

KLOUD-DISTRIBUTION

Get more deliveries done over the same time

Route planning. Delivery monitoring. Communication with buyers.



SCOPE OF APPLICATION

Delivery of all types of goods under control



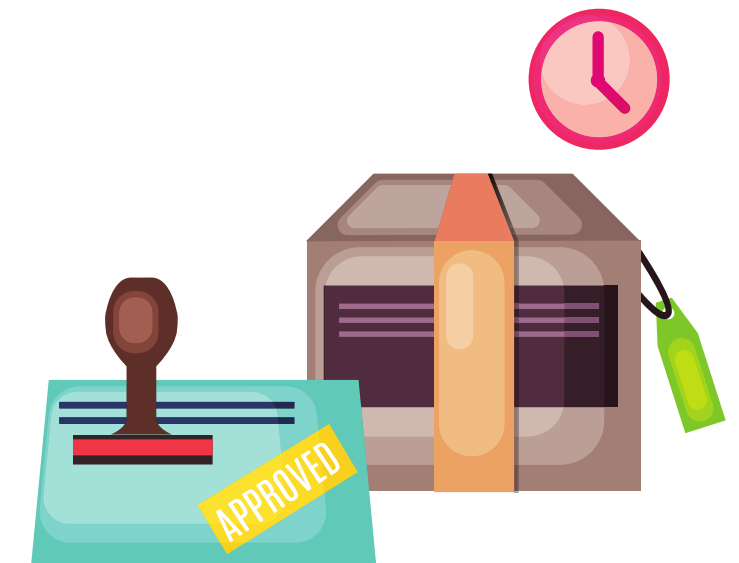
SUPERMARKETS

Food, consumer goods, FMCG,
and any other items from your
stores



ONLINE MARKETPLACES

Electronics, cloths, and
home appliances of any type
and size



COURIER SERVICES

Parcels to private
correspondence, KLOUD
DISTRIBUTION has it covered

WHO BENEFITS?



Managers save time on planning routes and distributing orders among vehicles. The system does it automatically.

Drivers get routes on their smartphones, contact dispatchers in one click, and have order details at hand.



Couriers add comments and photos to an order if something goes wrong.



Buyers know when the driver is coming and can see his movements on their smartphone

WHY CONTROL DISTRIBUTION?



More goods delivered
in the same time
with smart planning
options



Less miles driven
due to optimised
routes



No paperwork. All
documents and order
details stored online
and never lost



Routes rearranged
for last minute
orders to make all
possible deliveries



Mistake-free delivery
as dispatchers,
drivers, and clients
communicate

TOP FEATURES



Quick creation and import of orders from your internal accounting system without the need of integration.



Links to couriers' movements for buyers. Customers will watch the goods coming, and the link will expire automatically after delivery.



Planning of routes based on warehouses and showrooms locations with estimated delivery time to plan for next trips.



Analytics, statistics, and reports on performed deliveries with the option to compare planned vs. actual routes.



