

Consat Traffic Log Web Application User Manual

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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.

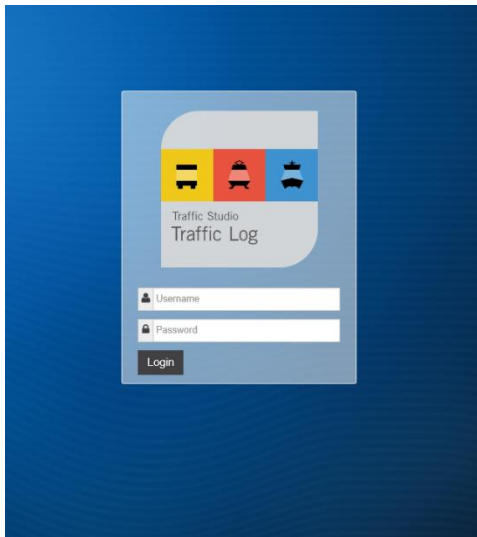
2 Company Access

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.

Line	Journeys (Reported/Planned)	Departures (Reported/Planned)	Journeys not driven	Journeys incomplete	Late Departures from stoppoint	Early Departures from stoppoint	Late Journeys Start	Early Journeys Start
51	436481	1073413058	45	65	14	304	0	0
52	163176	32503964	13	31	0	578	0	0
53	452487	878410963	45	101	19	949	1	0
54	237044	23242908	7	20	0	307	0	0
56	88/91	619818	3	3	0	10	0	0
57	142142	14511771	0	17	0	312	0	0
Total	1818621	2716623863	113	227	33	2460	1	0

Deviation/Cause	Journey	Destination	Vehicle	Stop Point	Planned Departure	Actual Departure	Deviation	Date	Cause
Journey incomplete	534	Birkenlandsbukket		Espeland kai	06:20:00			2018-04-03	
Early departure	551	Espeland	3350228261	Espeland øst	17:48:00	17:46:43	-00:01:17	2018-04-03	
Journey incomplete	548	Birkenlandsbukket		Espeland kai	16:23:00			2018-04-05	
Journey not driven	553	Espeland		Birkenlandsbukket B	18:51:00			2018-04-05	
Journey not driven	554	Birkenlandsbukket		Espeland kai	19:08:00			2018-04-05	
Journey incomplete	546	Espeland	3350228299	Birkenlandsbukket B	15:47:00	15:47:59	00:00:59	2018-04-06	
Journey not driven	552	Birkenlandsbukket		Espeland kai	17:52:00			2018-04-06	
Early departure +1	6294	Birkenlandsbukket	3350228306	Adandstafaten	08:18:00	08:16:57	-00:01:03	2018-04-07	
Early departure	6295	Espeland	3350228299	Espeland vest	10:11:00	10:09:49	-00:01:11	2018-04-07	
Early departure +1	6297	Espeland	3350228272	Espeland vest	15:11:00	15:09:28	-00:01:32	2018-04-07	
Early departure	6298	Birkenlandsbukket	3350228272	Adandstafaten	15:19:00	15:17:38	-00:01:22	2018-04-07	
Early departure +1	6299	Espeland	3350228272	Espeland vest	19:11:00	19:08:47	-00:02:13	2018-04-07	
Early departure	6300	Birkenlandsbukket	3350228272	Bumøstetåsen	19:29:00	19:27:59	-00:01:01	2018-04-07	

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.

The screenshot shows the Traffic Log report interface. The workflow steps are highlighted with numbered callouts:

- 1**: Dates input field.
- 2**: Companies selection dropdown.
- 3**: Lines selection dropdown.
- 4**: Load report button.
- 5**: Lines overview table.
- 6**: Line details table for line 56.2.2 Bergen sør.

Lines Overview Table:

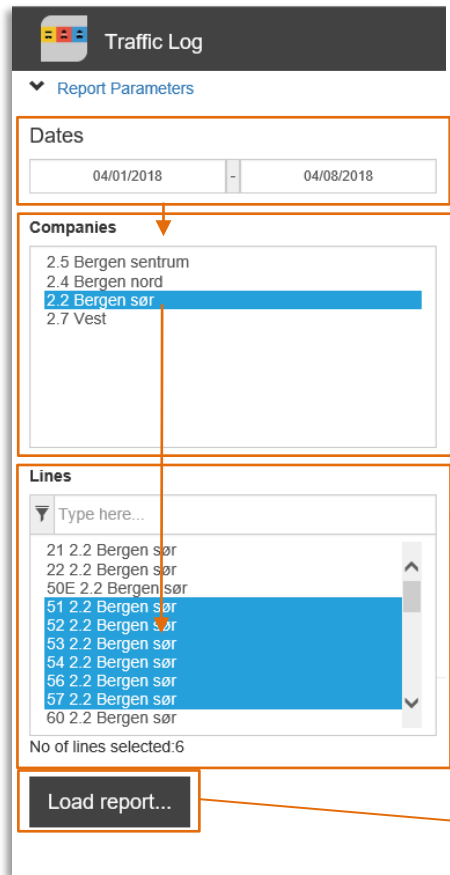
Line	Journeys (Reported/Planned)	Departures (Reported/Planned)	Journeys not driven	Journeys Incomplete	Late Departures from stoppoint	Early Departures from stoppoint	Late Journeys Start	Early Journeys Start
51	430/481	1072/13058	45	65	14	304	0	0
52	163/176	3250/3964	13	31	0	578	0	0
53	452/457	8754/10963	45	101	19	549	1	0
54	237/244	2324/2928	7	20	0	307	0	0
56	38/91	613/819	3	3	0	10	0	0
SP	142/55	145/1771	0	17	0	312	0	0
Total	118/181	27166/32863	113	237	33	2460	1	0

