Consat Traffic Log Web Application

User Manual

Covers Release 18.4.(X)

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1 What is Traffic Log Web?

Traffic Log Web is a simple report, accessible over the web, showing logged "traffic deviation events" recorded by the system. The report covers a user defined time period and user selected set of lines.

The report lists all logged deviations by type and includes reported causes for individual deviations whenever such are reported by the drivers or traffic controllers.

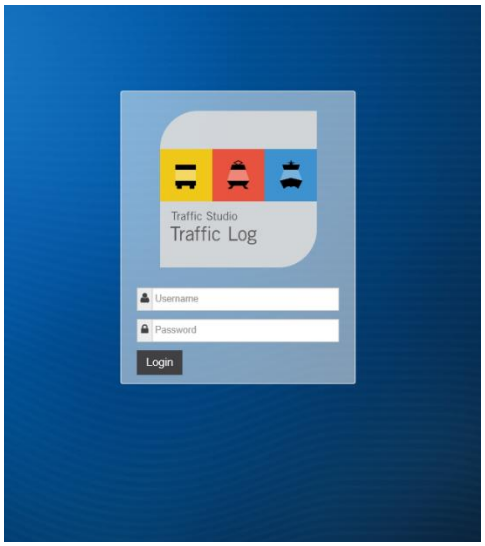
2 Company Access

See the FM Superuser manual for how to set up your company Access.

3 Access the Web Report

To open the web report, browse to the Traffic Log URL provided by your Administrator. The following browsers are supported:

- Microsoft Edge
- Microsoft Explorer
- Google Chrome



1. Enter your user name and password, provided by your administrator.
2. Click on **Login** to open the report.

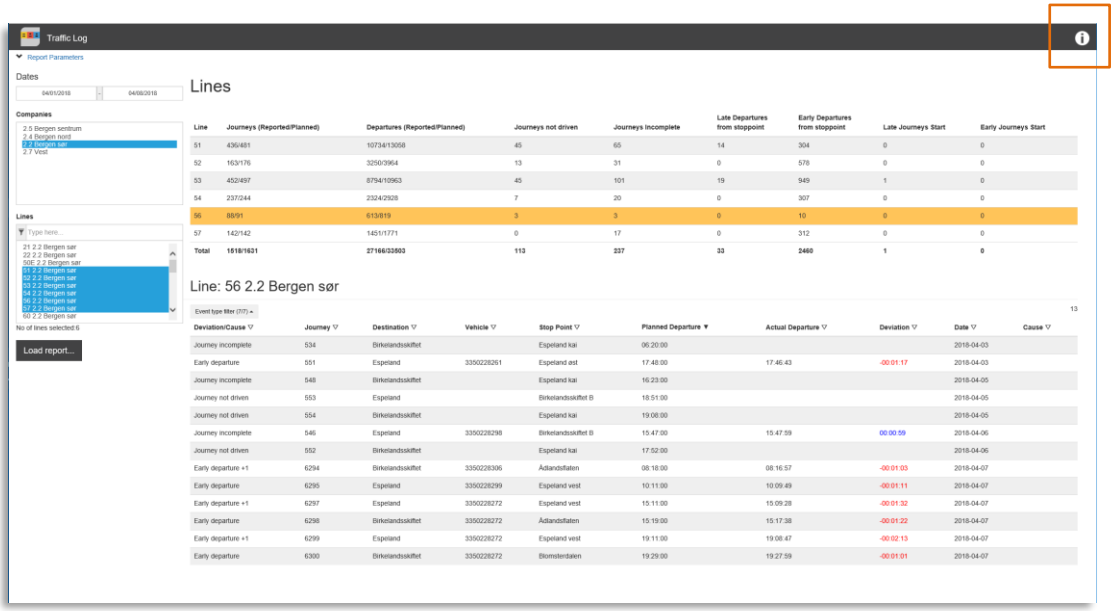
4 Tool Description

The Traffic Log web report have many things in common with the corresponding Traffic Log tool in the Consat Traffic Studio application, but the reports are not identical.

Typically, the Traffic Studio version is used by the operators for analyzing the logged traffic and the web report by PTA (Public Transport Authorities), for assessing/verifying operator performance (although it can of course also be used by operators whenever web access is desired).

