
Instruction

Read out logging data

Translation of the original language

Issued by

Designwerk Technologies AG

www.designwerk.com

Member of the Volvo Group

Validity

This manual only applies to the units listed in the following table:

Type	Modell	Version
E-Truck	LOW CAB	V2.X
E-Truck	MID CAB MID CAB X HIGH CAB	V2.X

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1 Introduction

The Vector Logging Exporter is used to read the logging data from the SD card and export it to a common format. It is basically a slimmed-down version of the Vector Logger Configurator and is freeware. It is therefore easy for customers and service workshops to use.

1.1 Purpose of the document

This document serves as a guide for reading out the SD card with the Vector Logging Exporter. It contains the necessary material and the steps to read out the SD card. This means the SD card does not need to be sent to Designwerk by mail. The exported file can instead be submitted to us online. This enables a quick diagnosis of the vehicle.

	INFORMATION
	General Information Only instructed partner workshops and customers are permitted to read out the SD card as described in this document.

	NOTICE Performing the readout You are only permitted to perform the readout of the SD card if this has been requested by Designwerk Technologies AG. This requires you to follow the work steps exactly. The SD card will otherwise be formatted and unusable for Designwerk Technologies.
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1.2 Required materials

- PC or Laptop
- SD card reader (if not available on the PC/laptop)

2 Safety Notices and Warnings

This chapter contains safety notices for this unit. These pertain to initial use and ongoing use in the vehicle. Please read and always observe these notices for safety reasons and to prevent loss of life and unit damage.

2.1 Symbols and their meanings

This manual uses various symbols. The following chart contains a list and their meanings:

Symbol	Designation	Symbol	Designation
	Important notice to avoid potential property damage.		Important Information

3 Logger SD card readout

Notice



After an error has occurred, the SD card must be removed from the data logger and replaced with a new one.

Detailed instructions and the exact position are provided in the operating instructions of the E-Truck.

- 1 Insert the SD card into the computer or SD card reader.

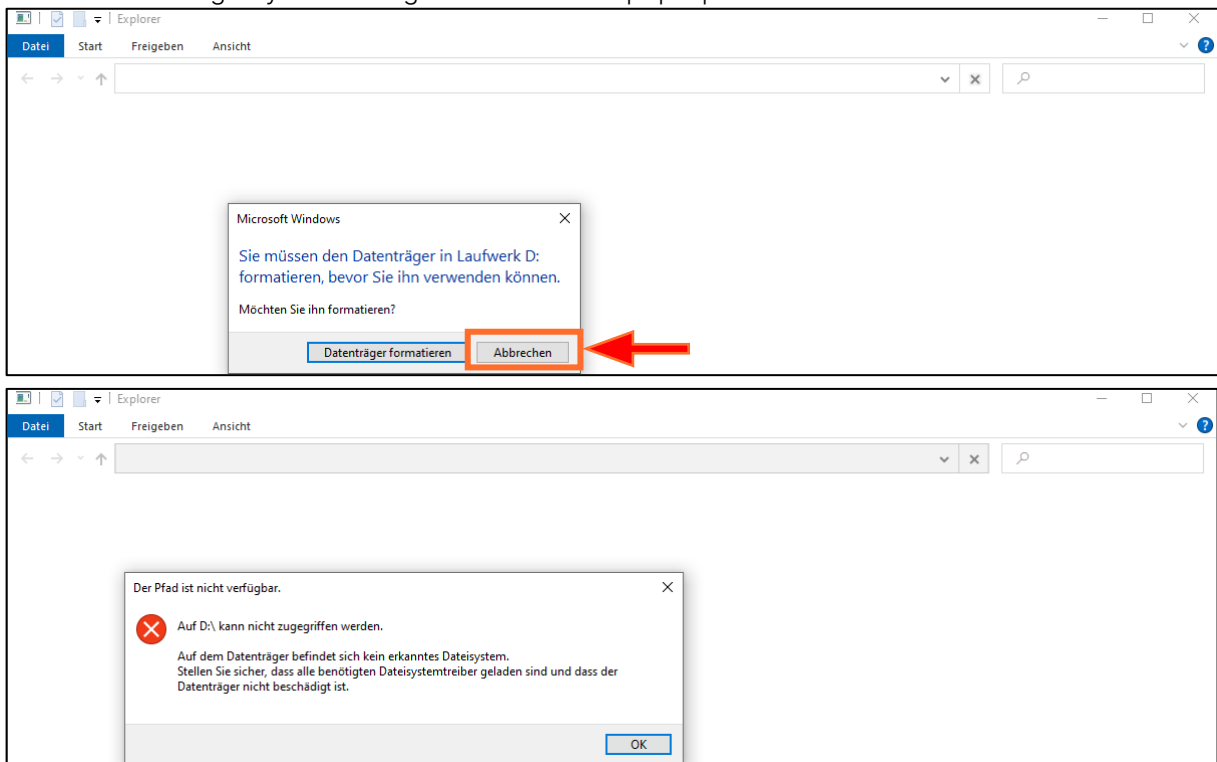
Do not format the card



Perform the next step properly and do **NOT** format the card. This would delete the files on the card and make them unusable for Designwerk Technologies AG.