HOW IT WORKS? DASHBOARD

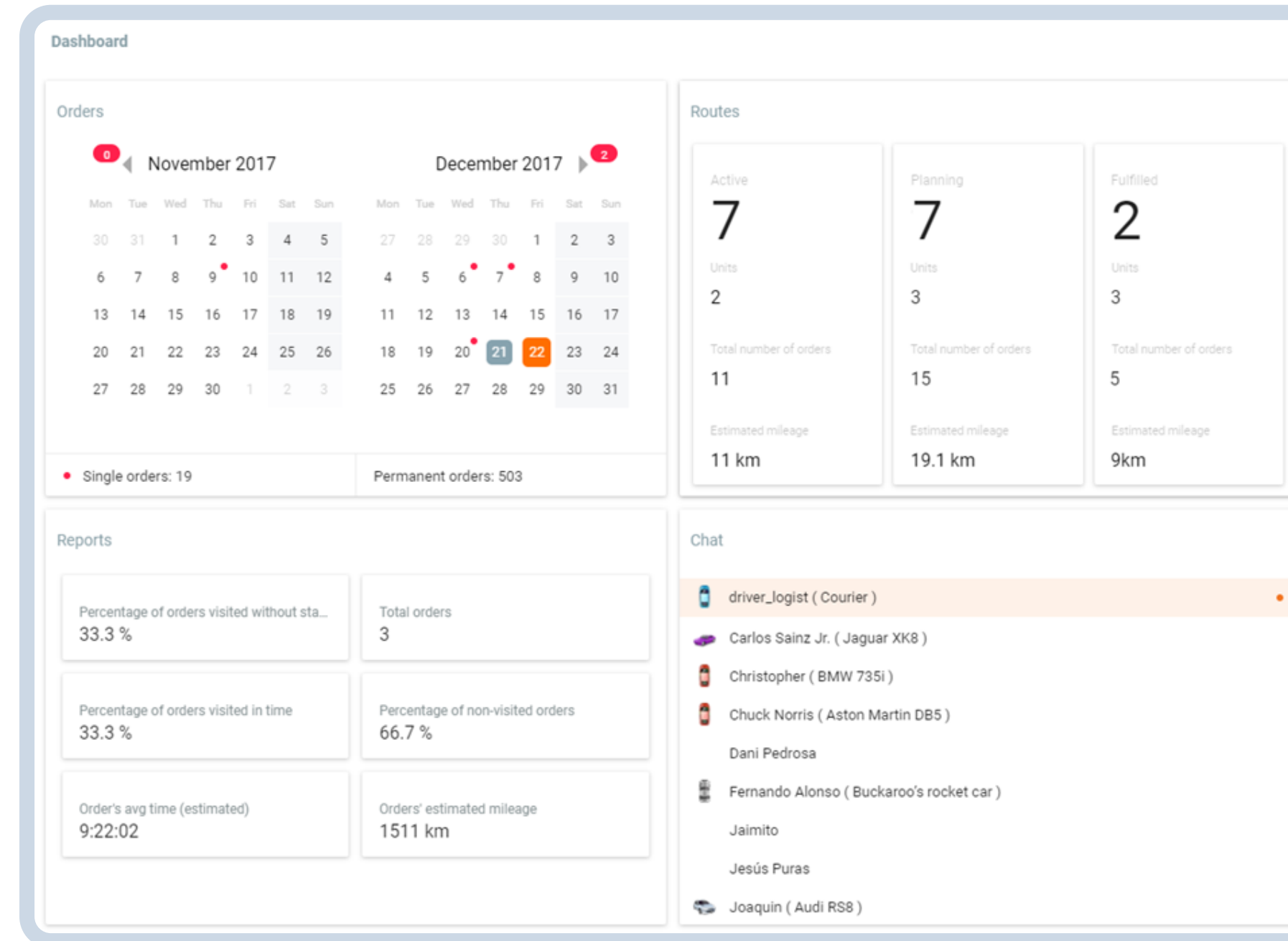


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The big picture of distribution

Dashboard presents summary information and allows one-click access to Orders, Routes, Reports and Chat:

- Orders section is a calendar showing days with undistributed orders, and the number of single and permanent orders.
- Routes section displays summary of active, planned, and fulfilled routes.
- Reports section features statistics on the last report for the previous day.
- Chat section indicates unread messages from your drivers.



HOW IT WORKS? ORDERS



1

Create orders

Add orders with detailed description:

- Type: single or permanent for repeated deliveries
- Details: address, name, description, and cost
- Client information: name, phone number, and e-mail
- Loading parameters: weight, volume, unloading time
- Delivery: time interval, radius, and vehicle type

The screenshot shows a 'Logistics' dashboard. On the left is a sidebar with navigation options: 'NEW ORDER', 'IMPORT ORDERS', 'ROUTES', 'REPORTS', and 'CHAT'. Below this is a search bar and filters for 'Orders type' (set to 'Single'), 'Delivery interval', 'Warehouse' (set to 'Without warehouses'), and 'Warehouse parameters' (with checkboxes for 'Geofences' and 'Tags'). The main area displays a table of 20 orders. Each row includes a checkbox, an order ID, a name, an address, a delivery interval, unloading time, comments, cost, weight, volume, vehicle type, phone number, and tags. Below the table, there are summary statistics: Total weight (0 kg), Total volume (0 m3), Total cost (0 \$), and Total number of orders (0). To the right of the statistics is a map showing the delivery routes and locations of the orders.