Access this Manual

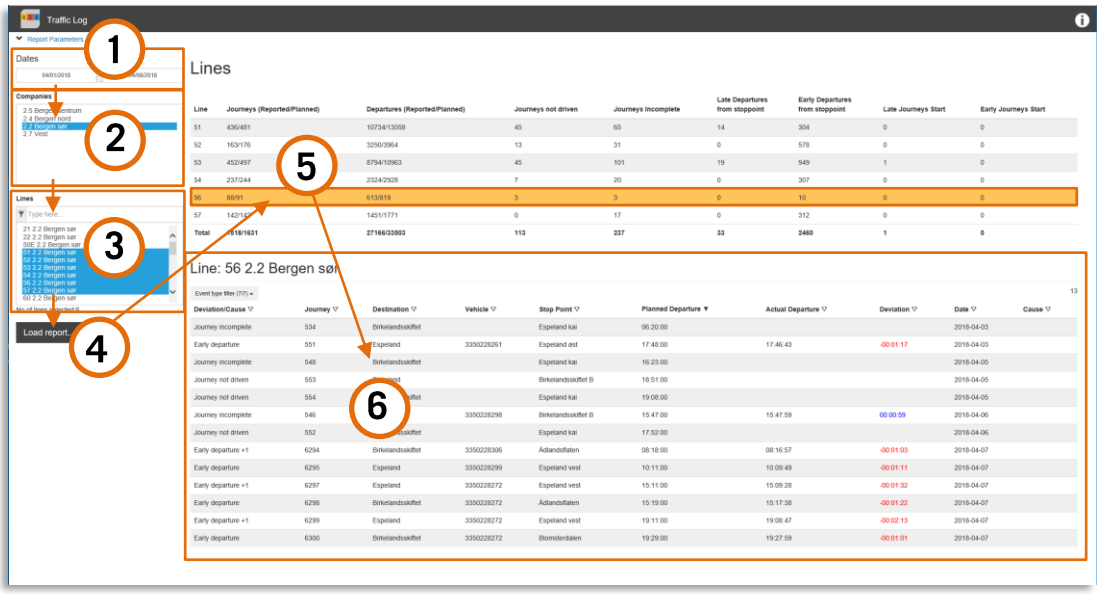
Click on the **information button** in the top right corner of the report window to access the pdf-manual at any time.



4.1 Simple Workflow

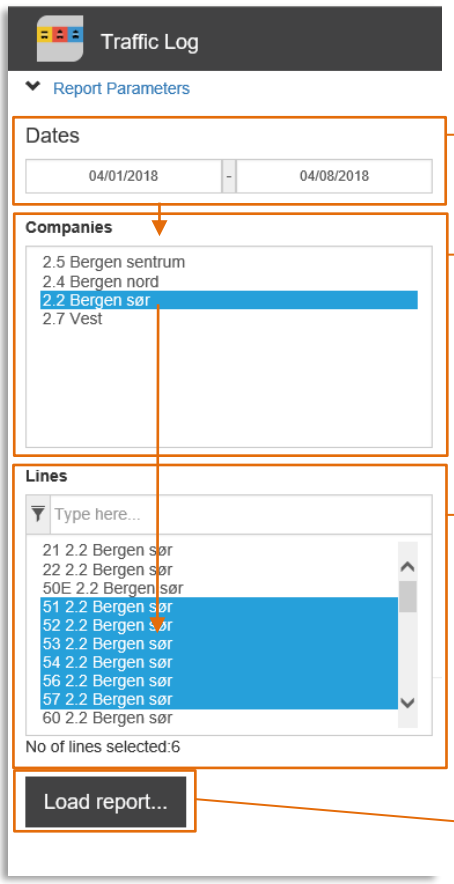
The Traffic Log report has a very simple workflow: Enter from- and to-dates (1), select company/companies (2), select line/lines (3), press the "**Load report**" button (4) and view the resulting overview report.

In the top **Lines** overview section (5), select a line to view the individual logged deviations in the **Line** section below (6), and sort that list by any column, if needed. An event/deviation type filter lets you narrow down the presentation to the particular deviations you are interested in.



