

# THE SOLUTION FOR FLEET MAINTENANCE CONTROL

### Planning. Management. Expenditure records.





# **SCOPE OF APPLICATION**

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### **PREVENTIVE MAINTENANCE**

To discover breakdowns at an early stage: cut down repair expenses and the time spent at the service station



#### **DOCUMENT MANAGEMENT**

Make sure driving permits, insurance policies, vehicle inspection certificates, and other documents are up-to-date.



### REPAIR

To know exactly what works are in progress, what spare parts are used, and how much it costs



#### **OTHER WORKS**

Car wash, routine inspection, and other minor works: consider all the time when the vehicle is idling and doesn't generate profit.









### **HEED USER PROFILE**

#### **COMPANY OWNER**

Adds maintenance control to the portfolio

### FLEET MANAGER/DISPATCHER

Automatically controls service works: without multipage Excel tables, paper registers, and card catalogs

### **VEHICLE OWNER**

Automatically controls service works: without multipage Excel tables, paper registers, and card catalogs











# **4 REASONS TO CONTROL MAINTENANCE**

RARE





# LOW-COST

Routine maintenance instead of costly critical breakdowns.





# LONGER Vehicle lifespan relieves you from buying new transport.

# HEALTHY

Fleets spend less time under repair and more time working for you.



# **HOW HEED CHANGES BUSINESSES**

**KEEPS YOU INFORMED** 

progress to stay tuned.



### **INSPIRES COMPLEX APPROACH TO MAINTENANCE**

Track all types of works, spare parts, and expenditures in one application - no more Excel and paperwork.



#### **AUTOMATES PROCESSES**

Create service work templates, assign them to a unit group, or adjust to individual vehicles in a few clicks.

**SAVES THE HISTORY** 



### **SAVES YOUR MONEY**

Track expenses on spare parts, maintenance works, car-care services, and documents to optimize the budget.



Receive online notifications on the upcoming works and work

Overview maintenance activities for each vehicle for up to 5 years.

## **HEED CORE FEATURES**

### MAINTENANCE DASHBOARD

Overview real-time analytics and statistics on fleet health and costs.

### NOTIFICATIONS

Receive alerts for upcoming and overdue service works.

### **LINE ITEM LIBRARY**

Add all works and items to HEED to register maintenance in a click.





### **EXPENDITURE RECORDS & REPORTS**

Let the system account for spare parts, service works, fuel, and vehicle utilization.

# HOW IT WORKS: ACTIVATION AND ADMNISTRATION

### **GET STARTED: ACTIVATION**

HEED allows creating accounts with different access rights for each employee involved in maintenance management.

Login to HEED and activate <u>Fleets</u>. Each <u>Fleet</u> may comprise all transport or only the vehicles supervised by a particular employee.

### **GET STARTED: ADMINISTRATION**

- Protect your information with access rights: decide who can view and edit maintenance data.
- Create <u>Fleets</u> groups of vehicles managed by each employee.
- Localize HEED: select a time zone, currency, and the system of measurements.
- Manage notifications: select the events you want to monitor, edit alert text, and configure notification channels.

		i ii						
HEED		Dashboard	Units	Intervals	Services	Reports	â	
Activation							Search	٩
American acc							Fleet activated	
○ American child							No fleet	
Imperial acc							Fleet suspended	
<ul> <li>Latin acc</li> </ul>							No fleet	0
<ul> <li>time zone</li> </ul>							No fleet	
	← Fleet: FleetA2							1.0
	Access rights	Service objects		Fleet settings	N	otifications.	Reports to	e-mail
							FI	eetA
	Users				Inter	vals	Services	Archive
	FleetA1				0	1	•	∕ 11
	FleetA2				©	/	01	/ 0
	FleetA3				0	1	0 /	/ 11
	FleetA2.1				O	1	⊙ /	/ 1
	FleetA2.2				C	/	⊙ / .	/ 11





Service objects	Fleet settings	Notification	s Repo	FleetA	
		Intervals	Services	Archive	
		0/	0/	1	
		0/	0/	/ 0	
		0/	01	/ 1	
		01	0/	/ 1	
		0/	01	/ 1	

### **HOW IT WORKS: DASHBOARD**

#### **A SINGLE SCREEN FOR ALL YOUR MAINTENANCE DATA**

#### • Statistics

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The number of vehicles and drivers that work vs. those idling at the service station. The former make the profit while the latter pump out the money.

#### • Services

Due, in progress, and overdue. Plan your work taking into account how many vehicles will be unavailable in the short run.

