

Planning. Control. Analytics

minlon

Scope of application _____

NimBus helps to manage the fleet of vehicles following predefined routes:



Stops Create route points or import them from third-party systems



Routes Create chains of stops, add schedules, and assign units



Rides

Automatically create rides based on schedules and operation patterns of active routes



Monitoring

Control ride performance in real time, monitor delays, hurries, and route deviations



Reports

Get access to rides history, estimate their quality in terms of units and routes







NimBus user profile _____



Dispatcher

Controls rides online and promptly reacts to emergency situations



Fleet manager

Reduces mileage, downtime, fuel costs, and eliminates unauthorized rides







Fleet owner

Makes decisions based on objective data in reports

How NimBus changes businesses?



Keeps you informed

Notifications tell about the ride progress and attract the dispatcher's attention to emergency situations

Becomes the development platform

Open API helps to create unique solutions in the passenger transportation sphere

Keeps passengers informed

"Locator" tool shares the location and movements of transport with passengers







Saves the history

Information on the rides to be used in reports is available for 100 days

Why use NimBus? _____







How it works? Administrator interface



Get started: Activation

- Sign in to NimBus under a top-level account;
- Activate "Depot" for lower-level accounts.

***Depot** is the storage for all stops, routes, schedules, rides history, and other information on the service.



Get started: Administration

- Protect your information with access rights: decide who can view and edit stops, schedules, and rides data.
- Create and edit route groups: limit the list of routes available to the user.
- Localize the system: set the time zone, daylight saving time period, and ride activation time.
- Go on working in the user interface.

Activation • Imperial • Cust_Serv • Llike_dealer • Major_Cust_Serv

IMBUS							ATION
Administration: Cust_Serv							
Access rights Depot settings							
Search Q							
Users	Admin	Patterns	Stops	Group	Routes	Rides	Online
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	Depot activated	
	Depot activated	
	Depot activated	
	No depot	0
	No depot	0

How it works? "Dashboard" _____

Analyze the overall fleet performance. "Dashboard" tab displays the summary of depot contents. All the data is updated in real time.

Stops

The total number of stops in the depot and the number of stops for each means of transport

Routes

The total number of routes in the depot and the number of routes for each means of transport

Rides

The total number of active and upcoming rides as well as rides active now, overlapping, and rides with no unit

Monitoring

The number of rides on time, behind schedule, ahead of schedule, with no unit, and with no units assigned









How it works? Stops

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Create and edit stops:

- Add waypoints of any shape in two clicks or select their location in the address search field
- Import stops from .kml/.kmz files
- Specify transport type for advanced search in the list and on the map
- Identify stops not involved in routes







How it works? "Routes" __



Manage routes:

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- **Generate** routes with precise schedules, individual operation patterns, and assigned units
- Add hundreds of schedules for various circumstances and create schedules based on the existing ones
- **Change** stops sequence by drag & drop or replace one stop by another
- Use dynamic search and filtration by vehicle type, route number, name, etc
- ***Operation patterns** determine the periods when the schedules should be active (weekdays, seasons, roadworks periods, etc.)





How it works? "Rides"



Plan rides:

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- Automatically create rides based on the schedules and operation patterns of active routes
- View planned rides for any date and manage rides within the following week
- Use dynamic search and filtration to identify rides with no assigned units
- Plan rides for schedules valid for longer than 24 hours
- Group rides by routes and units for handy data display

III NIMBUS		STOPS ROUTES RIDES ONLIN	ie reports 🤗
Routes ~ Ra All ~ 14.09.2017	3 😺 3 199		Search Q
5A Eastern Avenue 854 — Fellsway W 279			🔀 1 🖉 29 🦙 1
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11:20 - 11:39 0bject_1_veLe 1 11:40 - 11:59 12:00 - 12:19 0bject_1_veLe 1 12:20 - 12:39 Object_1_veLe 1 0bject_1_veLe 1 0bject_1_veLe 1 0bject_1_veLe 1 0bject_1_veLe 1 0bject_1_veLe 1	13:00 - 13:19 13:20 - 13:39 13:40 - 13:5 Object_1_VeLe 1 Object_1_VeLe 1 Object_1_VeLe 1	P. 14:00 - 14:19 Object	14:59 14:50 - 15:09 15:00 - 15: 1_VeLe 1* Object_1_VeLe 1* Object_1_V
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09:00 - 20:25 School bus 1 09:05 - 20:30 School bus 2 11:50 - 12:15 School bus 5 12:00 - 12:25 School bus 1 12:05 - 12:30 School bus 1	12:10 - 12:35 12:15 - 12:40 12:20 - 12:4: School bus 3 School bus 4 School bus 5	5 12:25 - 12:50 School bus 6 12:30 - 12:55 School bus 1 12:35 - School	13:00 bus 2 * 12:40 - 13:05 School bus 3 * School bus
<			*
■ 133 E 7th Street – Day Boulevard			💟 0 🔍 48 🦙 8
12:00	13:00		14:00
12:10 - 12:35 12:20 - 12:45 12:30 - 12:55 12:40 - 13:05 13:40 13:40 14:40 13:40 13:40 13:40 14:40 13:40 13:40 14:40 13:40 14:40 14:40 14:40 14:40 14:40 14:40 14:40 14:40 14:40 14:40 14:40 14:40 14:40 14:40	13:00 - 13:25 13:10 - 13:35 13:20 - 13:41 \$ School bus 6 \$ School bus 7 School bus 1	5 13:30 - 13:55 * School bus 2 * School bus 3 * School	14:15 bus 4 * 14:00 - 14:25 School bus 5 * School bus
4			•



How it works? "Blocks"



Work with blocks:

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*Block is a chain of schedules which are executed successively by one unit and belong to the routes with the same number and type of transport.