Line: 56.2.2 Bergen sør

Event Cause	Journey	Destination	Vehicle	Stop Point	Planned Departure	Actual Departure	Deviation	Date	Cause
Journey incomplete	534	Birkenlandsøkket		Espeland kai	06:20:00			2018-04-03	
Early departure	551	Espeland	3350228261	Espeland øst	17:48:00	17:46:43	-00:01:17	2018-04-03	
Journey incomplete	548	Birkenlandsøkket		Espeland kai	16:23:00			2018-04-05	
Journey not driven	553	Birkenlandsøkket B		Espeland kai	18:51:00			2018-04-05	
Journey not driven	554	Birkenlandsøkket		Espeland kai	19:08:00			2018-04-05	
Journey incomplete	546	Birkenlandsøkket B	3350228296	Birkenlandsøkket B	15:47:00	15:47:59	00:00:59	2018-04-06	
Journey not driven	552	Birkenlandsøkket		Espeland kai	17:52:00			2018-04-06	
Early departure +1	6294	Birkenlandsøkket	3350228296	Adarvdfjellan	08:18:00	08:16:57	-00:01:03	2018-04-07	
Early departure	6295	Espeland	3350228299	Espeland vest	10:11:00	10:09:49	-00:01:11	2018-04-07	
Early departure +1	6297	Espeland	3350228272	Espeland vest	15:11:00	15:09:38	-00:01:32	2018-04-07	
Early departure	6298	Birkenlandsøkket	3350228272	Adarvdfjellan	15:19:00	15:17:38	-00:01:22	2018-04-07	
Early departure +1	6299	Espeland	3350228272	Espeland vest	19:11:00	19:08:47	-00:02:13	2018-04-07	
Early departure	6300	Birkenlandsøkket	3350228272	Bjørnslettskjen	19:29:00	19:27:59	-00:01:01	2018-04-07	

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.



The screenshot shows the 'Traffic Log' application interface. It features a 'Report Parameters' section with three main areas: 'Dates', 'Companies', and 'Lines'. The 'Dates' section has two input fields for start and end dates, with '04/01/2018' and '04/08/2018' entered. The 'Companies' section lists several options, with '2.2 Bergen sør' selected. The 'Lines' section has a search filter 'Type here...' and a list of lines, with lines 51 through 60 selected. A 'Load report...' button is located at the bottom. Below the interface, four numbered callouts provide instructions for each step.

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

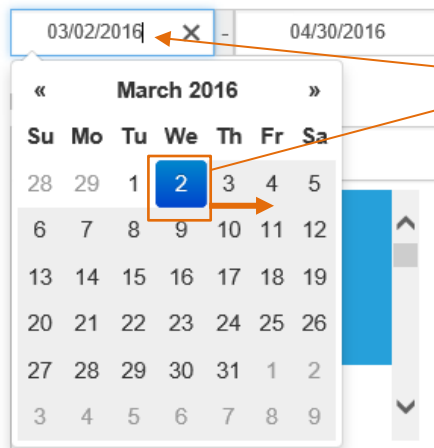
2. Select the Company/Companies the Report is to Cover
When the time period is selected, the Companies menu will be populated. Select one company by clicking on a row. Select multiple companies by ctrl-clicking on the corresponding rows (De-select individual companies by ctrl-clicking). Select a sequence 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 take 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

