# PCAN-FMS Simulator 2



Windows Software for Simulating CAN Data According to the FMS Standard

## Product Overview

The protocols FMS (Fleet Management System) and Bus-FMS provide a manufacturer-independent interface for reading vehicle-specific CAN data on heavy commercial vehicles and buses. The extensive and continually growing support of leading commercial vehicle and bus manufacturers allows cross-market telematics applications to be implemented.

For these types of developments, the PCAN-FMS Simulator 2 application made by PEAK-System provides the simulation of both standards in a single software application with an easy-to-use graphical user interface.

## Features

- • Support of the standards: FMS 01.00, 02.00, 03.00, and 04.00 (Truck FMS)
- • Support of Bus-FMS 00.01, 00.02, 00.03, and 00.04
- • Activate and deactivate the different standards in the program
- • Manual simulation of CAN data at FMS input with optional automatic calculation (e.g., fill level)
- • Feed-in of CAN data using PCAN hardware at FMS input
- • Reproduction of trace files or a user-defined period of a trace file at the FMS input (loop function available)

- • Possibility of simulating error statuses
- • Disconnection and connection of specific CAN messages
- • Graphic representation of FMS data with analog and digital instruments in a virtual cockpit (full-screen capable)
- • Configurable colored sections on the analog instruments
- • ISO-7000-compliant symbolic display of status signal values
- • FMS data output possible using a PEAK CAN interface
- • Recording of CAN messages in trace files
- • Recording of FMS data as CSV log files (e.g., for processing in Excel)
- • Loading and saving of the entire simulation environment in project files (forward/backward compatibility with version 1)

## Tour Mode Features
- • Starting of specially pre-configured projects via the Tour Starter or desktop icons for recurring analysis and monitoring
- • Recording of additional driving data, like fuel consumption and average speed
- • Archiving Tour-specific records and driving data

## System Requirements
- • Windows 11 (x64/ARM64), 10 (x86/x64)
- • Microsoft .NET Framework 2.0
- • Free USB port for installation stick and copy protection dongle
- • PC CAN interface from PEAK-System for CAN bus connection

Note: Software delivery on USB stick. Alternative installation media or download on request.

## Ordering Information

| Designation | Part No. |
| --- | --- |
| PCAN-FMS Simulator 2 | IPES-002050 |

## Scope of Supply
- • Installation files for PCAN-FMS Simulator 2
- • Portable license with USB copy protection dongle
- • Documentation in HTML Help format (English and German)