

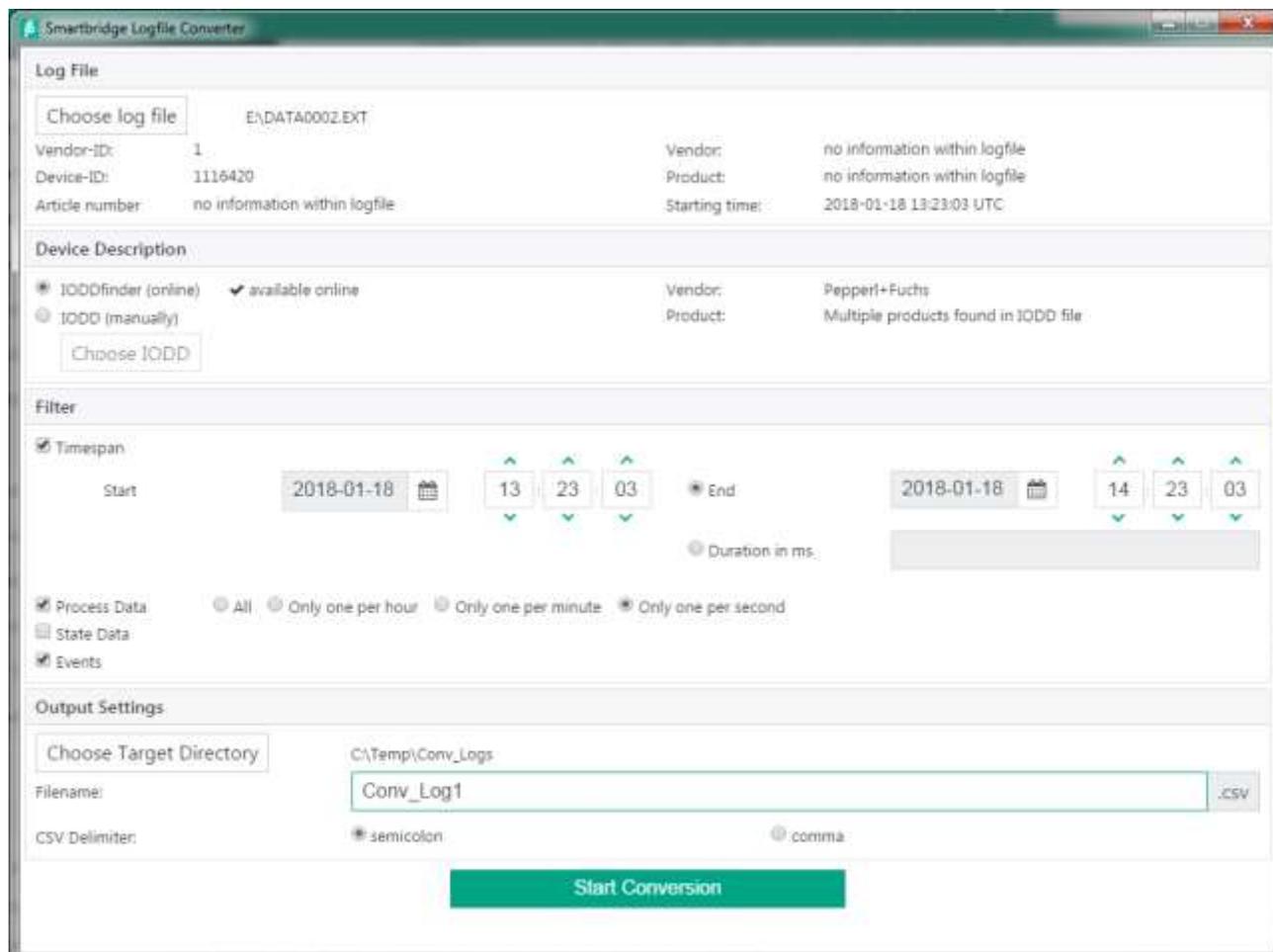
# SmartBridge Logfile Converter

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How to use the SmartBridge Logfile Converter

## Overview

This tool converts the SmartBridge log file content, stored on the microSD card, from a binary format (\*.EXT) into a readable CSV format (\*.CSV).