• Create blocks by selecting necessary routes, schedules, and operation patterns

• Filter blocks by operation patterns

all All	~									
								+	Search	Q
B1 08:00 - 20:33									~	
08:00	09:00	10:00	1	11:00		12:00		13:00		14:00
08:00 - 08:33 straight 08:35 - 08:43 Back direction	09:00 - 09:33 09 straight Ba	2:35 - 09:43 ack direction 10:00 - 10:33 straight	10:35 - 10:43 Back direction	11:00 - 11:33 straight	11:35 - 11:43 Back direction	12:00 - 12:33 straight	12:35 - 12:43 Back direction	13:00 - 13:33 straight	13:35 - 13:43 Back direction	14:00 - 14: straight
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:20	11:	20		14:20			17:20			20:20



How it works? "Online tracking"



Control rides in real time:

- Use a handy timeline and notifications to control late/early arrivals, deviations from the route, etc.
- Identify late/early arrivals and problematic rides be means of color marking and special indicators
- View tooltips for stops and units for additional information
- Replace transport on the already started route in case of breakdown
- Control the distribution of vehicles across the routes





STOPS ROU	TES RIDES ONLI	NE REPORTS 🐥	
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we, Waltham 📭	tour through the bridge		
9 10 11 ·································	GM Sceniccruiser PD4501-771	06:00 - 06:43	
	GM Silversides	06:00 - 06:43 -2 min	
	GM Sceniccruiser	06:00 - 06:43 +3 min	
	Neoplan	06:00 - 06:43	
St, Stoneham	Le Mirage от Prevost	06:00 - 06:43 -3 min	A 2
9 10 11 ·································	Setra S407 CC	06:00 - 06:43	
0 0 0	BCI Falcon 45 Coach	06:00 - 06:43	+7 min
in St, Middleton			
9 10 🛱 11	12 13	1 5 16	17

-4 min

-1 min

How it works? "Reports"



Analyze the fleet performance:

- Examine ride history and assess performance quality
- Generate basic and detailed reports in terms of routes and units
- Execute reports for the intervals of up to 100 days
- Export reports in .xlsx
- Compare data in report tables with ride performance on the map

III NIMBUS				STOPS	ROUTES RIDES	ONLINE REPORTS	
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Rides of unit Object_1_vele 1231235	(RTY) 34520-340						↓ .xisx
Route	Date 💠 Schedule	Beginning End	Duration	Avg deviation	Max hurry Max	delay Stops	Result
5A Eastern Avenue 854 – Fellsway W 279	01.09.2017 09:30 - 09:49	01.09.2017 09:26 01.09.201	7 09:43 17 min	5 min	6 min 0 m	in 10/20	Fulfilled
5A Eastern Avenue 854 — Fellsway W 279	01.09.2017 09:55 - 10:14	01.09.2017 09:52 01.09.201	.7 10:08 17 min	4 min	5 min 0 m	in 10/20	Fulfilled
5A Eastern Avenue 854 — Fellsway W 279	01.09.2017 10:20 - 10:39	01.09.2017 10:18 01.09.201	.7 10:34 17 min	3 min	4 min 0 m	in 10/20	Fulfilled
5A Eastern Avenue 854 – Fellsway W 279	01.09.2017 10:40 - 10:59	01.09.2017 10:31 01.09.201	7 10:34 4 min	24 min	24 min 0 m	in 3/20	Fulfilled
5A Eastern Avenue 854 – Fellsway W 279	01.09.2017 11:00 - 11:19	01.09.2017 10:52 01.09.201	7 11:00 9 min	18 min	18 min 0 m	in 4/20	Fulfilled
5A Eastern Avenue 854 – Fellsway W 279	01.09.2017 11:20 - 11:39	01.09.2017 11:10 01.09.201	7 11:26 17 min	11 min	12 min 0 m	in 10/20	Fulfilled
5A Eastern Avenue 854 – Fellsway W 279	01.09.2017 11:40 - 11:59	01.09.2017 11:36 01.09.201	7 11:52 17 min	5 min	6 min 0 m	in 10/20	Fulfilled
5A Eastern Avenue 854 – Fellsway W 279	01.09.2017 12:00 - 12:19	01.09.2017 12:02 01.09.201	7 12:18 17 min	2 min	0 min 3 m	in 10/20	Fulfilled
5A Eastern Avenue 854 – Fellsway W 279	01.09.2017 12:20 - 12:39	01.09.2017 12:10 01.09.201	7 12:18 9 min	20 min	20 min 0 m	in 4/20	Fulfilled
5A Eastern Avenue 854 – Fellsway W 279	01.09.2017 12:40 - 12:59	01.09.2017 12:32 01.09.201	7 12:44 13 min	13 min	15 min 0 m	in 7/20	Fulfilled
5A Eastern Avenue 854 – Fellsway W 279	01.09.2017 13:00 - 13:19	01.09.2017 12:54 01.09.201	7 13:10 17 min	7 min	9 min 0 m	in 10/20	Fulfilled
5A Eastern Avenue 854 – Fellsway W 279	01.09.2017 13:20 - 13:39	01.09.2017 13:20 01.09.201	7 13:36 17 min	1 min	3 min 1 m	in 10/20	Fulfilled
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