



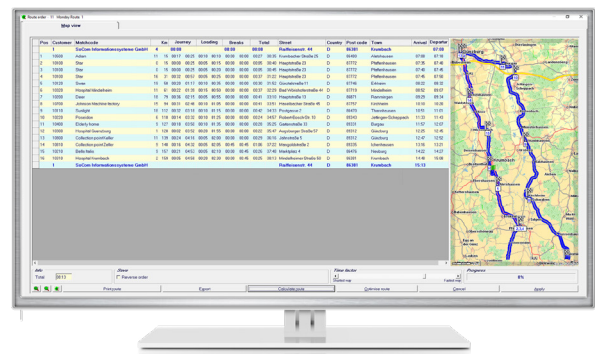
# TIKOS route optimisation\*

Plan routes efficiently. Increase profitability.

An **exact route calculation** taking into account parameters such as driving and rest times, opening hours, and loading times per customer as well as the expected number of containers required makes it possible to plan and optimise all customer routes down to the last detail. With our route optimisation module, you can make these calculations and thus **plan routes efficiently and increase your profitability**.

## Easy route creation and clear display

Within a route, each delivery address can be **clearly displayed on the map**. A vehicle is assigned to each route. You can decide whether the shortest or fastest route should be calculated. If the address does not match the actual loading/unloading point, the corresponding location can be marked on the map and saved as a geo-coordinate. By recording driving and rest times, the **route duration can be calculated exactly** and driver breaks can be shown precisely. Thanks to the integrated map system, the adjustable speed profiles for trucks and cars and the individually adjustable time factor, you can **quickly and easily calculate** the driving time and total loading time per route, but also for a single customer. In this way, you can provide information about the approximate time your customer will receive the laundry. If the customer's opening hours are stored, the route is optimised accordingly and the customer is approached during these times.



You can **flexibly** decide for yourself on which days of the week which customers are to be supplied and in which order. Route stops can be moved manually at any time. This way, even a sporadic customer can be conveniently added to a route. For new customers, the program suggests a suitable route. The selected routes are recalculated taking into account the corresponding customer data. TIKOS then automatically recalculates and optimises the entire route. Routes are optimised in terms of time and distance at the touch of a button. Even on public holidays, routes can be efficiently combined and optimised in terms of time and distance.

## Advantages

- Exact route calculation and automatic route optimisation with or without inclusion of motorways and ferries
- Map material with zoom function and display of addresses on a map
- Easy calculation of driving and loading times by recording driving and resting times, individual opening hours of the customer, individual speed profiles for trucks and cars as well as the selection of shortest/fastest route
- Automatic and optimised adjustment of the route for new customers and public holidays
- Opening hours and loading times per customer and day
- Saving of additional geo-coordinates to take account of deviating delivery points at the customer's premises
- Distance and travel time calculation to a customer
- Transfer of exact geo-coordinates to the texRoute app navigation

\* The route management is a prerequisite for the application of this module.