

# MapFleet+

100% web solution

*Route optimization*

*Order registration*

*Fleet management*

*Navigation*



## 100% web-based system

MapFleet+ is a 100% web-based solution that combines advanced route planning with electronic order registration, fleet management and navigation in a comprehensive solution.

MapFleet+ is a simple and affordable solution for small and medium businesses which need route planning, but don't want to invest in a routing system like for instance MapBooking.

MapFleet+ can be used by companies who only need routing and companies in need of route planning, order registration and fleet management.

The solution facilitates the administrative tasks of planning, monitoring, billing and control.

Field staff appreciate the electronic order registry and the integrated voice navigation between each stop without having to enter addresses in a navigation system.

## What information is needed

TetraSoft set up the assumptions which form the basis of route optimization in cooperation with the customer. Then the system are provided with the necessary informations about vehicle and stop.

**Vehicle information** - name, start address, end address, earliest start time, latest end time, operation time, maximum driving time, capacities in the form of weight, volume, loading meters, seats etc.

**Stop information** - address, stop time, capacities, earliest delivery date, latest delivery date, earliest delivery time, latest delivery time. The stop can be set to be performed by a specific depot or a specific vehicle.

## How to transfer a stop to web based route planning

There are 4 ways to transfer data to MapFleet+.

**Typing the web** - information about each stop can be entered directly on MapFleet+.

**Upload spreadsheet** - download an Excel spreadsheet from MapFleet+ where information is entered and then uploaded. Use the build in template manager to design your own Excel template for upload.

**XML Integration** - data to MapFleet+ can be uploaded and downloaded with xml files.

**Communication module** - TetraSoft can provide a Windows Service available for integration with external databases. Within a few hours of work, TetraSoft or your current ERP vendor establishes synchronization between customer, products and orders from your ERP system to MapFleet+.

## I already have a fleet management system?

It is not necessary to use the MapFleet system as a fleet management system, you can easily use MapFleet+ only to route planning and keep your current fleet management system.

The majority of MapFleet+ customers choose to use MapFleet fleet as both fleet management and order management, as all stop on MapFleet+ automatically and easily is transferred to the vehicle. So it is straightforward to set up a complete system inclusive order registration and navigation with MapFleet+.

## Save time, mileage, money and CO<sub>2</sub>

Our experience is that even small businesses with as few as 3-4 vehicle achieve significant savings in their driving costs. We have customers with both 1 and 2 vehicles that have achieved significant savings in their driving, saved time for route planning and at the same time improved their customer service significantly.

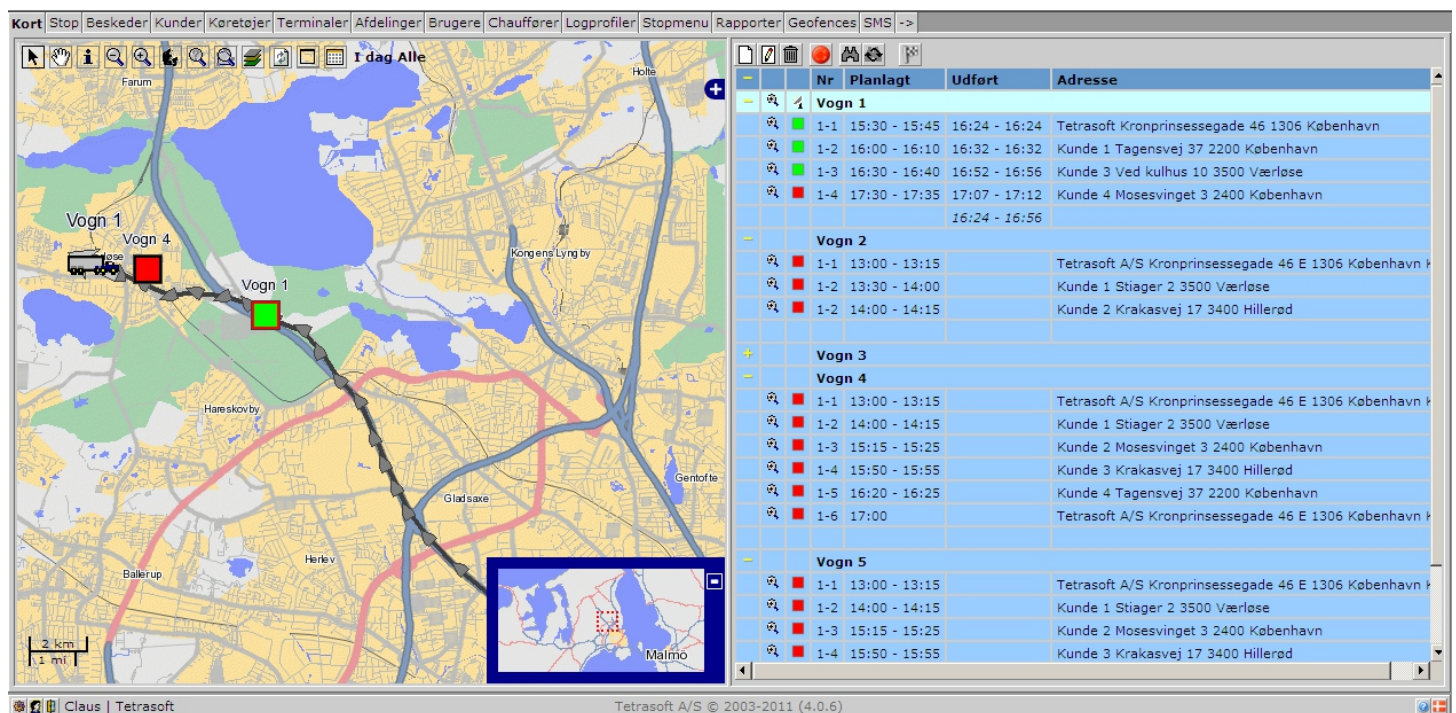
How much savings there can be expected depends on how complex the planning task is.