4.2 Specify the Report Content

The Traffic log report covers a specific time period between two set dates, and a selected number of individual lines, serviced by a selected operator. **When the web application is first opened, the report is empty and all sections but the Dates section are greyed out.** To view the resulting report, you must first enter the time period and select the lines the report is to cover, and then perform the database search by clicking on the Load report button, see image below.



1. Define Time Period

Enter start and end dates by clicking in the corresponding fields to open the from- to- date selection calendars.

2. Select the Company/Companies the Report is to Cover

When the time period is selected, the Companies menu will be populated. Select one company by clicking on a row. Select multiple companies by ctrl-clicking on the corresponding rows (De-select individual companies by ctrl-clicking). Select a sequence of lines by shift-clicking.

3. Select the Line(s) the Report is to Cover

When the time period is selected, the lines menu will be populated. Select one line by clicking on a row. Select multiple lines by ctrl-clicking on the corresponding rows (De-select individual lines by ctrl-clicking on a selected line). Select a sequence of lines by shift-clicking.
Use the free text filter to quickly find lines to select.

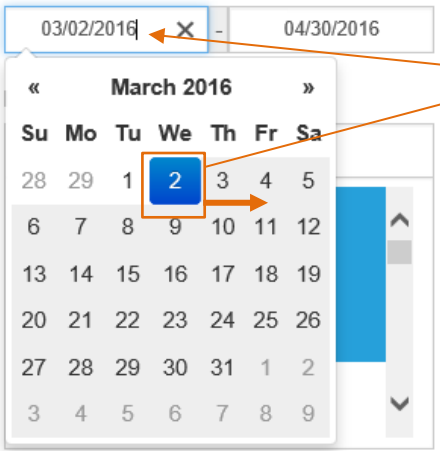
The current number of selected lines are listed below.

4. Load report: Perform Search

The database is searched according to the above selections and the report is presented.

Note: If you have selected a long time period and/or many lines the report can tacke a while to load.

1. Define Time Period (From-To Dates)



Open the date menus by clicking in the corresponding from/to fields.

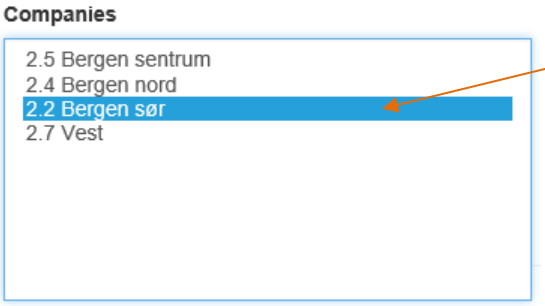
Enter a date by clicking in the calendar. Change month by clicking on the left/right arrows in the calendar menu.

Note: When both the from and to-dates have been selected, the dates included in the selected time period are highlighted grey in the calendar (see image)

2. Select Company/Companies

As soon as the from-to dates have been selected, the Companies menu loads, **showing all companies you have access to.**