#### • Fleet maintenance costs

Including the cost per 1 km, engine hour, and fuel expenses.

\*Track expenses in dynamics and compare vs. mileage or engine hours. Is there any correlation? Or do vehicles get broken not even leaving the fleet yard?







# HOW IT WORKS: "UNITS" TAB

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### DATA ON MILEAGE, ENGINE HOURS, AND SERVICES of all vehicles in the list and complete information on each:

#### • "Cost per 1 km" parameter

Shows the most expensive vehicles in terms of maintenance.

#### • Location

On the map lets you check if the vehicle is at the right service station.

#### • Services and Intervals

Display works, spare parts, expenditures, and deadlines for each vehicle.

#### • Unit profile

Comprises a detailed description of the vehicle, for example, registration certificate data, VIN, vehicle type, etc.









### **HOW IT WORKS: SERVICES**

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A <u>Service</u> is a set of works scheduled for a vehicle: what to do and when, what spare parts to use, how much does it cost, and what is the expected outcome.

A <u>Service</u> shows that works are about to start or that the transport is already at the service station. The core function of the <u>Service</u> is to register maintenance activities for vehicles in the system.

### HOW TO USE IT?

- Schedule the "Oil change" <u>Service</u> for November 14, for example.
- On November 12, HEED will change its status to "Upcoming" and alert you about it.
- Contact a service station, register the vehicle, and notify the driver.
- On the oil change day, you change the status to "In progress."
- After the oil change, you change the status to "Closed."
- HEED shows all works & expenditures in reports and statistics.
- Attach bills or document scans to the <u>Service</u>.

rvices	
Upcoming S In progress Archive	
Service +	Unit
Huile/filtre	ABL_96335_2
Engine check	Euro0
Fuel system check	Euro0
Tyres check	Euro0
General maintenance	Euro0
Dil level check	MAN 1098
Brakes check	MAN 7865
Electronics check	Scania 7134
Dil level check	MAN 1098
Brakes check	MAN 7865
Electronics check	Scania 7134
Planned maintenance	MAN 6243
Maintenance	Euro0





	Dashboard	Units	Intervals	Service	es Reports	4	
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\$ Term of completion: Any	~	Created: /	Any			÷	Attachn
Overdue: 1 950 129 km		Automatic	ically (Huile/filtr	e)			Files: 1
Overdue: 1082 days		Automatic	ically (Engine ch	leck)			•
Overdue: 1090 days		Automatic	ically (Fuel syste	em check)			2
Overdue: 1089 days		Automatic	ically (Tyres che	ick)			2
Overdue: 1087 days		Automatic	ically (General n	naintenanc	e)		-
Overdue: 1102 days		Automatic	ically (Oil level)				5
Overdue: 1 900 752 km		Automatic	ically (Brakes ch	ieck)			1
Overdue: 1 900 752 km		Automatic	ically (Electronic	:s check)			-
Overdue: 1102 days		Automatik	ically (Oil level)				-
Overdue: 1 900 752 km		Automatic	ically (Brakes ch	veck)			-
Overdue: 1 900 752 km		Automatic	ically (Electronic	cs check)			÷
Overdue: 1 899 658 km		Automatie	ically (Planned r	naintenanc	;e)		-
Overdue: 3 904 099 km		Automatie	ically (Maintena	ince)			

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### HOW IT WORKS: INTERVALS

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An <u>Interval</u> is a template, where you can indicate a set of service works and their frequency for a particular vehicle type or group. At due time, an <u>Interval</u> will automatically create a <u>Service</u> and notify you about it.

For example, you defined the spare parts, costs, scope, and frequency of service works for all your trucks. You can specify them all in an <u>Interval</u> and apply it to all your trucks in a few clicks.

### 3 WAYS TO AUTOMATICALLY ASSIGN SERVICE Works to a vehicle:

- Time-based. An <u>Interval</u> activates a <u>Service</u> "every 24 hours, 7 days, monthly, annually" or at the exact date. It's a perfect option to automate routine inspections.
- Mileage-based. An <u>Interval</u> activates a <u>Service</u> after a certain number of kilometers driven. For example, an <u>Interval</u> can activate the "Tire change" <u>Service</u> every 50,000 km.
- By engine hours. The best option for construction machinery maintenance management. For example, in 250 engine hours, HEED will activate the "Maintenance" <u>Service</u> for the tower crane.

