

SafeLOG Data Format SafeTraK 1++

Overview

The SafeLOG application creates a comma-delimited data file containing all logged information from the SafeTRAC unit. You can use Microsoft Excel to view or manipulate this data.

When SafeLOG creates the data file, it names the file **STlog/ID.csv**, where **ID** is the ID value that you specify in SafeLOG. The file is created in the same directory where the SafeLOG application is located. If the same ID value is specified for multiple SafeLOG sessions, SafeLOG creates a separate row in the data file for each download.

The first row of the data file includes a heading describing each cell's contents. The following table defines each type of data in the file.

Heading	Description
Date	The PC system date when this data was downloaded.
Time	The PC system time when this data was downloaded.
Drowsy Alerts per Hour	The rate of drowsy alert warnings generated by SafeTraK. This is an indication of how accurately the driver keeps the vehicle positioned within the lane.
Average Alertness Index	The percentage of time that SafeTraK detected a drowsy driver condition.
Dashed Alerts per Hour	The rate of dashed alert warnings. A dashed alert occurs when the vehicle approaches or crosses a dashed lane boundary.
Drifts per Hour	The rate of all drifts. A drift occurs whenever the vehicle crosses a solid or dashed lane boundary. All drifts are logged, but they may not generate a warning.
Lane Changes per Hour	The rate of lane changes. This parameter tracks both signaled and unsignaled lane changes.
Solid Alerts per Hour	The rate of solid alert warnings. A solid alert occurs when the vehicle approaches or crosses a solid lane boundary.
% Time Alertness Index Indicates Drowsy	The percentage of time that SafeTraK detected a drowsy driver condition.
Unsignaled Lane Changes per Hour	The rate of unsignaled lane changes.
Large Drifts per Hour	The rate of total large drifts. A large drift occurs whenever the vehicle crosses a solid or dashed lane boundary by more than 18". All large drifts are logged, but they may not generate a warning.
Time Far Outside of Lane	The percentage of time the vehicle spends with the edge of at least one tire beyond the lane boundary by more than 18". Drifts per Hour and Large Drifts per Hour track the number of times a vehicle crosses a lane boundary, while this parameter tracks the percentage of time it spends across the boundary.
% Time Outside of Lane	The percentage of time the vehicle spends with the edge of at least one tire beyond the lane boundary. Drifts per Hour and Large Drifts per Hour track the number of times a vehicle crosses a lane boundary, while this parameter tracks the percentage of time it spends across the boundary.
% Time Manually Silenced	The number of hours the SafeTraK was silenced by the driver. This is useful to determine if an operator is defeating the system by continually operating the mute button.
Enabled Driving Hours	Total time that SafeTraK was turned on and tracking road features. Any time that SafeTraK cannot adequately discern road features it goes into a disabled mode and that time is not logged.