	Name	Address	Delivery interval	Unloading time	Comments	Cost	Weight	Volume	Vehicle type	Phone	Tags
<input type="checkbox"/>	Order 4	One Str., 8	15 Mar 08:00 – 18:00	2 min		204 545 \$	15 kg	20 m3			
<input type="checkbox"/>	Order 7	Elm Street, 1	17 Mar 08:00 – 18:00	2 min		4 545 000 \$	13 kg	20 m3			
<input type="checkbox"/>	Order 6	Elm Str., 32	17 Mar 08:00 – 18:00	2 min		204 \$	1 kg	20 m3			
<input type="checkbox"/>	Order 32	Elm Str., 2	17 Mar 08:00 – 18:00	2 min		204 \$	15 kg	20 m3			
<input type="checkbox"/>	Order 1	Elm Str., 24	17 Mar 08:00 – 18:00	2 min		204 \$	13 kg	20 m3			
<input type="checkbox"/>	Order 2	Elm Str., 16	17 Mar 08:00 – 18:00	2 min		204 545 \$	13 kg	20 m3			
<input type="checkbox"/>	Order 379	Elm Str., 2	14 Mar 10:45 – 17:00	20 min		78 000 000 \$	800 kg	12 m3	Truck	+375296830357	20TH
<input type="checkbox"/>	Order 380	Elm Str., 3	14 Mar 10:45 – 17:00	2 min		204 545 \$	13 kg	20 m3	Car	+375299079277	
<input type="checkbox"/>	Order 381	Elm Str., 13	14 Mar 10:45 – 17:00	0 min		4 545 000 \$	15 kg	20 m3		+375336308749	
<input type="checkbox"/>	Order 382	Elm Str., 33	14 Mar 10:45 – 17:00	0 min		98 765 000 \$	1 kg	122 m3		+375296464307	
<input type="checkbox"/>	Order 397	Elm Str., 14	15 Mar 10:45 – 18:02	3 min		46 \$	500 kg	10 m3	Car	+375445741442	
<input type="checkbox"/>	Order 398	Elm Str., 23	15 Mar 10:45 – 18:02	20 min		78 000 000 \$	800 kg	12 m3	Truck	+375296830357	20TH
<input type="checkbox"/>	Order 399	Elm Str., 3	15 Mar 10:45 – 18:02	2 min		204 545 \$	13 kg	20 m3	Car	+375299079277	
<input type="checkbox"/>	Order 400	Elm Str., 12	15 Mar 10:45 – 18:02	0 min		4 545 000 \$	15 kg	20 m3		+375336308749	
<input type="checkbox"/>	Order 401	Elm Str., 12	15 Mar 10:45 – 18:02	0 min		98 765 000 \$	1 kg	122 m3		+375296464307	

2

Import orders

Upload order list from your accounting system:

- Add CSV or XLSX files in one click
- Edit multiple orders at once and rearrange pre-distributed orders

The screenshot shows the 'New order' form. It has two main sections: 'Order details' on the left and 'Client information' on the right. The 'Order details' section includes fields for 'Order name' (with a red error message 'This field is required'), 'Address' (also with a red error message), 'Radius, m' (set to 100), 'Weight, kg' (set to 0), 'Volume, m3' (set to 20), 'Delivery interval from' (set to 23 Mar 08:00), 'Delivery interval to' (set to 23 Mar 18:00), 'Unloading time, min' (set to 2), 'Priority' (set to 0), 'Vehicle type' (set to 2), 'Comment', and 'Tags'. The 'Client information' section includes fields for 'Client name', 'Phone 1', 'Phone 2', and 'E-mail'. At the bottom right, there is an 'ATTACH FILE' section with an 'UPLOAD' button.

HOW IT WORKS? PLANNING



3

Select orders from the list

- Find the necessary order faster with filtration by the core fields, delivery time, tags, and warehouses.
- See addresses of the selected orders on the map.

4

Select vehicles for delivery

- The system selects the most suitable vehicles and distributes orders based on their characteristics.

5

Approve order distribution

- Overview preliminary routes featuring minimum distance and time for a delivery.
- Re-optimize the route automatically or manually by adding new orders.

