MIFLEET CREATING ROUTES

Support Information
fleetsales@mifleet.us
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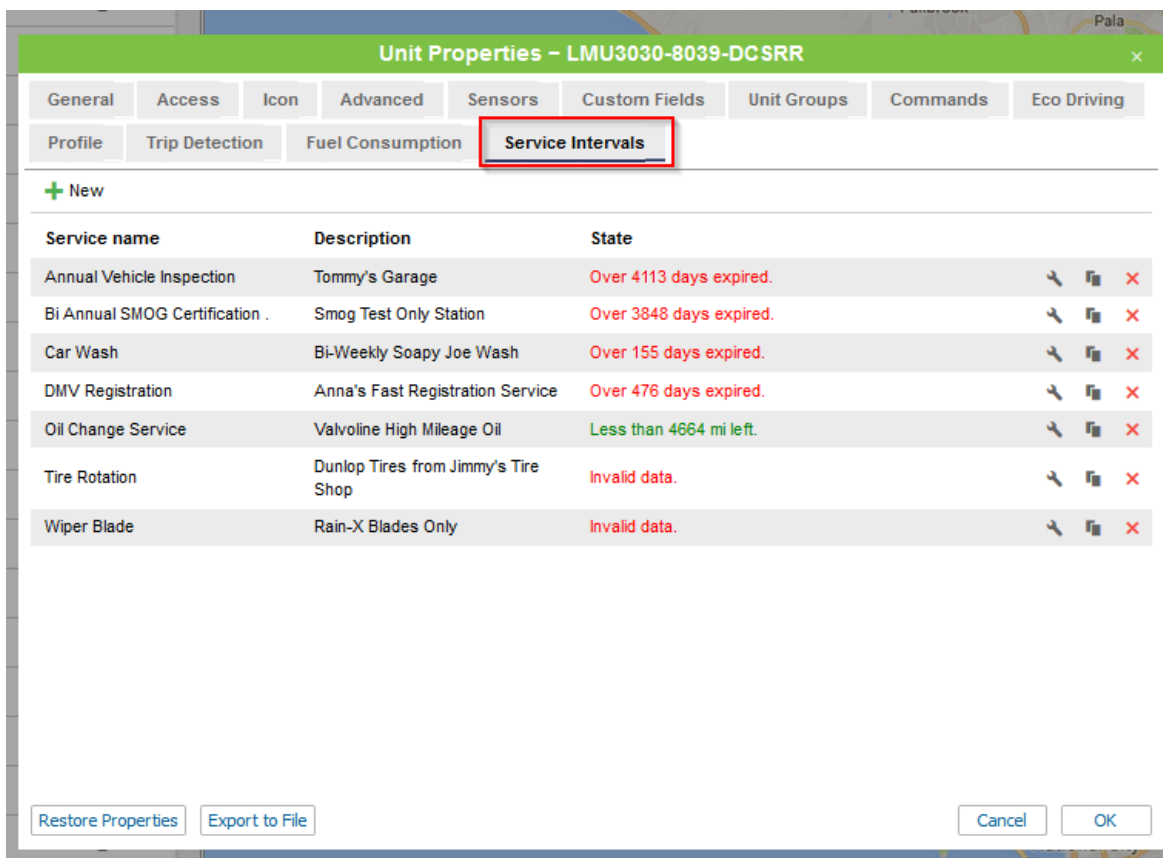
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How to use Maintenance / Service Intervals in MiFleet