HERE'		Dashboard Units Intervals Services	Reports 🥼
Intervals			Cr
		Sear	ch C
interval +	Frequency	Advance notice	Assigned units
Trailer check	1000 km	100 km	0
Engine check	5000 km	100 km	0
Oil level check	3000 km	300 km	0
Brake pads change	440 km	60 km	0
Huile/filtre	10 000 km / 365 days	1 000 km / 36 days	1
Driver	3 days	1 day	1
Cabin check	365 days	36 days	1
General maintenance	365 days	36 days	1
Semi-week check	4 days	1 day	1
Cabin check	365 days	36 days	1
General maintenance	365 days	36 days	1
Semi-week check	4 days	1 day	1
Brake fluid check	2 days	1 day	1
Electronics check	7 800 km / 8 eh / 10 days	780 km / 1 eh / 1 day	1





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## HOW IT WORKS: LINE ITEM LIBRARY AND ALERTS

NOTIFICATIONS

Notifications keep you updated on all the <u>Services</u>: new and overdue, closed and rejected.

Instantly see what happens and click the pop-up window to overview the <u>Service</u> itself – double-check, edit, change the status, or just make sure everything is ok.

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#### **LINE ITEMS**

Manage all your expenditures in the "Line items" library. Add spare parts, works, fuel, and their prices. All the items and their costs become available when you create a <u>Service</u> or <u>Interval</u> and simplify expense management.

\*For example, you pay \$100 to change tires of a 9-ton Scania, plus \$300x4 for the tires themselves. Save this data in the library and use it for similar trucks. If the cost rises, correct one figure to update expenses for all vehicles.

		Dashboard
Line items		
Parts and labour Fuel		
Name	Type: /	Any
Spark plug	Part	
Spark plug replacement	Labour	
Fuel filter	Part	
Air filter	Part	
Fuel filter change	Labo	• • • •
Engine oil	Part	User settings
Engine oil change	Labo	Fleet Select Reet
Oil filter	Part	
		Parameters
		Language
		English
		Date format





	Service	e objects	Fuel fillings	Intervals	Services	Reports	Ni
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	~	Cost		٥.			
		12					
		80					
		43					
		126					
js							
						You 🗹	ifications can receive colline notificati To do In progress O Overdue
R3							() pointed

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YYY (21 Nov 2018) -	

# HOW IT WORKS: REPORTS AND STORAGE

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#### **REPORTS**

In HEED, we offer preset reports without any unneeded information. We kept the parameters attributed to maintenance only:

- archived services;
- the correlation of closed, rejected, and overdue services;
- the total cost;
- etc.

One-click export to a file is available for all types of reports.

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#### STORAGE

HEED stores the data on all fulfilled <u>Services</u> for all vehicles in the system. Access it in one click from anywhere, anytime, for up to 5 years!

					Dashboard Units	Intervals Services	Reports 🋕
Archived services for unit Al	.BL_96335_0 (2018-08-16 - 7	2018-11-13)					
	Description	Status: All				Overdue	Mileage
• ••••••		UNACU	2010-00-20				
Engine check		Closed	2018-10-05	2018-10-05	1 day	121	2313563
Fuel system check	-	Closed	2018-08-29	2018-08-29	1 day	-	2147975
Cabin check	100	Closed	2018-08-29	2018-08-29	1 day	स्त	2147975
General maintenance	-	( Rejected	H	2018-10-30	E.	<b>.</b>	-
Tyres change	-	Closed	2018-10-02	2018-10-02	1 day	5 <b>2</b> 1	2299803
Electronics check	-	Closed	2018-10-02	2018-10-02	1 day	с <del>н</del> .	2299803
Trailer check	1 <b>5</b> 4	Closed	2018-08-21	2018-08-22	1 day	5 <b>5</b> .	2147975
Emergency maintenance	-	Closed	2018-10-05	2018-10-05	1 day	-	2313563
Electronics check	-	Closed	2018-10-02	2018-10-02	1 day	-	2299803
Trailer check	-	Closed	2018-08-21	2018-08-22	1 day	-	2147975
Emergency maintenance	-	Closed	2018-10-05	2018-10-05	1 day	-	2313563
Carwash	e,	Closed	2018-10-05	2018-10-05	1 dey	æ	2313800
otal (Services: 14)		⊘ 13 ⊗ 1			13 days		





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### P.S. WATCH HEED IN ACTION. EASY AS 1-2-3









# THANKS FOR Watching

# FIND MORE FLEET MANAGEMENT APPS ON KLOUDSKY