	Name ↑	Address	Delivery interval	Phone
✓	1 Client1	Vor der Seelhorst, Seelhorst 30519, Hannover, Germany	2016-Mar-05 10:00 – 12:00	+7785441101011
✓	2 Client2	Hildesheimer Straße 314, Laatzen 30880, Hannover, Ger...	2016-Mar-05 13:00 – 14:00	
✓	3 Cruz Cabrera	Bay	2016-Mar-08 10:00 – 20:00	
✓	4 Don Han ABC	Luỹ Bán Bích, Vietnam, Hồ Chí Minh	2016-Mar-04 20:00 – 22:00	+840983111222

1 2 3 39 orders selected

Orders

Total weight
1196 kg

Total volume
466

Total cost
12 295

Total number of orders
39

	Name ↑	Delivery interval	Estimated arrival	Estimated mileage	Address
✓	5 Miami 1		06-01-2018 09:00 – 10:35	61.1 km	
	S Dixie Hwy Warehou...	06-01-2018 09:00 – 18:00	06-01-2018 09:00		S Dixie Hwy 13501, Miami, FL 33156,
1	221	06-01-2018 09:00 – 18:00	06-01-2018 09:21	12.0 km	Amalfi Avenue 417, Miami, FL 33146,
2	223	06-01-2018 09:00 – 18:00	06-01-2018 09:39	7.2 km	Nw 11Th St 3790, Miami, FL 33126, U
3	233	06-01-2018 09:00 – 18:00	06-01-2018 10:01	8.0 km	Sw 25Th Rd 421, Miami, FL 33129, US
4	239	06-01-2018 09:00 – 18:00	06-01-2018 10:35	33.9 km	S 17Th Avenue, Hollywood, FL 33020,
5	Miami 2		06-01-2018 09:00 – 10:42	85.6 km	
4	Miami 3		06-01-2018 09:00 – 09:55	25.1 km	
5	Miami 4		06-01-2018 09:00 – 11:24	161.4 km	

1 2 3 15 orders selected, 4 units assigned, 4 routes built

BACK SAVE

HOW IT WORKS? CONTROL



6

Monitor delivery process

Track active, planned, and fulfilled routes in real time:

- View order statuses: confirmed, rejected, missed, visited with advance or delay.
- Monitor route performance on the map with markers for each route point.
- Compare estimated vs. actual routes with arrival time and mileage on the map or in the list.
- Enter the chat with drivers in one click

7

Access delivery data online

- Overview detailed information on routes, delivery points, and statistics on the number of orders and routes.
- Download or print routes and road plans



The screenshot displays the KLOUDiP delivery management interface. At the top, there is a table listing orders with columns for Name, Arrival time, Mileage, Address, Phone, and Client. Below the table, there is a section for 'Bricks for Capitol' showing estimated and actual arrival times and mileage. To the right, a map shows the delivery route with markers for each stop. A tooltip for the 'Green Car (Baseball uniform)' stop provides details about the delivery point and the customer.

Name	Arrival time	Mileage	Address	Phone	Client
0/5 Green Car	2016-May-19 20:00...	2427.0 km	Hawthorne Blvd 28, Salem, MA 01970, USA		
1 Serfing equipment	20:00	0 m	N 23Rd St 720, Wilmington, NC 28405, USA	+4492760999765865	Mr. Serfer
2 Bricks for Capitol	2016-May-20 00:53	582.3 km	N Greenmount Dr 1460, Alexandria, VA 22311, USA	+4491038546112321	Mr. D.C.
3 Baseball uniform	2016-May-20 04:06	330.8 km	Water Falls Rd, Nicktown, PA 15762, USA	+4409283564518233	Mr. Baseball Player
4 Urgent Order	2016-May-20 11:22	836.4 km	Old Colony Ter 2, Dorchester, MA 02125, USA	+4412312312312399	Mr. Very Respectable Gentleman
5 Less Urgent Order	2016-May-20 18:06	677.4 km	Kinburn Side Rd, West Carleton, ON K0A, Canada	+4457012948571598	Ottawa Senator

Bricks for Capitol
N Greenmount Dr 1460, Alexandria, VA 22311, USA
Estimated arrival: 2016-May-20 00:53
Actual arrival:
Estimated mileage: 582.3 km
Cost: 0 Pyc
Weight: 1000 kg
Volume: 1000 kg
Vehicle type:
Mr. D.C.
Phone: +4491038546112321
Buttons: EDIT, CONFIRM, REJECT

Green Car (Baseball uniform)
20:00 — 22:00 2016-May-20 04:06
For my favourite team
Water Falls Rd, Nicktown, PA 15762, USA
Mr. Baseball Player
+4409283564518233

If a courier attached a document, photo, or customer's signature to an order, you can quick-view it in the table, information block, and tooltips on the map.