Should this occur, however, please contact the Designwerk contact person who instructed you to read out the logger SD card.

- 2 Cancel the formatting process in the pop-up window. Click on the Cancel button (framed in red). Close the message by confirming it in the second pop-up window.



3.1 Install Vector Logging Exporter

- 3 Install the "Vector Logging Exporter 4.0 SP1 (64 bit)" on your computer.
Request the link using the form below.

Size : 517.22 MB

MD5 hash : 0a74a8f50331bade92e04e72fb006434

Please fill in the following form to get the download link via e-mail:

First name: *

Last name: *

Country / Region: *

Denmark ▼

E-mail: *

☐ I have read and accept the privacy policy.*
[See the privacy policy](#)

* Required

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Get the download link

- 4 Start the Vector Logging Exporter program.

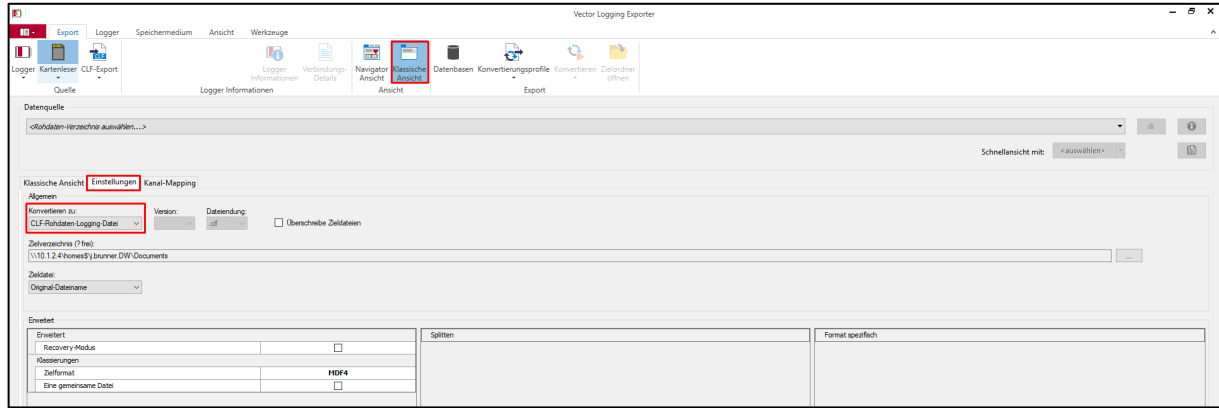
3.2 Set export format

Notice

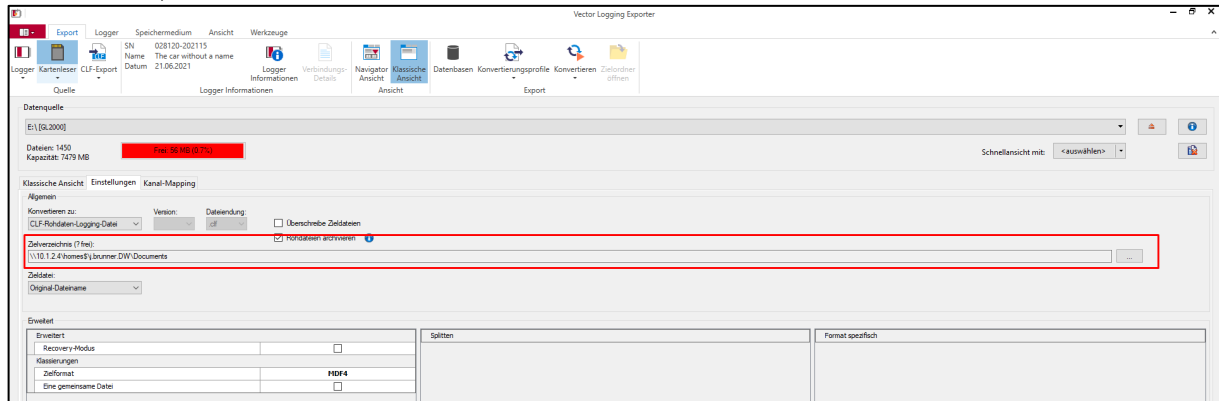


These settings remain saved even after closing the application and therefore only need to be specified once.

- 5 The "CLF raw data logging file" format must be selected in both "Navigator View" and "Classic View".



