

Control Tower



Shipper



Carrier



Planning & support



Driver






Shop & location manager

All your transport-related information and communication at a glance

Clear, convenient, efficient, sustainable, real-time

As part of the Simacan platform, Simacan Control Tower provides you with insight into your entire transport chain on a single screen, making it easy to monitor and manage the transport activities of your own fleet and/or third-party carriers.

At your fingertips:

-  Insight and intervention based on the real-time status of all trips (track & trace data and ETAs)
-  Continuously up-to-date trip planning that can be shared with shippers and carriers
-  Causes of any deviations, e.g. traffic situations

The Simacan Control Tower gives you direct access to actual and predictive information and communication about the transport of all your shipments and deliveries. You can take immediate action in the case of incidents or delays. Any changes to the trip are automatically communicated to all parties involved. This gives you more control over the planning and execution of your transport activities, resulting in more efficient and more sustainable distribution. Simacan is striving to create a sustainable tomorrow for carriers and shippers: future-proof logistics.

Request a free demo of Simacan! +31 (0)33 887 4000 | info@simacan.com

www.simacan.com

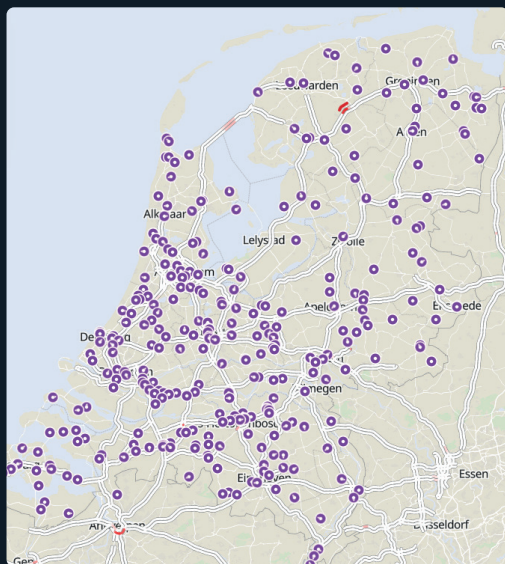
The 7 functionalities

The screenshot shows the Control Tower interface. On the left, there are 'Markers' and 'Feeds' sections. The 'Markers' section has checkboxes for 'Trip vehicles', 'Stop locations', and 'Vehicles'. The 'Feeds' section has checkboxes for 'Current speeds' and 'Traffic reports'. Below these are map style options: 'Grey', 'Streets', 'Satellite', 'Openstreetmap', and 'Topographic'. The main map displays a network of roads with various colored markers. On the right, a 'Trips' table is visible, showing columns for Trip number, Vehicle, Driver, Start, End, Status, Δt, Late, and OK. A filter 'Active' is applied to the table. A red arrow labeled '1' points to the map style options, and another red arrow labeled '2' points to the 'Active' filter in the table.

1. Overview & insight

- = Trips that are on schedule
- = Trips that are ahead of schedule
- = Trips that are behind schedule (exceptions)
- = Vehicle positions

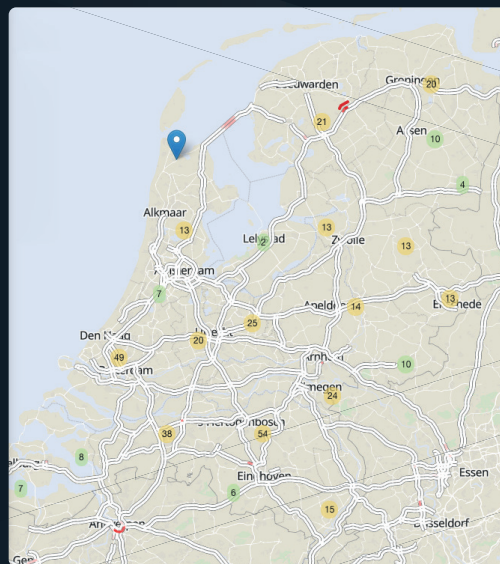
The home screen of your Control Tower displays a list of all your scheduled transport activities – of your own fleet and any external carriers – including their current status, plus their real-time position is visible on the map. You can change the view **1** and zoom in/out on the map as desired. Various filters **2** can be applied to the list, such as 'active trips' as shown above.