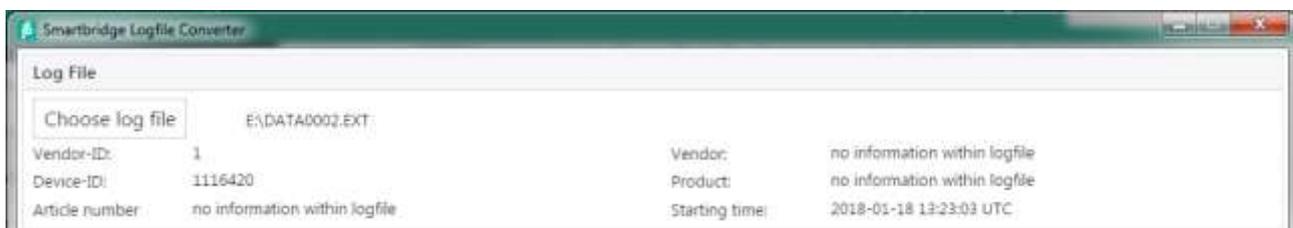


## Functionality

1. Choose log file
2. Device description file (IODD)
3. Apply filter methods
4. Output settings

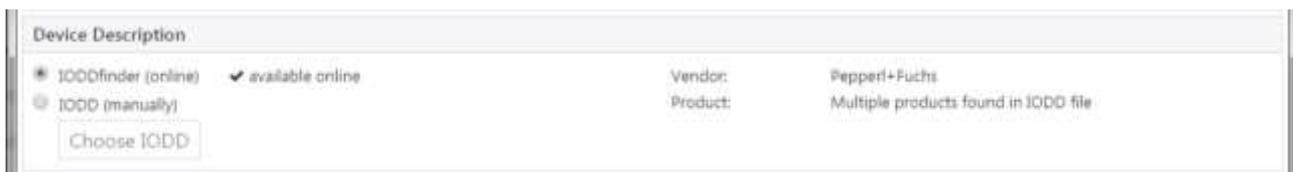
### ■ Choose log file

After selecting a log file (\*.EXT), the converter analyzes its content for Vendor and Device ID, article number, vendor and product name. In case of a missing information it will be displayed accordingly.



### ■ Device description (IODD)

Vendor and Device ID will be read from the log files content and the tool establishes a connection to the IODDFinder website (<https://ioddfinder.io-link.com/>), in order to download the latest IODD automatically. If this procedure is not possible (i.e. IODD is not available on the website) the user can specify the device description by himself. Therefore you have to check "IODD (manually)" and navigate to the required IODD file.



### ■ Apply filter methods

SmartBridge Log File Converter offers various options to pre-process log entries. This alters the way how log entries are displayed.

## Timespan

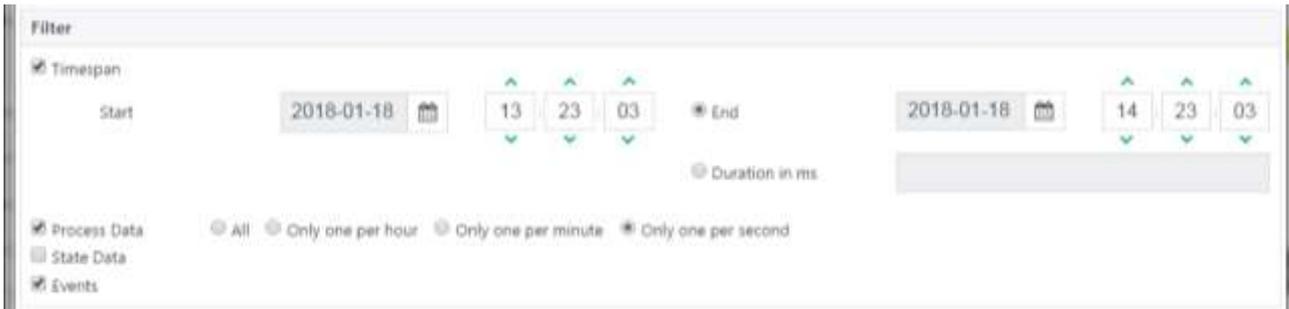
You can determine a start and end time or start time and a duration in milliseconds. By default the time of the first log entry is preset as start time and the end time an hour later. However, the timespan filter is not active by default.

Log entry type (Process Data, State Data, Events)

This setting affects all log entries. Check the preferred type of data (process data, state data, events) to display only those log entries. By default all log entries are displayed.

Sampling rate

You can either display all logged entries or only a single log entry written per hour / minute / second. This can significantly reduce the amount of shown log entries and the result file size.



■ Output settings

Choose the target directory and file name. You can also change the CSV delimiter to semicolon or comma.

