ELOfleet

THE FIRST
CLOUD-BASED FLEET MANAGEMENT SYSTEM
WITH APP CONTROL

ELOKON

GET MORE
WITH ELOFLEET

WORKFORCE AND OPERATIONAL SAFETY

FLEET PRODUCTIVITY

MORE SAFETY FOR YOUR WORKFORCE

Electronic NFC access control ensures that the forklift can only be accessed and operated by authorised personnel. This is carried out via RFID; ELOfleet is compatible with almost all commercially available RFID company ID cards.
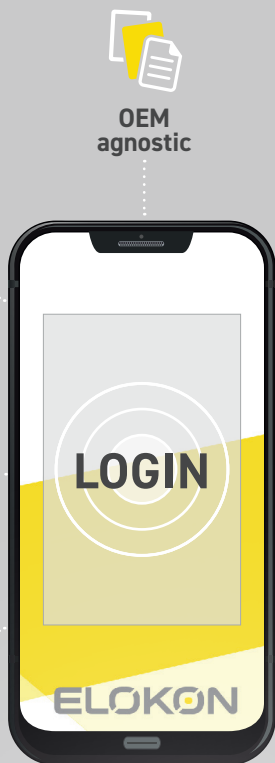
MORE OPERATIONAL SAFETY

The OEM agnostic system, also designed for mixed fleets, allows quick and easy completion of obligatory pre-operational checks using electronic checklists as well as enabling real time reporting of any damage.

MORE PRODUCTIVITY

The ability to record numerous types of operational forklift data and to compare individual trucks or truck groups – whether at one site or across various locations – enables you to identify, even down to a daily basis, where and how you can optimise fleet deployment. And thanks to the intuitively operated dashboards with drill down function, evaluations are as easy as ABC to carry out.

KEY FEATURES

OEM agnostic

Comprehensive database

Web based access

Configurable to customer requirements

Access control with company ID

RFID

Smartphone based

LOGIN

Impact tracking

ELOKON

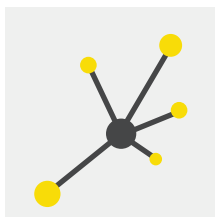**KPI dashboard**

Cloud or on-premise

Pre-ops checklist

The mobile terminal device for operating the intuitive app is installed in the cab of the vehicle.

PLENTY OF CHOICES
FOR DATA & INFRASTRUCTURE

PLENTY OF TECHNICAL POSSIBILITIES

ELOfleet is the first forklift fleet management system to offer mobile operation by an app on any commercially available smartphone. The modular design allows individual functions to be tailored to your specific requirements. Furthermore, you can choose whether the software is installed in the cloud or on a local server within your firewall. And you can choose whether to use your customer IT infrastructure or not.

PLENTY OF I.T. DATA – ALWAYS AT HAND

Wherever you are, you can access all web based evaluations at any time via tablet, smartphone, notebook or desktop PC. Fleet utilisation data can be exported through open system interfaces and the OEM agnostic system is particularly suitable for mixed fleets. Data is also available from across various locations for ease of evaluation.

VEHICLE
ACCESS CONTROL

AUTHORISED PERSONNEL ONLY

ELOfleet ensures that forklifts can only be operated by authorised personnel, who have to log in to the smartphone via RFID using their company ID. PIN based access control is also an option.
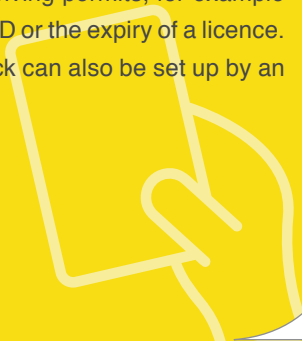
Three levels of authorisation

driver	operations/ area manager	workshop personnel

ELOfleet's app configures and transmits access control authorizations to the fleet wirelessly. Anonymous operation, without the assignment of drivers to vehicles is also possible.

TEMPORARY LOCKOUT

If a truck needs to be taken out of service for scheduled maintenance or its yearly prescribed safety check, a lockout can be wirelessly activated. It is also possible to temporarily block individual driving permits, for example in the case of a lost company ID or the expiry of a licence. A time-limited permit for a truck can also be set up by an area manager.

CHECKLISTS
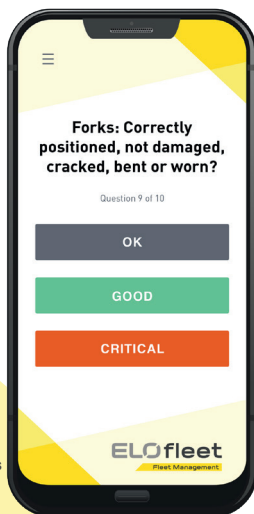## COMPLIANCE WITH
OBLIGATORY CHECKS

BEFORE DRIVING

Before your personnel can operate a truck, ELOfleet will prompt them to comply with statutory obligatory checks. You can configure these electronic checklists to accord with your own operational requirements.

The result:

Optimum levels of safety, maintenance and service. By answering a series of multiple choice questions, the driver confirms that the truck is fit for purpose. Any faults can be wirelessly reported to the workshop, and the vehicle can be automatically locked out if required.

Freely defined questions

Forks: Correctly positioned, not damaged, cracked, bent or worn?