Markers

- Trip vehicles
- Stop locations
- Vehicles

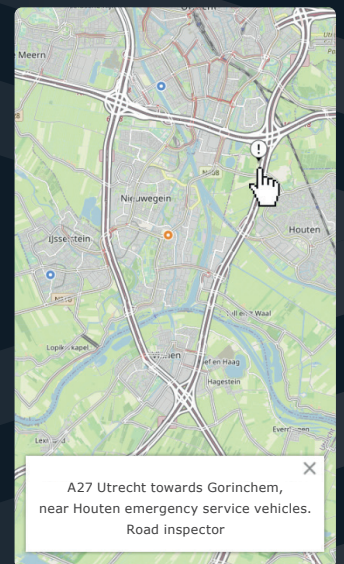
If you have selected the 'Vehicles' marker, the map will display the real-time position of all your vehicles, regardless of whether they are involved in an active trip.



Markers

- Trip vehicles
- Stop locations
- Vehicles

If you have selected the 'Stop locations' marker, you will see all the stop locations in the chosen areas.



Feeds

- Current speeds
- Traffic reports

If you have selected the 'Traffic reports' feed, clicking on an '!' on the map will display the relevant traffic information.

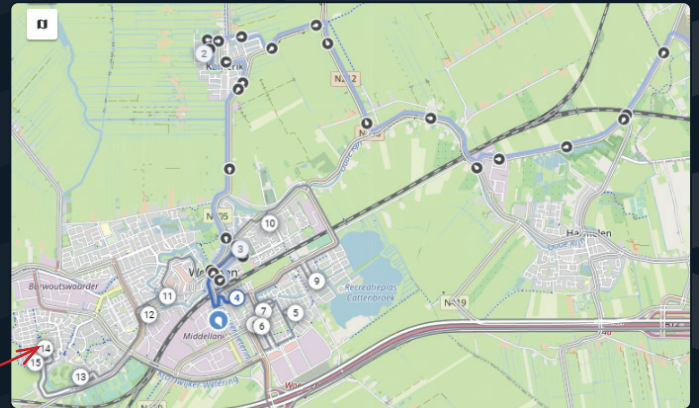
[10:34 → 18:02] 2020-10-06 -410226 - Pieter Peer Transport

REALISATION	PLANNED	CUSTOMER	04:00	STATUS	15:00
07:00	07:00	1122_00001234_1234			
07:10	07:10				
07:39	07:37	1122_00001234_3456	1234567890		
07:59	07:49				
08:12	07:59	1122_00001234_9012	2345678901		
08:13	08:09				
15 minute break					
08:38	10:00	1122_00001234_5432	3456789012		
08:45	10:09				
09:09	10:18	1122_00001234_765	4567890123		

Legend:
■ Realised 08:12 - 08:13
■ Planned 07:59 - 08:09
■ Block time 07:00 - 08:00
■ Exception 07:29 - 08:29

2. Trip details

Clicking on a trip will display the trip details and any associated messages **3**. This screen provides the details of one specific trip: all the stops including arrival and departure times. Our ETAs are calculated across all the stops based on advanced algorithms in combination with current and predictive traffic information. If you click on the breadcrumb trail **4**, the map will display the actual route taken based on GPS points.



Trips 260 Exceptions 119

Active Search ...