- For setting up company access, see the Consat FM Superuser Manual

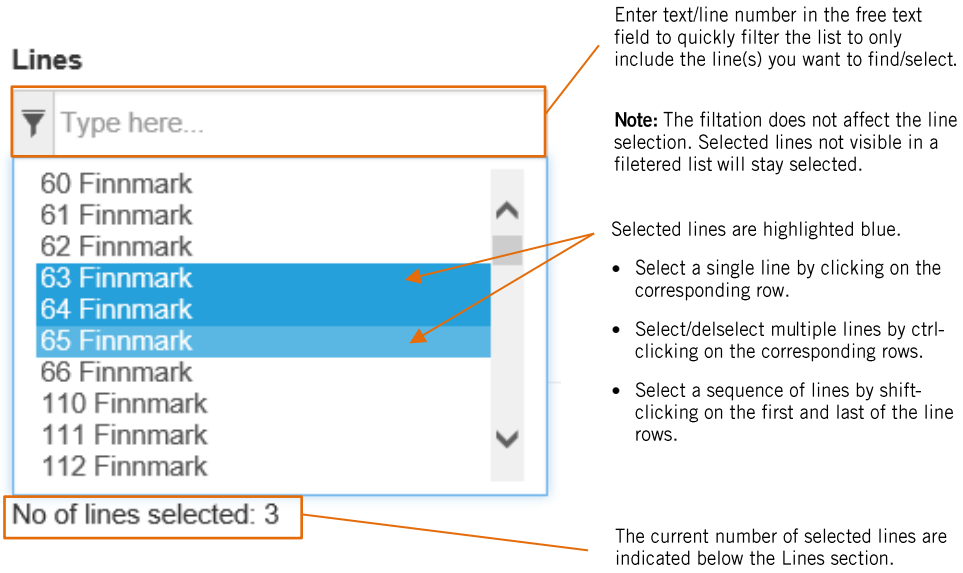


Selected lines are highlighted blue.

- Select a single line by clicking on the corresponding row.
- Select/delselect multiple lines by ctrl-clicking on the corresponding rows.
- Select a sequence of lines by shift-clicking on the first and last of the line rows.

3. Select Line(s)

As soon as the company/companies have been selected, the Lines menu loads, **showing all lines with planned traffic during the selected period.**



4. Load the Report

When you are satisfied with the time and lines selection, click on the **Load report…** button to start the database search. If the selection is not permitted/not complete this will be indicated with a symbol and the Load report button will be greyed out.

Note: The search may take a while if you have selected a long period and/or many lines.

4.3 Report Overview

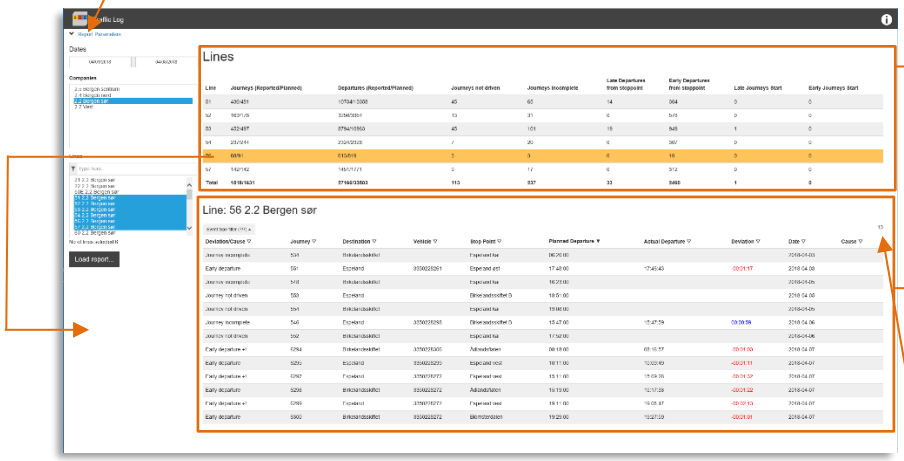
The presented report consists of two related sections: A top, Lines overview section, shows key traffic and deviation statistics for each searched line. This section can be used for general assessment of deviations on a per-line basis or for comparing lines. The Journeys and Departures columns can also be used to assess how relevant the available data is i.e. how much data is available compared to the amount of planned traffic.

- Click on a list row in this section to select a particular line and view all individual logged deviations on that line during the selected period, in the Line section below.

- You can hide/view the search section anytime (to make more room for the top Lines table) by clicking on the **Report Parameters** label in the top left corner.

Hide/View Search Section

Click on the Report Parameters label to hide/view the search section.



(Searched) Lines: Overview

The top Lines section presents key deviation statistics for all searched lines.

(Selected) Line: Logged Deviations

In the bottom, Line, section all deviations logged on the line selected in the top section are listed. The list can be filtered by deviation type and sorted as needed.

Tip: The number of table rows are indicated to the right, above the table.

Lines Section, Column Description

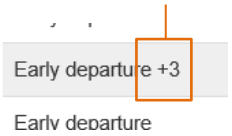
- Note: The thresholds that rule departures/arrivals "late" or "early" are system dependent and set according to customer preferences.

Line	Line number/name
Journeys (Reported/Planned)	The number of journeys with a vehicle assigned to the journey and sending reports, compared to the total number of planned journeys on the particular line, during the searched period. The ratio gives an indication of how representative the deviation log is, and how much of the planned traffic that is actually performed. (**Vehicles outside the system is of course not included in this data. This must be taken into consideration when evaluation the report content**).

