

# ELOfleet

Fleet Management System

WORLD'S MOST  
**APP-CENTRIC**  
**FORKLIFT FLEET**  
**MANAGEMENT SYSTEM**

ELOKON

# GET MORE WITH ELOFLEET



## WORKFORCE AND MHE SAFETY



## FLEET PRODUCTIVITY

### **MORE** MATERIAL HANDLING SAFETY

The ELOfleet app provides forklift access control – using the built-in RFID reader of any Android smartphone – to make sure only trained, authorized drivers can use lift trucks. The app also creates and delivers electronic safety inspection checklists, and enables real-time reporting of forklift impacts.

### **MORE** FLEET PRODUCTIVITY

It's easier to collect forklift data when you use the built-in cellular/WiFi of your Android devices. And our cloud-based software's intuitive dashboards and drill-down reporting make it easier to analyze data, too. You can compare individual trucks, work groups, and entire sites across your organization. A deeper understanding of your most – and least – productive people will let you focus on improving efficiency where you need it most.

### **MORE** WORKPLACE SECURITY

Smartphone-based access control not only prevents unauthorized people from using your equipment, it also ensures safety due to trained forklift operators. This is especially important in facilities that handle hazardous materials, like chemicals or radioactive substances, or are potential targets for terrorism, like airports.

# KEY FEATURES

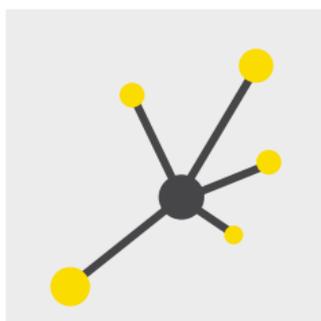


Smartphone (or other Android device) with intuitive app is mounted in vehicle cab.

# LOTS OF CHOICES FOR LIFT TRUCK DATA & COMMUNICATION

## LOTS OF TECHNICAL POSSIBILITIES

ELOfleet is the world's most app-centric forklift fleet management system. It works with virtually any Android smartphone or tablet. And you can access the system software through either the cloud or a local server inside your firewall. You choose whether to use your IT infrastructure or not.



## LOTS OF INFORMATION – ALWAYS AT HAND

Wherever you are, you can access all of ELOfleet's web-based data at any time – via smartphone, tablet, notebook, or desktop PC. Fleet and operator utilization data can also be exported through open system interfaces. And the data is standardized across all types of equipment – so no matter what brands or models you have, our OEM-independent system makes it easy to compare and evaluate data.



# FORKLIFT ACCESS CONTROL

## **AUTHORIZED** PERSONNEL ONLY

ELOfleet ensures that **ONLY** authorized personnel are allowed to operate forklifts. To use a forklift, operators have to log their company ID into a smartphone, using their RFID employee badge. A two-factor authentication PIN can also be added as an option.

### Three levels of authorization

<b>Operator</b>	<b>Maintenance personnel</b>	<b>Supervisors</b>
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ELOfleet's cloud configures and transmits access control authorizations to the fleet wirelessly. For users with privacy concerns, the system can also be used in **anonymous-driver mode**.

## TEMPORARY **LOCKOUT**

If a lift truck has to be taken out of service for scheduled maintenance, a safety check, or any other reason, you can lock it out wirelessly, through ELOfleet's cloud software and smartphone app. You can also temporarily block individual driving privileges – to manage lost company ID cards and /or expiration of a driver's license /training certification. Supervisors can also set up time-limited authorizations on an individual truck.



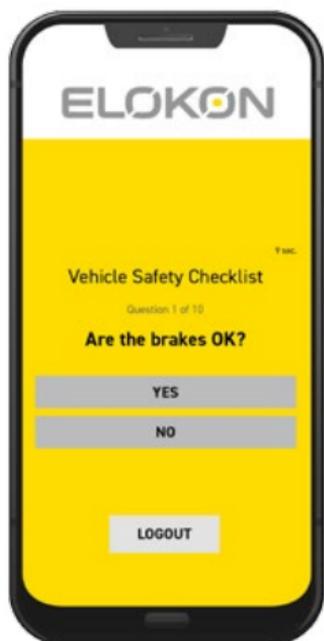
# CHECKLISTS FOR SAFETY COMPLIANCE

## BEFORE DRIVING

Before an authorized operator can use a lift truck, safety regulations require the completion of a safety inspection checklist.

ELOfleet makes it easy to set up and deliver these electronic checklists through its smartphone app. Operators answer a series of multiple-choice questions to confirm the truck is safe to operate. If problems are reported, the system can notify maintenance – in real time – and, if necessary, lock out the vehicle.