Trip number	Vehicle	Driver	Start	End	Status	Δt	Late	OK
A 1122_00001234_123	12345678	9876	12:54	14:04	0 10	(sp)	11	
A 1122_00001234_2345	AAA1111	5678910	12:54	14:51	5 6	+1:00	3	
A 1122_00001234_456			12:54	14:54	0 0	+0:00		
A 1122_00001234_678	9876543...	1098765	12:54	13:24	0 2	(sp)	3	
A 1122_00001234_890			12:55	13:34	0 2	+0:00		
A 1122_00001234_1234	123-456...		12:55	14:48	3 6	+1:38	5	
A 1122_00001234_012	AB-CD-1...	234567	12:55	13:14	0 1	+0:00		

3. Exception management

Exceptions – trips that deviate from the schedule – can be viewed and managed at a glance thanks to the 'Exceptions' list **7**. Clicking on a trip in the exceptions list takes you to a screen showing trip details. Any stops that will fail to achieve the scheduled delivery window are shown in red **6**. The 'Δt' **8** column indicates the delay to the vehicle's ETA in red. Since the ETAs are calculated across all stops, we support variable delivery windows.

15:27	+35	12345 Shop Chester	unload 13 load carriers
15:59			
16:48	+40	6789 Shop Wrexham	unload 5 load carriers
17:42			
18:01	+42	9876 HUB Liverpool	load
18:02			

also apply to all subsequent stops

Expand the exception limits with:

- 15 and +15 minutes
- 30 and +30 minutes
- 45 and +45 minutes
- 60 and +60 minutes

Choose a different time

Customize delivery note

Restore threshold values to SLA agreements

Log stop off manually

Start	End	Status	Δt
7:30	11:34	→ 5 11	-0:20
7:25	14:47	→ 3 16	-0:08
7:25	10:40	↓ 2 9	+0:11
7:15	09:37	→ 2 6	+0:23
9876543...	9876	→ 3 14	+0:06
AAABBC...	5678910	→ 4 15	+0:33
AB-CD-1...	12345	→ 3 8	-0:04

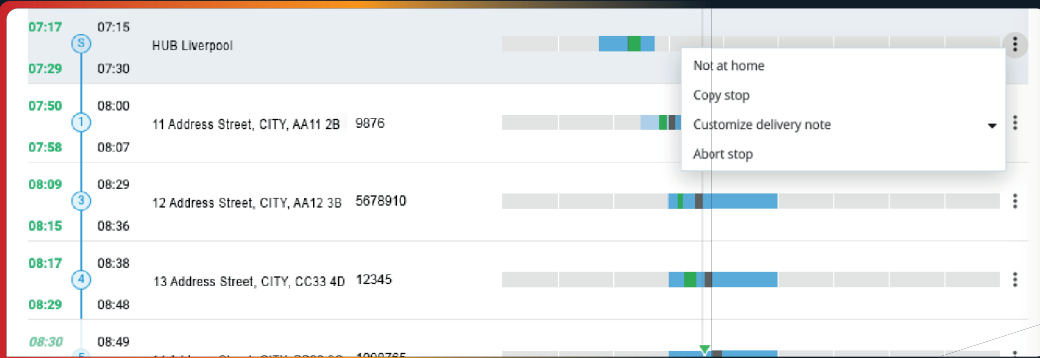
4. Multi-trip selection

Multi-trip selection enables you to view and edit multiple trips simultaneously. This comes in particularly useful in the case of a regional incident, such as if a problem at a hub affects all the trips in the area or requires the same message to be sent to multiple drivers.

5. Inter-trip mutation

Inter-trip mutations enable you to make changes to trips that are already in progress. In the example shown above, a stop is being switched between the trip in column A and the trip in column B.

