each stop.
- **Improved compliance and documentation:** Form submissions ensure that required checks and validations are completed consistently across all route activities.
- **More reliable integration:** Stable field IDs and automated mapping reduce the risk of misalignment between systems.

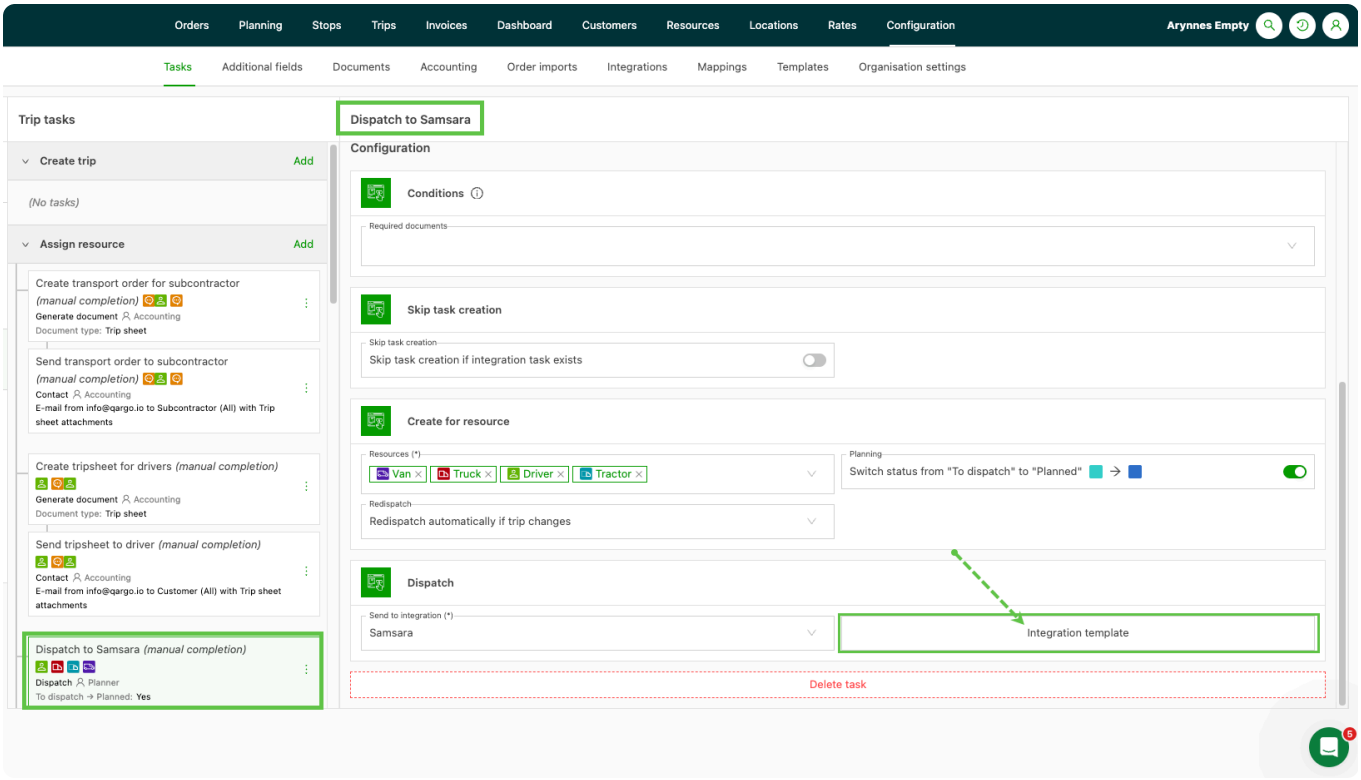
Configuration

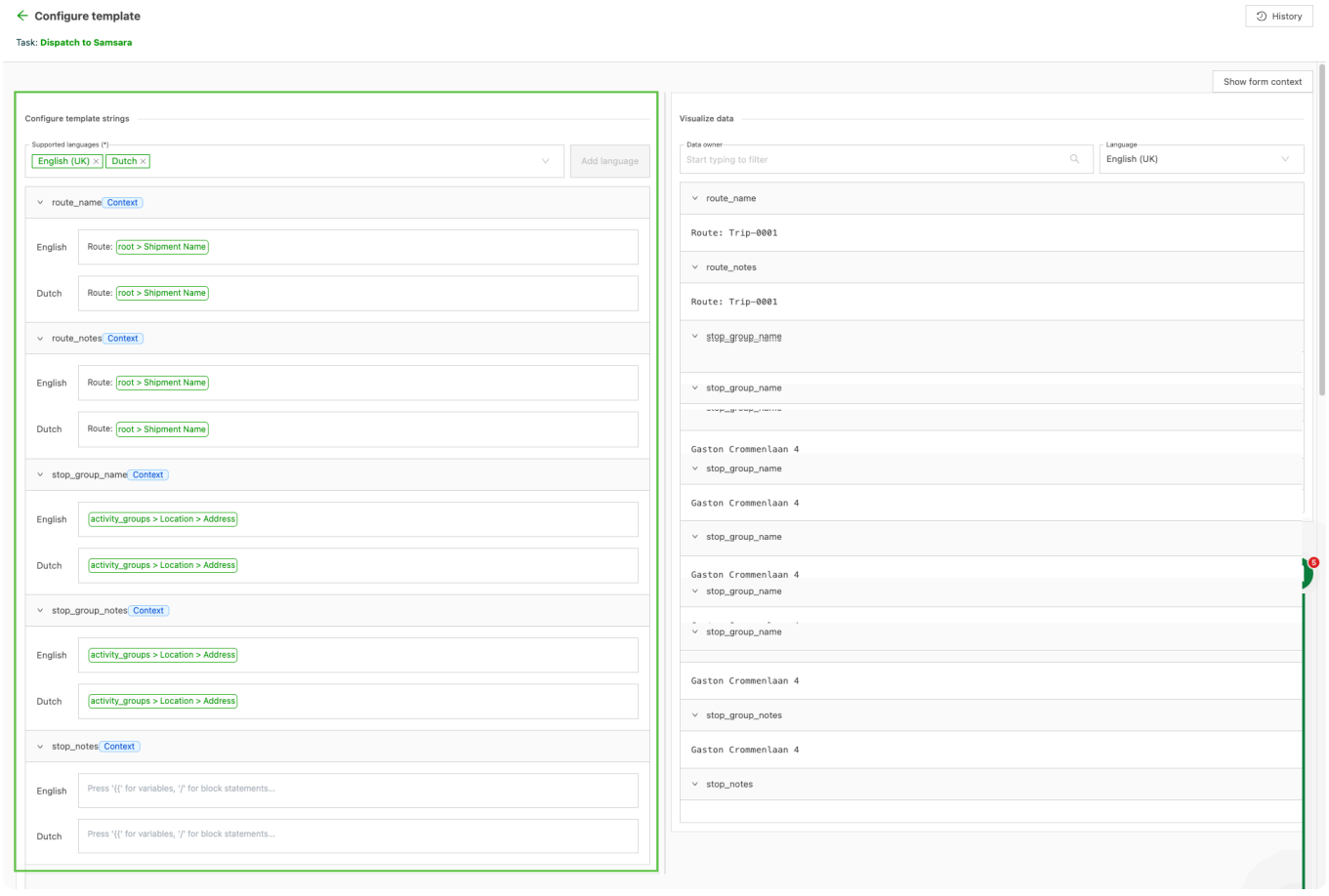
🧰 Integration setups must be configured by **Qargo Admin**. Contact the Qargo Integrations Delivery Manager for assistance.

