

Licence Tour optimisation operational

- [Optimisation](#)

Optimisation

Title
Tour optimisation

General

Kebab menu (:)

Type	Menu item	Explanation
✓	Tour optimisation	
	Personal locations	

Tour optimisation

1. Start (Location)
2. For each day from the view you came from, a block with the following information is displayed
 - a. [Picker] Day of week, Date
 - No action (default for all days $\leq$ today)
 - Apply customers, do not optimise day (see also Public holiday calendar)
 - Optimise (default for all days $>$ today)
 - b. Travel time (TimeSpan from until) | Destination (Location, picker see Start/Destination)
 - c. The data is preloaded from the Working hours and Home address, or if already present in the week also the hotel information (as in 3.0)
 - d. The sliders are all active by default
 - e. On the first day the Home address is set by default, unless the previous day ended with a hotel. Then the hotel is set here.
 - If the first day is a Monday there is usually no previous day, as Sundays are not worked and the Home address is set. However, if I only optimise a single day, e.g. Wednesday, it can happen that the previous day exists and ended with a hotel (as in 3.0)

f. On all subsequent days "automatically" is set, unless the day ended at a hotel, then the hotel is used.

g. If the slider is set to "No action", the input fields are deactivated.

3. Action button

a. Optimise

- Result popup (not shown on success)

1) Error case (e.g. server not reachable): Corresponding error message is displayed

2) Not all appointments could be optimised

a) Message: "The following customers (x/y) could not be scheduled due to time

constraints: * Confirm to remove the customers from the calendar and apply the result."

b) Action button: Apply

Start / Destination

1. Start

- a. Home address (the Home address is enforced)
- b. Hotel (only if the previous day ended with a hotel stay)
- c. The global locations stored in the backend
- d. The personal locations created in the client

2. Destination

- a. Automatic (the optimisation uses either the Home address or a hotel here)
- b. Hotel (only if the previous day ended with a hotel stay)
- c. Home address (the Home address is enforced)
- d. The global locations stored in the backend
- e. The personal locations created in the client

3. Display

- a. Name, Street, Postal code, Location, Country

Personal locations

Functions in the title bar

Icon	Explanation
+	Creation of a personal location

Grid

Click	Swipe	Views
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Edit	1. Delete	1. Table
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Column definition

Name	Visible	Sort	Full text	Explanation
Name	Visible	ASC	Yes	
Street	VisibleOnlyLandscape			
Postal code	Visible			
Location	Visible		Yes	
Country	Visible			

Create / Edit

- 1. Action button
 - a. Save
- 2. Fields
 - a. Name
 - b. Street
 - c. Postal code
 - d. Location
 - e. Country

Public holiday calendar

If the Public holiday calendar is available and a corresponding ID is stored for the Employee, the entry changes from "optimise" to "Apply customers, do not optimise day" on days where a public holiday exists.

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Release

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