Several factors influence the degree of complexity of making good routes:

Number of cars and routes is obviously important. In manual planning many compensates of this complexity by dividing the customers or deliveries into zones or put maximum target for the number of tasks per car.

Fixed or dynamic routes have some meaning. If the routes are very dynamic like planning completely new routes every day, the planning is more complex and there can be achieved greater savings compared to more fixed routes, where there are few changes.

Customer requirements are important. If customers have different requirements, it may, for example be that customers are served on specific days and times or some customers have special requirements that can only be solved by certain vehicles or drivers. It make the planning more complex and mean bigger gains.



## Planning and route optimization

It is not always enough just to be able to optimize the routes. If route optimization must serve as an effective planning tool, it requires that you can "control" the route optimization.

To control optimizations there are among other the following options in MapFleet+:

**Depot lock** - locks a stop to be executed from a specific depot and thereby from vehicles operating the depot.

**Stop lock** - locks a stop to be performed by a specific vehicle.

**Date lock** - locks a stop to a certain date or date range, if stopped must be performed between two dates.

**Time Lock** - locks a stop in time. The time lock means that the interval of time is narrowed to the current time on the route. If a stop must be performed between 07:00 and 13:00 and the stop is currently placed at the scheduled time 10:15, the time lock bind the stop to be performed at 10:15.

**Route Lock** - locks all existing stops to a specific vehicle. The vehicle can still get new stops while the existing stops always stay on the vehicle.

**Car Lock** - locks a vehicle and all existing stops on the vehicle. All existing stops will stay on the vehicle and the vehicle is blocked from having new stops. A route optimization can not dispose new stops on locked cars.

## MapFleet+ - route planning, order registration, fleet management and navigation

If route planning is combined with electronic order registry the lock functions are vital to ensure, that the planned order stay on the vehicles and not moves around, after the cars has started their trip.

The lock functions are also used to improve customer services for bookings. The lock functions makes it possible to receive a telephone order from a customer, optimize the order, lock the order to a vehicle and inform the customer when the delivery will be performed.

## Software at the office

With MapFleet+ you shall not invest in software or making software installations at the office.

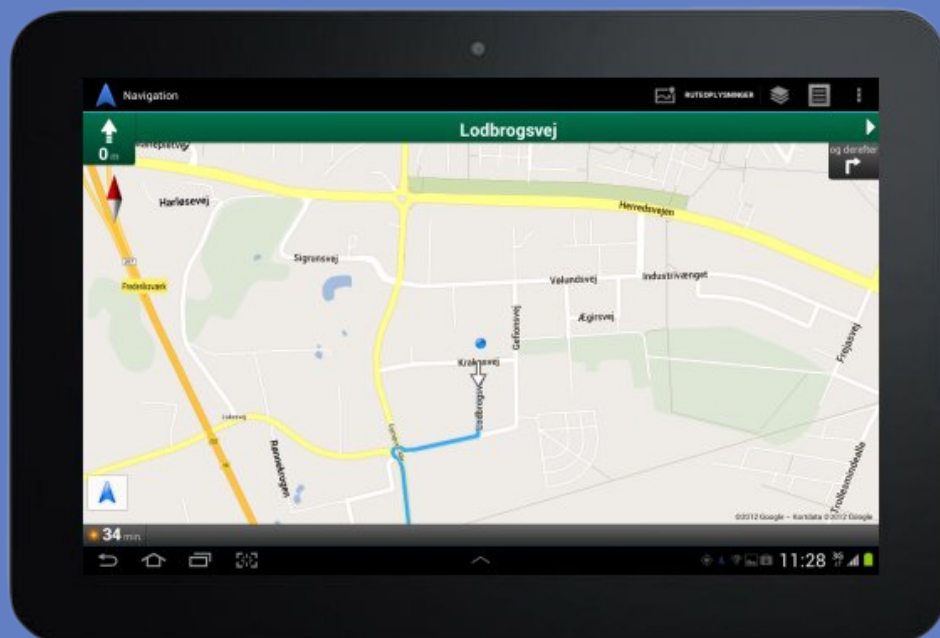
MapFleet+ runs on our own web server hosted in a professional server center. You get your own MapFleet+ website [www.companyname.mapfleet.com](http://www.companyname.mapfleet.com) and there is access to the system from any web browser.

Many users can access MapFleet+ and the company has its own administrator, who determines the parts and functions each individual users has access to.

## Hardware

If MapFleet+ will be used with electronic order registration and navigation, it is recommended to use tablets or smartphones with Android operating system. MapFleet terminal software is available for download on Android Market and are installed in minutes. Future software updates will be automatically installed.

Alternatively, use hardware with operating systems Windows or iOS.



## Terminal software on tablet and smartphone

## Contact

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