



CASE STUDY

# CoPILOT<sup>®</sup> Truck



## Hazardous Goods Transportation and Activity Reporting Using the Mobile Computing Framework from dff solutions

Providing safe and reliable LPG logistics to the highest standard, fht's (Flüssiggas Handel und Transport) fleet of more than 200 vehicles provides households, businesses and gas stations across Germany with DIN-compliant\* products.

The logistics system provided by dff solutions is connected to all existing vehicle measuring equipment, resulting in seamless documentation of the entire transportation process. The driver receives an overview of all the relevant technical data (temperature, fill level, etc.) on their handheld device. The Mobile Computing Framework from dff solutions also provides integrated, CoPilot<sup>®</sup> Truck™ navigation from ALK Technologies, via a user friendly interface.

### TASK

#### The System Requirements

- Document any damage at the customer's site
- Acquire all the data from the existing measuring equipment
- Navigate to the customer's site and specific on-site locations
- Reduce the number of manually-created documents
- Be easy to use by all employees

### SOLUTION

#### The Mobile Computing Framework

- Connects to existing vehicle systems
- Utilizes the integrated camera on the handheld for comprehensive damage reporting
- Enables integrated truck navigation using both saved addresses and on-site lat/long coordinates
- Documents all activity directly on the handheld device
- Offers an easy-to-use interface

\*German Institute of Standardization





### The Mobile Computing Framework from dff solutions:

The mobile computing framework is a type of software construction kit: dff solutions works with the customer to select the components suited for their requirements and combines them to form a customized software package. The software can be cost effectively adapted or enhanced at any time. dff solutions regularly updates the construction kit in line with latest technological advancements and expands the range of modules available.

### Accurate Overview of Hazardous Goods Transportation on the Handheld Device

To provide transparent LPG logistics, fht connects the system to measuring equipment supplied from a variety of manufacturers. The driver receives an overview of the most important criteria, directly on their Handheld. These include the precise load temperature/pressure, tasks required at the customer's site and a log of dispensed gas.

### Integrated Intelligent Navigation

fht's large and diverse customer base means the driver requires assistance when driving to customer sites. Therefore, the system was expanded to include CoPilot Truck GPS navigation. In addition to contract addresses, CoPilot Truck includes the facility to store and recall the exact position of the gas tanks to deliver to on site, leading to significant driver time savings.

### Legally Required Documents Stored Directly in the System

When working with chemicals, the driver may also have to hand out legally required documents at any given time. These are saved in the system and can be printed out during transportation.

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