HOW IT WORKS? ANALYSIS



8

Build reports

Get information about active, planned, and fulfilled routes.
View reports on drivers, vehicles, and their groups.
Analyse deliveries by order statuses.

Add 25 parameters to reports, including:

- Estimated vs. actual arrival time and mileage.
- Deviations between actual and estimated values.
- Vehicle departure time.
- Temperature: minimum and maximum, initial, final, and average.
- Fuel spent on delivery.
- Weight and volume of goods in the order
- The total cost of the goods in the order.



Statistics

Total orders
18

Percentage of orders rejected
0.0 %

Avg time deviation in orders
2 days 2:53:44

Order's avg volume
242

Orders

Route/Orders	Driver	Estimated arrival time		Deviation	Estimated mileage	Actual mileage	Estimated ti...	Status
Warehouse 1	me	14 Mar	18:34:52	0:00:00	3.83 km	0.00 km	0:19:20	
Route 3	me	15 Mar	08:00:00	-8:44:42	0.00 km	0.00 km	0:00:00	
Simple	me	15 Mar	08:00:00	-8:44:42	0.00 km	0.00 km	0:00:00	Confirmed
Route 4	me	15 Mar	08:00:00	-8:45:04	0.00 km	0.00 km	0:00:00	
Harder	me	15 Mar	08:00:00	-8:45:04	0.00 km	0.00 km	0:00:00	Confirmed
Route 5	me	15 Mar	12:56:06	-0:39:37	23 km	25 km	1:21:40	
Beer	me	15 Mar	12:56:06	-1:15:54	0.00 km	0.62 km	0:00:00	Confirmed
Order 393	me	15 Mar	13:22:53	-0:07:16	11.26 km	2.72 km	0:26:47	
Order 396	me	15 Mar	13:28:00	0:03:41	2.72 km	8.13 km	0:05:07	
Order 395	me	15 Mar	13:40:13	0:40:38	6.99 km	0.00 km	0:12:13	
Order 394	me	15 Mar	14:02:46	-0:06:32	2.10 km	12.54 km	0:22:33	
Order 395	me	15 Mar	14:17:46	0:05:46	0.00 km	0.62 km	0:15:00	

Reports with detalization feature 10 more parameters, including wait time, drivers, and comments to orders.