Departures (Reported/Planned)	The number of logged stop point departures/pass-bys, compared to the total number of planned stop point departures on all planned journeys, serivicing the particular line during the searched period. The ratio gives an indication of how representative the deviation log is, and how much of the planned traffic that is actually performed. (**Vehicles outside the system is of course not included in this data. This must be taken into consideration when evaluation the report content**).
Journeys not driven	The number of planned but, according to the log, not driven journeys.
Journeys Incomplete	The number of journeys not completely serviced (where the vehicle did not report either arrival/departure/pass-by at all stops on the journey route).
Late Departures from stoppoint	The number of departures that were more than (system dependent threshold) minutes late.
Early Departures from stoppoint	The number of departures that were more than (system dependent threshold) minutes early.
Late Journeys Start	The number of journey starts that were more than (system dependent threshold) minutes late.
Early Journeys Start	The number of journey starts that were more than (system dependent threshold) minutes early.

Line Section, Column Description

- Note that not all columns apply to all Deviation events. Table cells without data are left blank.
- If a deviation is logged at several stops in a row, only the first one is listed and the total number of stops affected are indicated after the deviation, see below.



Event Type	The type of deviation (se previous table for description): **Early departure** **Early journey start** **Journey incomplete** **Journey incomplete** **Late departure** **Late journey start** **Deviation Cause reported (cause of deviation reported by driver/traffic controller…)**
Journey	The journey affected by the deviation

Destination	The journey destination
Vehicle	The vehicle reporting the deviation
Stop Point	The stop point where the deviation was recorded. (If several sequential stop points were affected, the first one is listed.)
Planned Departure	The planned departure time, according to the timetable
Actual Departure	The actual, logged, time of departure - at the stop point where the deviation was logged. (If several sequential stop points were affected, the first one is listed.)
Deviation	The deviation from the timetable. (The difference between the planned and the actual departure time.)
Date	The date when the deviation occurred
Cause	The **reported** cause of a deviation (Causes can be reported by drivers using the driver interface, or by traffic controllers using the Report Reason tool in the Traffic Studio traffic controller application.)

Refine the Line Section Presentation

To make the often long lists of deviation events logged on each line more manageable, you can both filter the list to show only deviations of interest, and sort the table by the column of choice. See descriptions below.

Deviation Type Filter

The Deviation (Event) type filter allows you to focus the presentation on only the types of deviation you are interested in. Open the menu by clicking in the menu field and uncheck the deviation/event types you do not want to include in the report. The list is immediately updated.

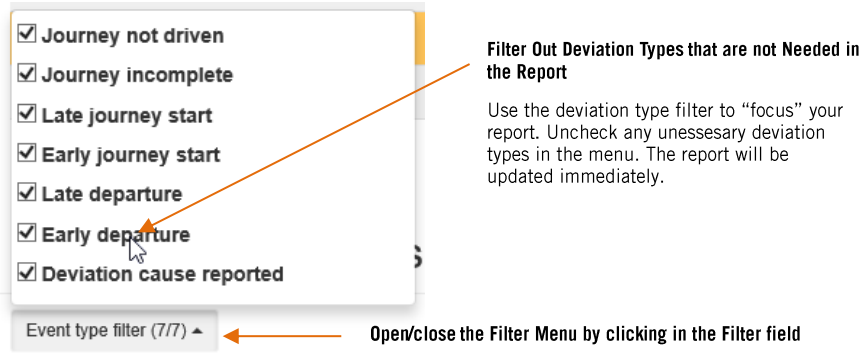
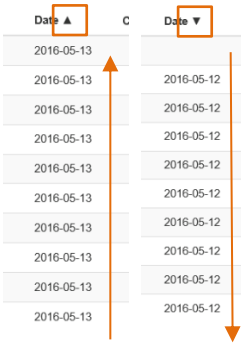


Table Sorting

The table can be sorted by all columns with sorting symbols (small triangles) in the header. To sort the table by a particular column, click on the column header. The sorting symbol will be filled to indicate witch column is used for sorting.

To sort in the reverse order, click again on the header.