Create the interval for the unit

Under the Units tab, click on the wrench next to your unit to enter unit properties:
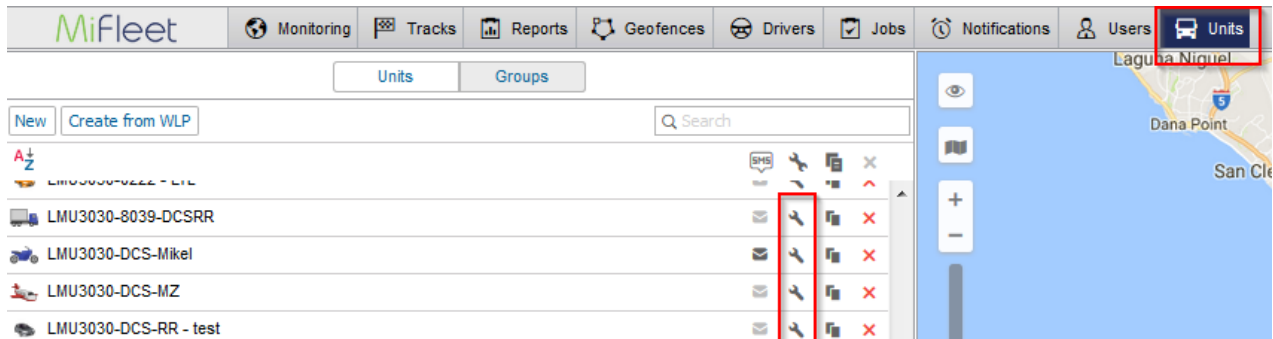
Next, select the Service Intervals Tab

Create or Modify your service interval based on Mileage, Engine hours, or Days:

Now your Service Intervals will show up under the Monitoring tab, under the Sensor properties for your unit:

To Register an Event

Under the Monitoring tab, click on the Flag next to your vehicle (you may need to click on the Drop-Down arrow to show this icon)
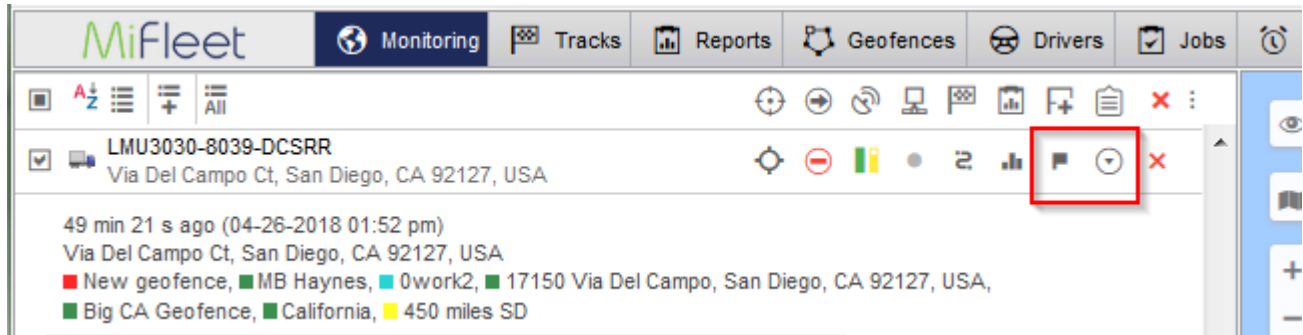
Next, select the drop-down and select "Maintenance work"

- Select your Maintenance item(s)
- Add description as needed
- Adjust mileage or other items

Click OK

The mileage for that item will now adjust to reflect this change:

Primary fuel type: Gasoline

Annual Vehicle Inspection: Over 4113 days expired.
Bi Annual SMOG Certification .: Over 3848 days expired.
Car Wash: Over 155 days expired.
DMV Registration: Over 476 days expired.
Oil Change Service: Less than 5000 mi left.
Tire Rotation: Invalid data.
Wiper Blade: Invalid data.

Notifications and Reports can then be created

Real-time Notifications

Maintenance

First, you choose trigger type: notify when service term approaches or notify when service term is expired. Then indicate the interval before or after the term for the notification to trigger. This interval can be in days, kilometers, engine hours, or together. You can control either all intervals existing in the 'Service Intervals' tab in unit properties or just several intervals. To specify target intervals, enter a name mask using wildcard symbols like asterisk (*) and question sign (?). Then indicate how much mileage, or time, or how many engine hours should be left or expired to make the notification trigger.

⚠ Notification about maintenance triggers only once — when a critical point is met (mileage, engine hours or time) about any maintenance interval. Then information about service work done should be delivered through event registrar or through unit properties dialog. Only after that, the notification starts working again.

Notifications' triggering peculiarities:

- If upon creation of notification a unit with an already exceeded maintenance interval is chosen, then the notification for such a unit will not trigger.
- If no position messages have been sent to a unit, then the notification for such a unit will not trigger.