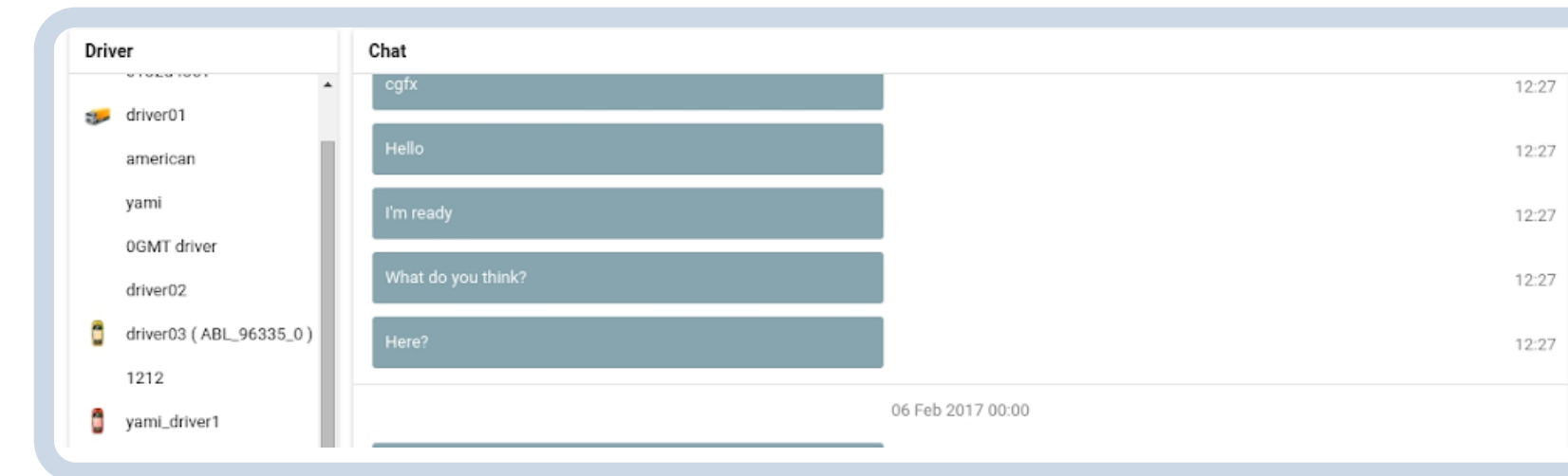
HOW IT WORKS? CONTACT



9

Chat with drivers

Select any driver in your fleet to discuss any issues online and view photos sent from a mobile app.