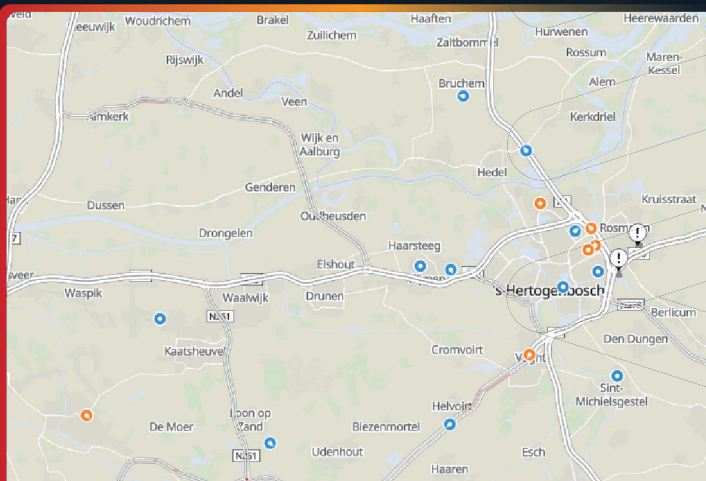
Ideal for home delivery operations: it is easy to switch orders from one vehicle to another. In this case, a handover location is **scheduled automatically**; the navigation systems guide both vehicles to that handover location and a new ETA is calculated (once again automatically) for all subsequent stops.



6. Changing stops

If it is not possible to make the delivery at a stop, the stop can be changed during the trip. There are multiple instruction options **10**. The new instructions are automatically displayed to the driver on his device during his next stop.

- Ignore all exceptions for this ride for the:
- next 30 minutes
 - next hour
 - next 3 hours
 - next 5 hours
 - next 24 hours
- No longer ignore exceptions*
- Determine instruction for this ride
- Drive back to HSC/HUB
 - Call Planning & support
 - No instruction (empty)
 - Edit trip
 - Cancel trip
 - History debug information
 - Download planning XML
 - Orders to devices is on
 - Open inter-trip mutation
 - 10** Replay trip
 - Open trip debugger



7. Trip coupling

Back Trip coupling

Search ...

Trip number	Start	End	OK	Couple or disconnect vehicle to and from trips
A 1122_00001234_123	07:30	11:34		12345678 Disconnect
A 1122_00001234_2345	07:25	14:47		AAA1111 Disconnect
A 1122_00001234_456	07:25	10:40		BB-1234... Disconnect
A 1122_00001234_678	07:15	09:37		9876543... Disconnect
A 1122_00001234_890	07:15	12:15		AAABBC... Disconnect
A 1122_00001234_1234	07:25	12:50		123-456... Disconnect
A 1122_00001234_012	07:25	10:57		AB-CD-1... Disconnect
A 1122_00001234_3456	07:25	14:42		12-AB-34 Disconnect
A 1122_00001234_567	07:25	10:21		CC-DD-EE Disconnect

Trips are automatically coupled to a vehicle when a schedule is added. Selecting 'Trip coupling' enables you to disconnect the previously allocated trips and reallocate them (to a different vehicle) if you wish.

Benefits



- ✓ Savings thanks to greater distribution efficiency
- ✓ Tighter control over vehicles
- ✓ More and better **Insight into data**
- ✓ Independent open cloud platform that is accessible for everyone
- ✓ Flexibility to manage access to Control Tower in line with own need



- ✓ The **very best ETA predictions** that take account of vehicle type, schedule and trip progress
- ✓ Immediate automatic notifications in the case of deviations from the schedule
- ✓ **Focus** on resolving exceptions
- ✓ All parties are synchronized



- ✓ **Automatic notifications** of any changes
- ✓ **Last-mile guidance** provides detailed instructions for the best route to locations
- ✓ Safety warnings during the trip
- ✓ Paperless deliveries thanks to **e-CMR**



- ✓ Immediate **automatic notifications** if delivery time changes
- ✓ Insight into exact arrival times
- ✓ Insight into quantities and types of containers (REFRIG, fresh, frozen, tobacco)

These are some of the organizations already using Simacan:



Video: Simacan Control Tower [EN] >
Duration: 00:02:30 minutes