- 6 The converted data is stored in the destination directory. This can be specified in both views. Furthermore, "Archive raw data" can also be unchecked.



3.3 Convert logging data from SD card

Send the converted file to Designwerk Technologies AG. Since the file may require a lot of memory, you will need to discuss with the contact person at Designwerk how to transmit the file, e.g., via SharePoint.

The following section explains two options for converting the file. A description of the option you need to choose is provided at the beginning. Decide on the option suitable for your situation.

3.3.1 Classic view



Notice

Applicable for log data from a GL1000 and GL2000 logger.



Notice

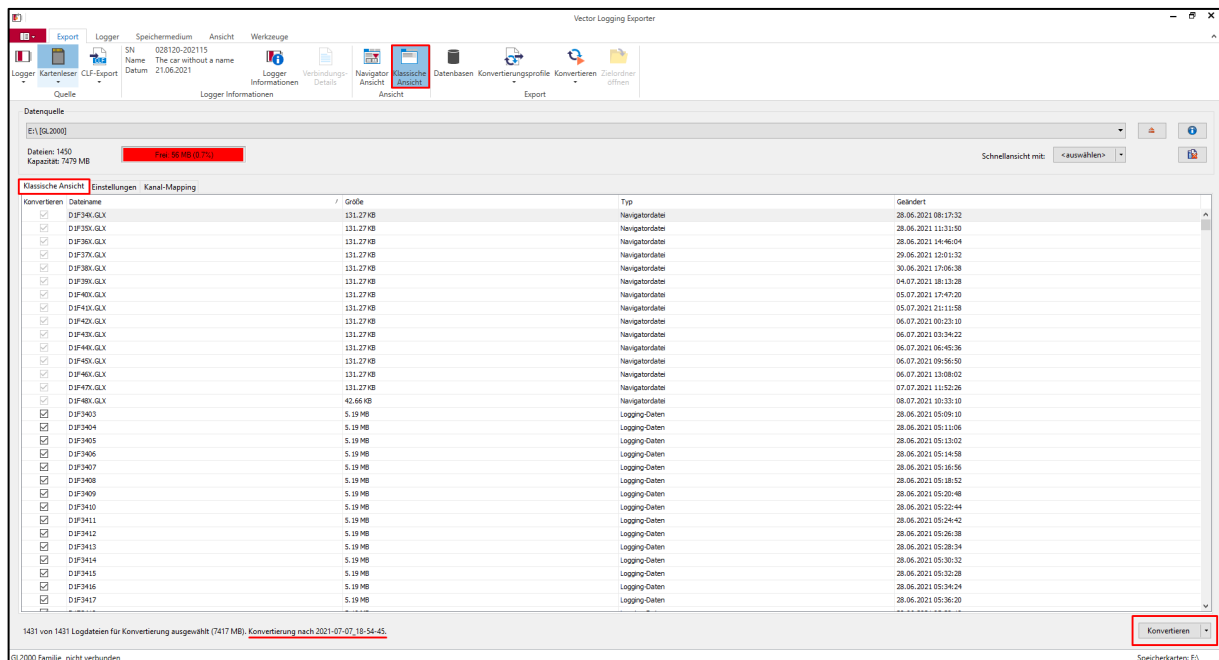
The conversion takes a few minutes, especially if the SD card is full.

This view merges all the data on the SD card into one file. If only part of the log is needed, the individual 5MB log files must be selected or deselected manually.

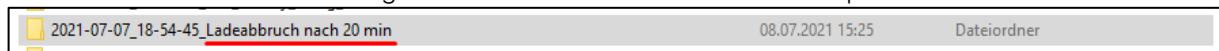
- Use this view when it is unclear at what time an error occurred.
- The disadvantage is that the size of the converted .clf file could be up to 8GB.

7 All data on the SD card are to be converted.

Click the "Convert" button to start the conversion.



8 Name the folder created during conversion with a short error description.



3.3.2 Navigator view



Notice

This view cannot be used for log data from a GL1000 logger.

This view shows the time when the logger was active on a timeline. A specific period setting can be selected. Only this period is converted.

- Use this view when the exact time of an error is known.
 - The time in the logger is set during commissioning. Unfortunately, it does not automatically switch between summer and winter time. The dates may therefore be shifted one hour ahead or back!
 - The advantage is that only the important content is converted, and the process is therefore quicker.
 - If this view is used to convert all data on the SD card, a single file is created for each logging period → which is laborious when searching for an error!
- 9 Select the period when the error occurred and then select the "Files" tab.

- 10 After that click the "Convert" button to start the conversion.



Notice

For a short period, conversion takes only a few seconds and the .clf file is smaller.

- 11 Name the folder created during conversion with a short error description.