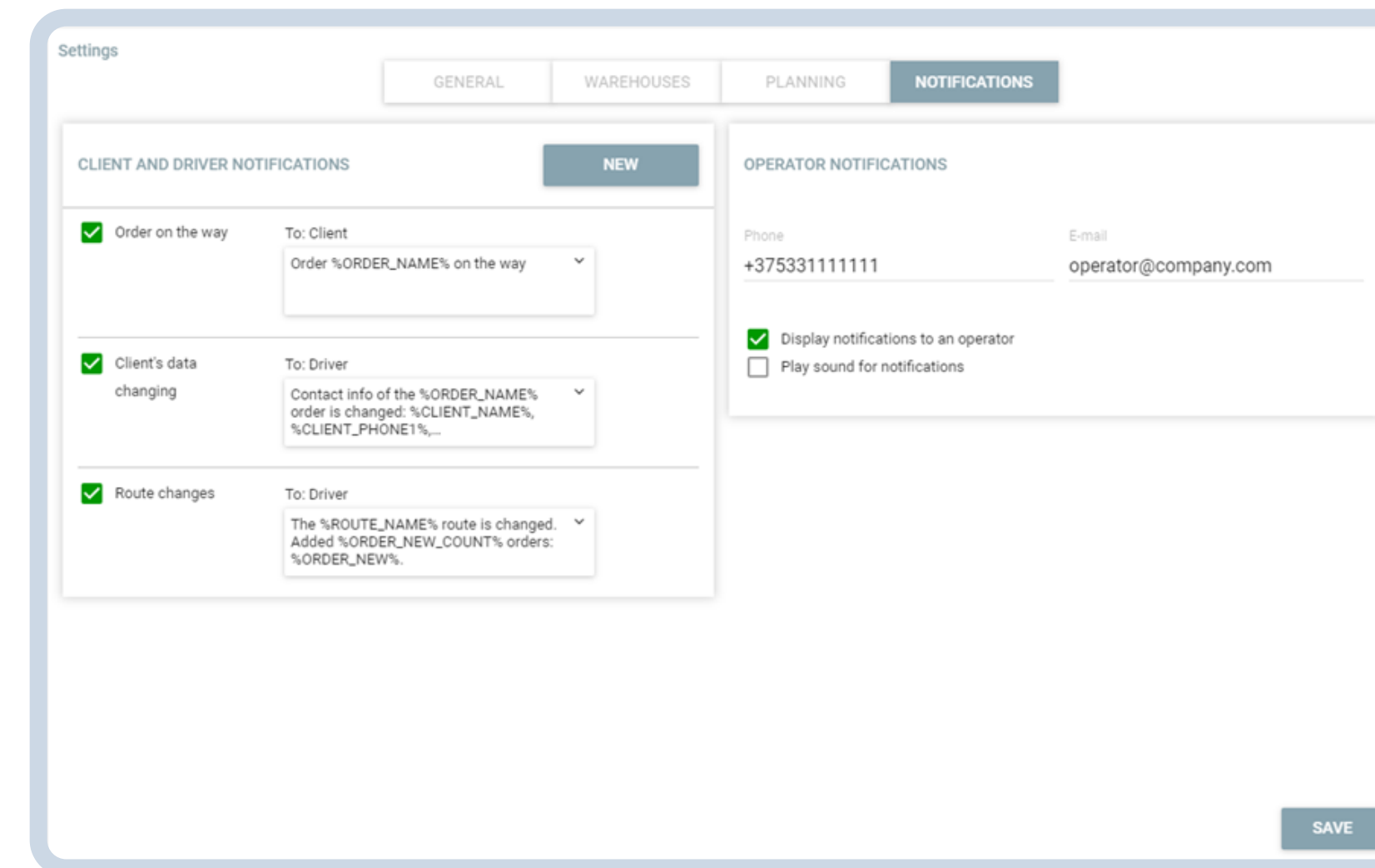
10

Receive and send notifications

Send notifications to clients, drivers, and operators.

- 5 notifications types to the client's email or phone, including time and distance to delivery.
- 13 notification types to the driver's mobile app on any changes with routes or orders.

You can also send the links with courier's location to buyers. They can track the path of their goods until the delivery point where the link will automatically expire.



HOW IT WORKS? SETTINGS



11

General settings

- Set up sending notification to email, mobile, or both
- Choose an address provider for routing accuracy
- Pre-set default order parameters to quickly create new orders

The screenshot shows the 'Settings' page with the 'GENERAL' tab selected. It contains several configuration sections: 'RESOURCE' with a dropdown set to 'AppDemo'; 'MAP PROVIDER' with 'Map provider' set to 'Google', 'Autozoom' set to 'Enabled', 'Travel mode' set to 'Driving', and 'Route parameters' set to 'With traffic'; 'IMPORT ORDERS' with 'Date and time format' set to '24.04.2018 20:45', 'Notification method' with 'E-mail' selected, and 'UNITS OF MEASUREMENT' with 'Cost' set to '1000' and 'Effective capacity' set to '10000'.

12

Warehouses settings

- Create a warehouse to build delivery routes considering the place of loading.
- Attach vehicles to particular warehouses for faster order distribution
- Attach delivery areas to warehouses for optimised route building.

The screenshot shows the 'Settings' page with the 'WAREHOUSES' tab selected. It displays a list of existing warehouses: 'Smart Tech ALG' at '56 Bouchbouk, Dely Ibrahim, Algeria' and 'WH 1' at '301 E 103 Terrace, Kansas City, MO'. Below the list is a form to 'Add warehouse' with fields for 'Name' (required), 'Phone', 'Address' (required), 'Working hours' (set to '08:00 - 18:00'), and 'Unloading time, min' (set to '15'). There are also fields for 'Comment (order)' and 'Tags'. At the bottom are buttons for 'ATTACHED GEOFENCES' and 'ATTACHED UNITS'. A map on the right shows the location of the new warehouse being added.

HOW IT WORKS? SETTINGS



13

Route planning settings

Configure parameters for route optimisation.

- Set up speed coefficients in and outside the city for precise delivery time estimation.
- Add warehouses as a starting and end points when creating a route.
- Enable carrying and effective vehicle capacity to be considered in order distribution.
- Plan visits in strict or arbitrary order.
- Configure route validity parameters like mileage, duration, number of orders, and idling time
- Choose route rearrangement rules if validity parameters are infringed.



Settings

GENERAL

WAREHOUSES

PLANNING

NOTIFICATIONS

DISTRIBUTION OPTIMIZATION

Routing provider

Gurtam

Speed index inside city

slow

x1

fast

Speed index outside city

slow

x1

fast

Initial warehouse

Chandler Way Warehouse

Intermediate warehouse

Without warehouses

Final warehouse

Watery Lane Warehouse

ACTIONS

☐ Use valid route

☐ Visit a warehouse

☒ Create separate routes

ROUTE VALIDITY PARAMETERS

Mileage, km

☒ 50

Duration, min

☒ 90

Orders

☒ 5

Idling, min

☒ 10

☒ Carrying capacity

☒ Effective capacity

ROUTE SETTINGS

Route auto completion

At certain time

Time (HH:MM)