FAQ

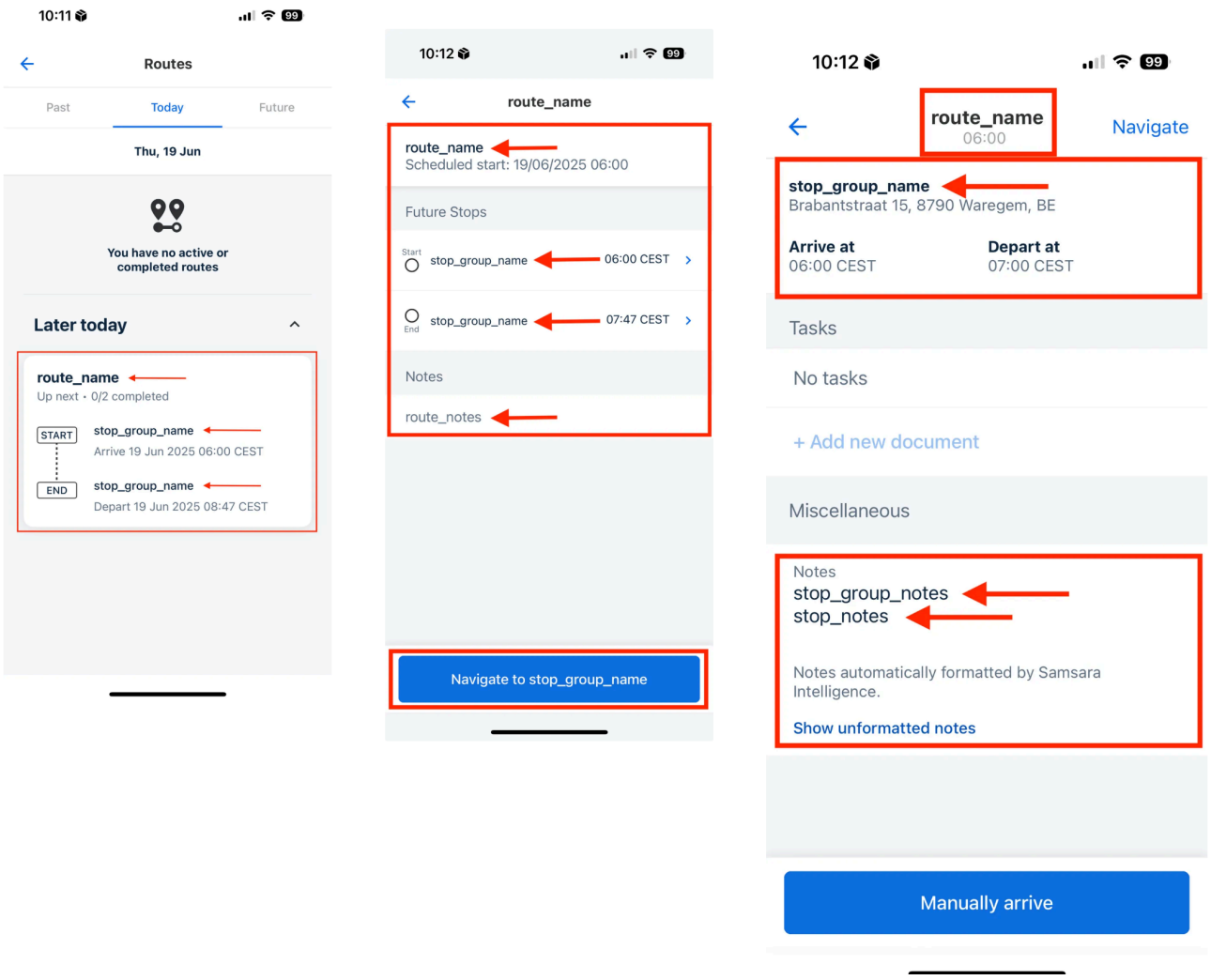
Adjusting the dispatch information sent to the driver's OBC:

- The template can be adjusted if required (by Qargo Admin only)


Orders
Planning
Stops
Trips
Invoices
Dashboard
Customers
Resources
Locations
Rates
Configuration
Arynnes Empty
Tasks
Additional fields
Documents
Accounting
Order imports
Integrations
Mappings
Templates
Organisation settings
Trip tasks
Dispatch to Samsara
Create trip
Add
(No tasks)
Assign resource
Add
Create transport order for subcontractor (manual completion)
Generate document Accounting
Document type: Trip sheet
Send transport order to subcontractor (manual completion)
Contact Accounting
E-mail from info@qargo.io to Subcontractor (All) with Trip sheet attachments
Create tripsheet for drivers (manual completion)
Generate document Accounting
Document type: Trip sheet
Send tripsheet to driver (manual completion)
Contact Accounting
E-mail from info@qargo.io to Customer (All) with Trip sheet attachments
Dispatch to Samsara (manual completion)
Dispatch Planner
To dispatch → Planned: Yes
Configuration
Conditions
Required documents
Skip task creation
Skip task creation
Skip task creation if integration task exists
Create for resource
Resources (*)
Van
Truck
Driver
Tractor
Planning
Switch status from "To dispatch" to "Planned"
Redispatch
Redispatch automatically if trip changes
Dispatch
Send to integration (*)
Samsara
Integration template
Delete task


Configure template
Task: Dispatch to Samsara
History
Show form context
Configure template strings
Supported languages (*)
English (UK)
Dutch
Add language
route_name Context
English
Route: root > Shipment Name
Dutch
Route: root > Shipment Name
route_notes Context
English
Route: root > Shipment Name
Dutch
Route: root > Shipment Name
stop_group_name Context
English
activity_groups > Location > Address
Dutch
activity_groups > Location > Address
stop_group_notes Context
English
activity_groups > Location > Address
Dutch
activity_groups > Location > Address
stop_notes Context
English
Press '{{' for variables, '/' for block statements...
Dutch
Press '{{' for variables, '/' for block statements...
Visualize data
Data owner
Start typing to filter
Language
English (UK)
route_name
Route: Trip-0001
route_notes
Route: Trip-0001
stop_group_name
stop_group_name
Gaston Crommenlaan 4
stop_group_name
Gaston Crommenlaan 4
stop_group_name
Gaston Crommenlaan 4
stop_group_name
stop_group_name
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stop_group_notes
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stop_notes