Question 9 of 10

OK

GOOD

CRITICAL

ELOfleet
Fleet Management

SAFETY UP FRONT

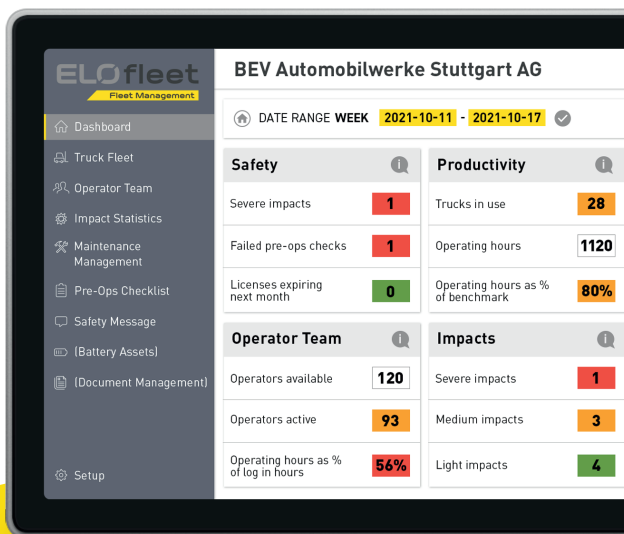|	
Safety status of the vehicle is ascertained	**Freely defined questions**
Multiple choice answers	**Easy app operation**

KPI*DASHBOARD
INTUITIVE AND WEB BASED

CLEAR DATA OVERVIEW

The individually configurable dashboard allows a clear overview of all fleet data, summarised in daily, weekly or monthly evaluations.

WHEREVER YOU NEED IT

Analyses are possible across multiple sites, with 10 standard reports included. Identify potential savings within your fleet operation, optimise the deployment of vehicles and improve your productivity.

ELOfleet
Fleet Management

- ⌂ Dashboard
- 🚜 Truck Fleet
- 👥 Operator Team
- ⚙ Impact Statistics
- 🔧 Maintenance Management
- 📋 Pre-Ops Checklist
- 💬 Safety Message
- 🔋 (Battery Assets)
- 📄 (Document Management)
- ⚙ Setup

BEV Automobilwerke Stuttgart AG

⌂ DATE RANGE **WEEK** **2021-10-11** - **2021-10-17** ✓

Safety	ℹ
Severe impacts	1
Failed pre-ops checks	1
Licenses expiring next month	0

Productivity	ℹ
Trucks in use	28
Operating hours	1120
Operating hours as % of benchmark	80%

Operator Team	ℹ
Operators available	120
Operators active	93
Operating hours as % of log in hours	56%

Impacts	ℹ
Severe impacts	1
Medium impacts	3
Light impacts	4

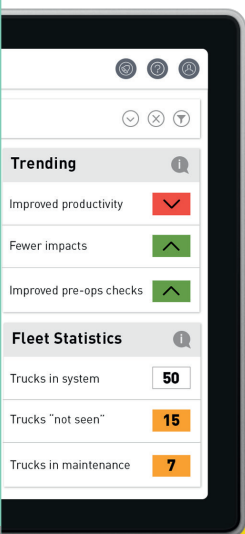**The dashboard - data at a glance**

*KPI = Key Performance Indicators

KPI*-DATA AND
IMPACT MANAGEMENT

BETTER **SAFE** THAN SORRY

Impacts can have an adverse effect on a vehicle's condition. To make sure that consequences are kept to a minimum, ELOfleet records accidents involving trucks by means of an MEMS sensor and categorises them according to severity. Subsequent actions can be triggered depending on severity and are adjustable. These can be for instance the activation of creep speed, the lockout of the vehicle or the requirement to complete a checklist.

KEY **FIGURES**

Trending	
Improved productivity	⌄
Fewer impacts	⌃
Improved pre-ops checks	⌃

Fleet Statistics	
Trucks in system	**50**
Trucks "not seen"	**15**
Trucks in maintenance	**7**

Operational times of individual forklifts and groups

Sensor times recording idling, lifting and seat activities

Login times (of a named / anonymous driver and of forklift / groups)

Impact recording

(subject to alterations)

OPTIMUM
SAFETY & QUALITY

OPTIMUM STANDARDS

ELOfleet allows you to operate your fleet much more efficiently for increased productivity in the warehouse. It also promotes more accountable standards of driving amongst your personnel which in turn boosts safety.

OPTIMUM SAFETY

All components are produced to the highest standards and comply with all current regulations and directives. Installation and commissioning is carried out by our own service engineers or trained technicians from our partner companies.

+ compatible with the VDI-Norm 4458

+ developed in Germany and manufactured according to ISO 9001

+ features standard interfaces

+ complies with all necessary regulations (CE, RED, FCC)

+ uses commonplace security encryptions for wireless technologies

ELOKON GROUP
SAFE WAREHOUSE. SAFE WORKFORCE.

ELOKON develops, manufactures and supplies cutting edge and award winning safety and assistance systems and a smartphone-based fleet management system for forklift trucks – worldwide.

Installed
safety & assistance systems

16.300

Customers	Countries worldwide	Forklift types
4250	**45**	**100+**

DIGITISATION AND SENSOR TECHNOLOGY

When developing new products, ELOKON looks to emerging trends in the automotive sector such as assistance systems and autonomous driving. These include Lidar technology, Car-to-Car and Car-to-X system solutions which guarantee higher levels of safety and productivity. We also incorporate advancements in digitisation in our range, such as new wireless and innovative sensor technology and cloud based product solutions.

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