23:59

Orders should be visited

Arbitrary

SAVE

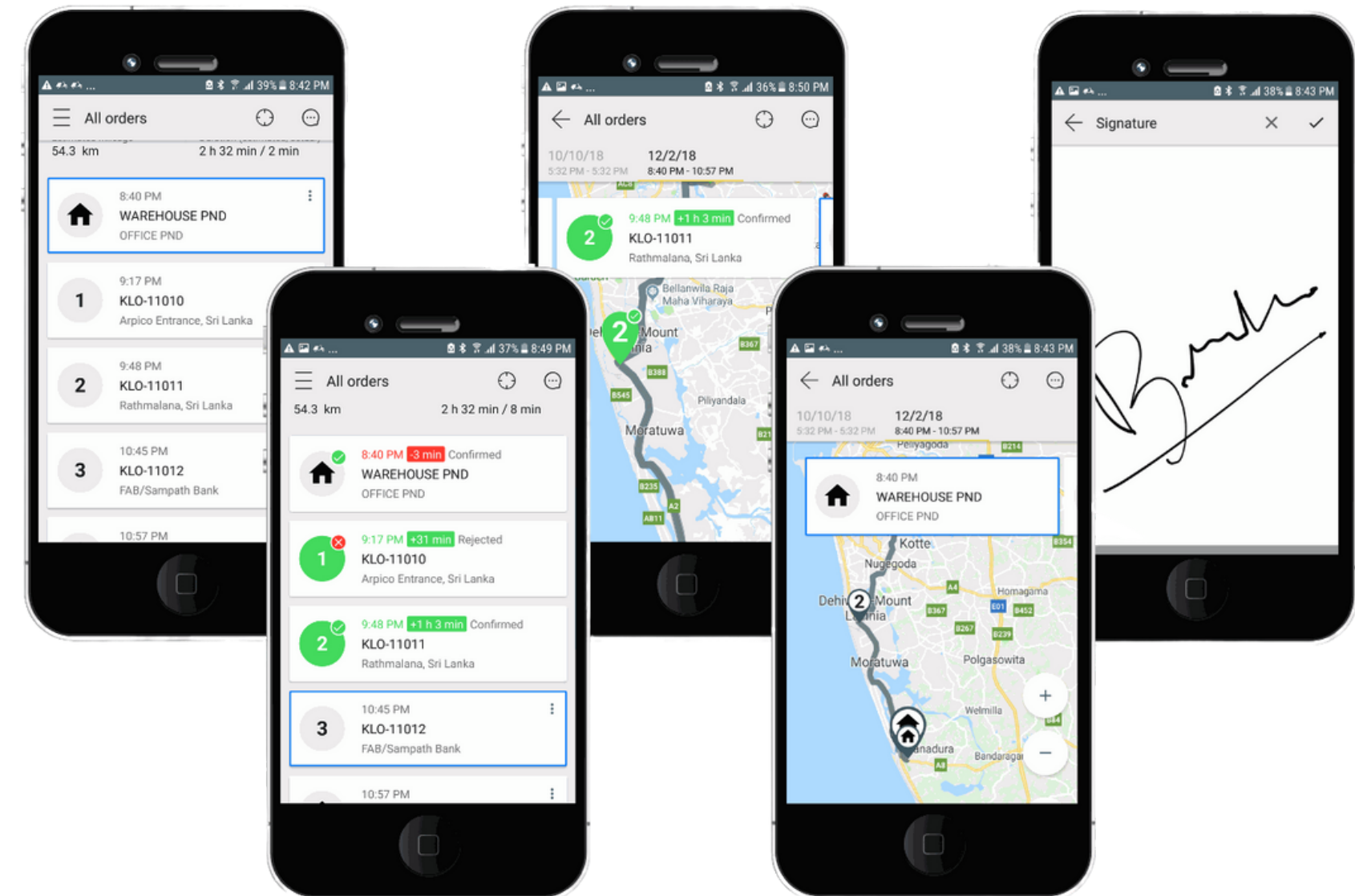
MOBILE APPLICATION



14

The solution for drivers

- View the list of orders and routes on the map.
- Build the route to a delivery point with external navigation apps.
- Change order statuses, add comments and photos to keep dispatchers informed.
- Notify dispatchers of events and call clients.
- Confirm a delivery by attaching a customer signature.
- Turn drivers' smartphones into GPS trackers.
- Receive push-notifications on orders, routes, and delivery process.



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