These fields will show in Samsara as follows:



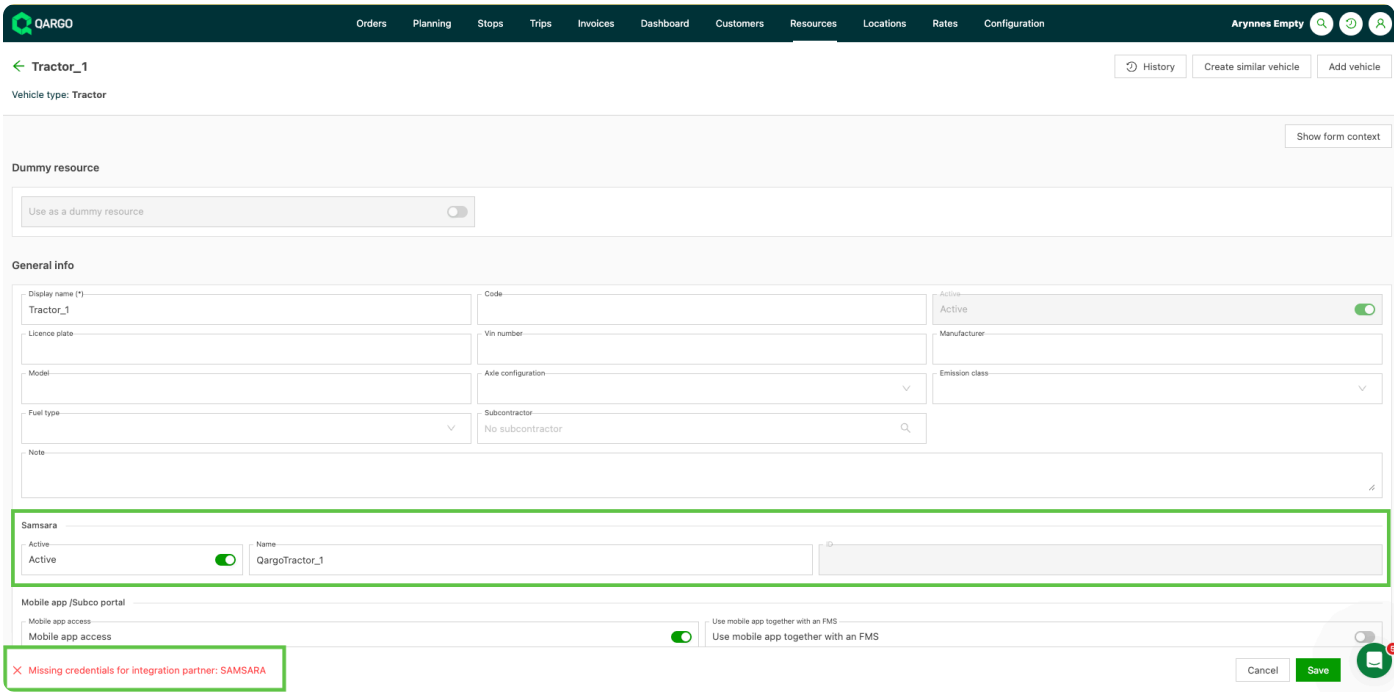
💬 Contact Qargo Tech Support via chat to adjust anything in the configuration

Adding new drivers:

- Enable the Samsara field on the resource so that the **Resource ID** can be added. Add the name and **click Save**.
  - This updates the resource with the Samsara ID and links the Qargo resource to Samsara.



- If there is no matching resource name in Samsara, an error is displayed


QARGO
Orders
Planning
Stops
Trips
Invoices
Dashboard
Customers
Resources
Locations
Rates
Configuration
Arynnes Empty
Tractor_1
Vehicle type: Tractor
History
Create similar vehicle
Add vehicle
Show form context
Dummy resource
Use as a dummy resource
General info
Display name (*)
Tractor_1
Code
Active
Active
Licence plate
Vin number
Manufacturer
Model
Axle configuration
Emission class
Fuel type
Subcontractor
No subcontractor
Note
Samsara
Active
Active
Name
QargoTractor_1
ID
Mobile app /Subco portal
Mobile app access
Mobile app access
Use mobile app together with an FMS
Use mobile app together with an FMS
Missing credentials for integration partner: SAMSARA
Cancel
Save