Companies

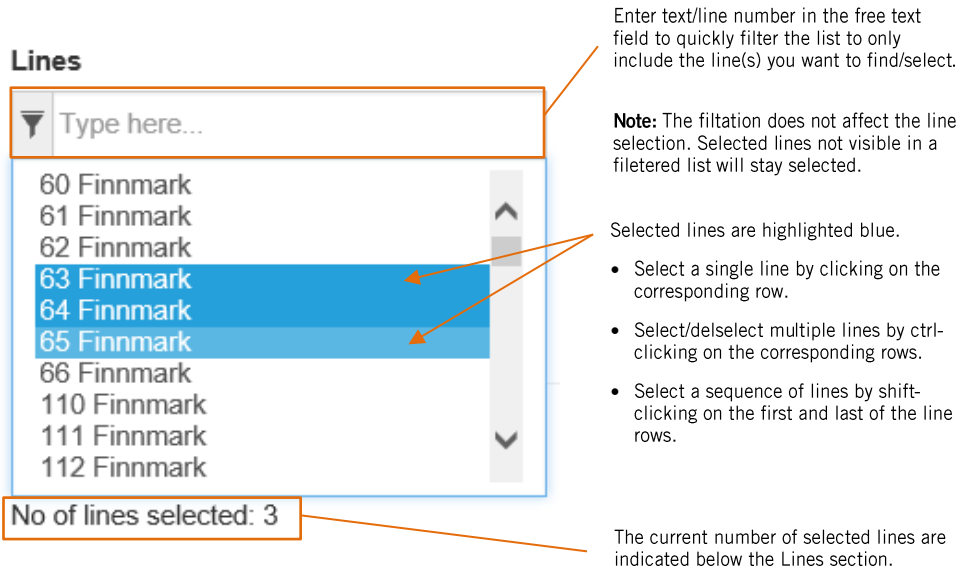


Selected lines are highlighted blue.

- Select a single line by clicking on the corresponding row.
- Select/deselect 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.



The screenshot shows a 'Lines' menu with a search bar at the top containing the text 'Type here...'. Below the search bar is a list of lines, each labeled with a number and 'Finnmark'. Lines 63, 64, and 65 are highlighted in blue, indicating they are selected. A vertical scrollbar is visible on the right side of the list. Below the list, a box displays 'No of lines selected: 3'. To the right of the screenshot, there are several annotations: a note about the search filter, a note about the selection status, a list of selection methods, and a note about the selection count.

Enter text/line number in the free text field to quickly filter the list to only include the line(s) you want to find/select.

Note: The filtration does not affect the line selection. Selected lines not visible in a filtered list will stay selected.

Selected lines are highlighted blue.

- Select a single line by clicking on the corresponding row.
- Select/deselect 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.

The current number of selected lines are indicated below the Lines section.

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.

Load report...

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.

The screenshot shows the 'Traffic Log' application interface. On the left, there's a sidebar with 'Dates' and 'Contexts' sections. The main area is divided into two parts. The top part, titled 'Lines', contains a table with columns: Line, Journeys (Reported/Planned), Departures (Reported/Planned), Journeys not shown, Journeys incomplete, Late Departures (Plan/Reported), Early Departures (Plan/Reported), Late Journeys Start, and Early Journeys Start. The bottom part, titled 'Line: 56 2.2 Bergen sør', shows a detailed table of logged deviations with columns: Deviation/Case ID, Journey ID, Description ID, Vehicle ID, Stop Point ID, Planned Departure, Actual Departure, Deviation ID, Date ID, and Cause ID. Annotations with arrows point to the 'Report Parameters' label in the top left and the 'Lines' and 'Selected Line' tables.

(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

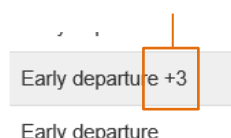
- Note: The thresholds that rule departures/arrivals “late” or “early” are system dependent and set according to customer preferences.

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.
Departures (Reported/Planned)	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, servicing 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 (see 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

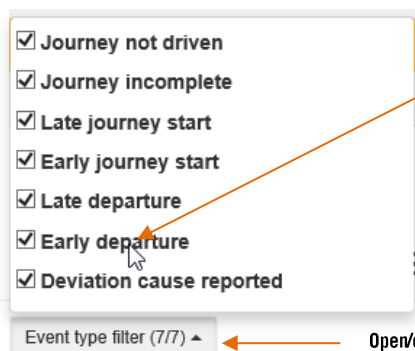
Destination	The journey destination
Vehicle	The vehicle reporting the deviation
Stop Point	The stop point where the deviation was recorded. (If several sequential stop points were affected, the first one is listed.)
Planned Departure	The planned departure time, according to the timetable
Actual Departure	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.



Filter Out Deviation Types that are not Needed in the Report

Use the deviation type filter to "focus" your report. Uncheck any unnecessary deviation types in the menu. The report will be updated immediately.

Open/close the Filter Menu by clicking in the Filter field

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 which column is used for sorting.

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

Date ▲	C	Date ▼
2016-05-13		
2016-05-13		2016-05-12
2016-05-13		2016-05-12
2016-05-13		2016-05-12
2016-05-13		2016-05-12
2016-05-13		2016-05-12
2016-05-13		2016-05-12
2016-05-13		2016-05-12
2016-05-13		2016-05-12
2016-05-13		2016-05-12
2016-05-13		2016-05-12