Maintenance		
Service term approach	Service term expiry	

Service intervals: `*`

Notify when left/expired: ☑ 100 _km_ ☐ 0 _h_ ☑ 7 _days_

⚠ *Note.*

As each notification belongs to some resource, it takes its measurement units from this resource. If the American or imperial measurement system is set for the resource, then speed is shown in miles per hour (mph), radius in feet (ft), and mileage in miles (mi). Otherwise (in case of metric system), it will be kilometers per hour, meters and kilometers, correspondingly.

Reporting

Upcoming Maintenance

Upcoming maintenance table contains a list of service works set for a unit, and status of their execution. A table may include the following columns:

- **Service interval**: a name of a service work indicated on the 'Service Intervals' tab of a unit properties dialog in the 'Service name' field. The work should be repeatedly done in a particular interval which is also indicated on the 'Service Intervals' tab.
- **State**: an overall state of service work execution. In other words, it corresponds to the left or exceeded interval of mileage, engine hours, and days.
- **State by mileage**: left or expired mileage interval.
- **State by engine hours**: left or expired engine hours interval.
- **State by days**: left or expired days interval.
- **Description**: information taken from the corresponding field on the 'Service Intervals' tab.
- **Frequency**: an interval (mileage, engine hours, or days) showing how often a vehicle maintenance should be executed.
- **Notes**: an empty column for your custom comments.

Service interval	State	Description	Frequency
Oil change	10 days expired; 1 km left; 1 h left	Oil + pair of hands	1 km; 1 h; 1 days
Full diagnostics	59 days expired; 7 h left; 1 km left	Inspection, consumables	10000 km; 7000 h; 20 days
Hydraulics service	15 days expired; 5 h expired; 6 km left	Better call Saul	6000 km; 5000 h; 50 days
Electricity check	25 days expired; 5 h left; 70 km expired	Tesla service station	7000 km; 5000 h; 100 days

⚠️ Note that there is no need in indicating time interval for the 'Upcoming maintenance' report generation, because this table provides you with the information on all the indicated service works regardless to the time period.

Moreover, an individual parameter of grouping (without any connection to time intervals) are used in the 'Upcoming maintenance' table. Data can be grouped on the basis of state (planned/expired maintenance), service interval, or unit (for reports on unit groups).

Maintenance

The *Maintenance* table contains the list of the service works performed during the indicated period and registered by the user for the selected unit. The following columns can be included in the table:

- **Service time** — the date and time indicated at the time of registration.
- **Registration time** — the date and time when the event was registered.
- **Kind of work** — the information taken from the *Kind of work* field.
- **Comment** — the information taken from the *Description* field.
- **Location** — the location indicated at registration.
- **Duration** — the duration of technical work.
- **Cost** — the cost of service.
- **Mileage** — the value of the mileage counter at the time of maintenance.
- **Engine hours** — the value of the engine hours counter at the time of maintenance.
- **Count** — the number of services.
- **Notes** — an empty column for your custom comments.

Service time	Kind of work	Location	Cost	Mileage	Engine hours
2012-10-15 18:24:00	TO-1	A9, Pegnitz	387.00	2193 km	2 days 7:00:00
2012-11-17 18:26:00	TO-2	-----	122.77	4610 km	7 days 21:00:00
2012-12-28 18:29:00	TO-1	A9, Pegnitz	403.00	5107 km	13 days 21:00:00
2012-12-04 16:19:00	Total condition	-----	58.00	7599 km	26 days 2:00:00
2013-02-04 16:18:00	Oil change	-----	67.00	7599 km	26 days 2:00:00
2013-02-04 16:19:00	Maintenance	Willy-Brandt-Platz	99.00	7599 km	26 days 2:00:00

⚠️ *Attention!*

If the row in the table is blue, it means that the location was indicated on the map during the registration.

Support

We are always making changes and improving the MiFleet platform, as we make changes we will be updating this guide.

We greatly appreciate customer feedback. Please let us know if there is anything you would like to see added or changed to making your MiFleet experience better.

For questions, comments, feedback, and general support, please contact us as:

fleetsupport@mifleet.us

For sales support please contact:

fleetsales@mifleet.us