Customizable questions



## SAFETY UP FRONT

**Verify  
the safe operating  
condition of equipment**

**Improve  
material handling  
safety best-practices**

**Customizable questions  
and multiple-choice  
answers**

**Easy, automated  
management through  
smartphone app**

# KPI\* DASHBOARD

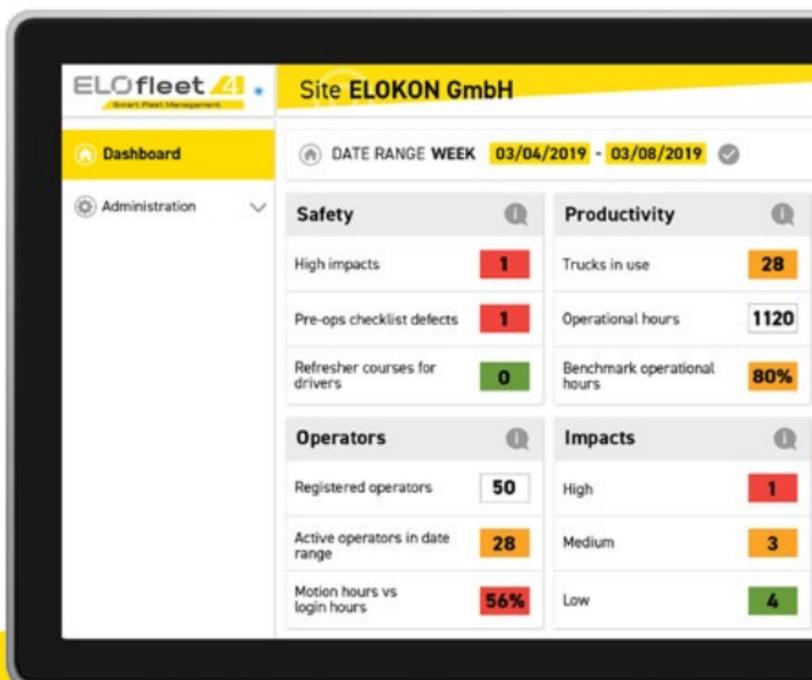
## INTUITIVE, WEB-BASED, CONFIGURABLE

### CLEAR OVERVIEW OF DATA

ELOfleet's data dashboard is configurable for each individual user and provides an instant, clear overview of all fleet data. Daily, weekly, and monthly summaries are available, with drill-down to every detail.

### WHEREVER YOU NEED IT

Data analysis is easy across multiple sites. Ten standard reports let you optimize fleet size, identify areas and people that need closer management, and improve your material handling productivity.



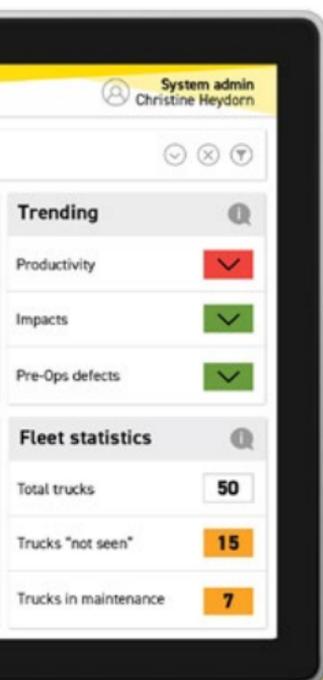
Sample dashboard – all the data you need at a glance.

\*KPI = Key Performance Indicators

# KPI\* DATA AND IMPACT MANAGEMENT

## BETTER **SAFE** THAN SORRY

Forklift impacts can cause costly damage to a facility and goods, as well as the forklifts themselves. Not to mention the cost of lost productivity. And if a forklift accident causes an injury, the costs can be exponentially higher. To promote safer driving habits, manage incidents more effectively, and cut the frequency and cost of forklift accidents, ELOfleet records impacts with a state-of-the-art MEMS sensor and categorizes them by severity. The system can react automatically in a variety of configurable ways, based on the severity of the impact. For instance, the system can slow the vehicle down to creep speed, lock out the vehicle, and/or require a safety inspection.



## KEY DATA POINTS

Operating activity  
of individual operators,  
equipment, and work groups

Operators can be identified or,  
for privacy, remain  
anonymous in reports

Sensor data includes motion,  
idling, lifting, and seat activity

Impact monitoring and recor-  
ding, with automatic reactions

# OPTIMUM

## QUALITY & PERFORMANCE

### HIGHEST STANDARDS

Built with a state-of-the-art smartphone app and cloud-based software, ELOfleet lets you manage your forklift fleet more easily and cost-effectively than traditional hardware-centric systems. All system components are produced to the highest quality standards and comply with all applicable international regulations and directives. System installation and commissioning are performed reliably by in-house service engineers or certified partner technicians.

### MAXIMUM SAFETY

You can rely on ELOfleet to hold forklift operators accountable for their driving, enforce safety best-practices, and improve material handling productivity.

**+ Quality-engineered in Germany**

**+ Manufactured with ISO 9001 certification**

**+ Meets industrial truck fleet management standard VDI 4458**

**+ Complies with all applicable regulations, including OSHA and FCC**

**+ Uses standard interfaces/technologies, including wireless security encryption**

**+ Reliable implementations by in-house service engineers or certified partner technicians**

# ELOKON GROUP

SAFE WAREHOUSE. SAFE WORKFORCE.

For more than 36 years, ELOKON has provided innovative industrial safety solutions around the world. Thousands of customers in over 45 countries trust ELOKON to design, build, and implement systems that improve workplace safety and increase material handling productivity.

Automatic forklift safety &  
operator-assistance systems installed

**16,300+**

Customers

**4,250+**

Countries  
worldwide

**45**

Forklift types  
installed

**100+**

## DIGITIZATION AND SENSOR TECHNOLOGY

In developing new safety solutions, ELOKON always looks for emerging best-practices – like lidar-based operator-assistance technology, autonomous driving systems, and vehicle-to-X wireless communications. We also incorporate advanced digital sensors and cloud-based data management in our solutions. All to provide our customers with the greatest safety, productivity, and satisfaction.

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