

New opportunities of NimBus: a major app update

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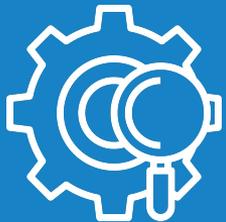
Plan

- ◆ Online 2.0 presentation
- ◆ Step by step NimBus setup
- ◆ 3 ways to work with the app
- ◆ Q&A



Online 2.0

What it is?



Online 2.0 is a new version of the system tracking module. This module is responsible for:

- receiving data from units;
- processing incoming messages;
- selection of a strategy for the processing.



Why change anything?

Some of the popular requests are really hard (or just impossible) to implement within the existing architecture of the app.

Online 2.0

Before

NimBus started receiving unit messages **5/10 minutes before the start of the ride.**

Previously, rides activation was tied only to time and schedule.



After

In the Online 2.0 mode the system **constantly receives and analyzes messages** from units binded to routes or manually assigned to rides.

A new type of rides activation was added: by visiting a stop (geofence).



What were our goals?

- keep the existing use cases of the app;
- add new functionality;
- prepare the system for further development.



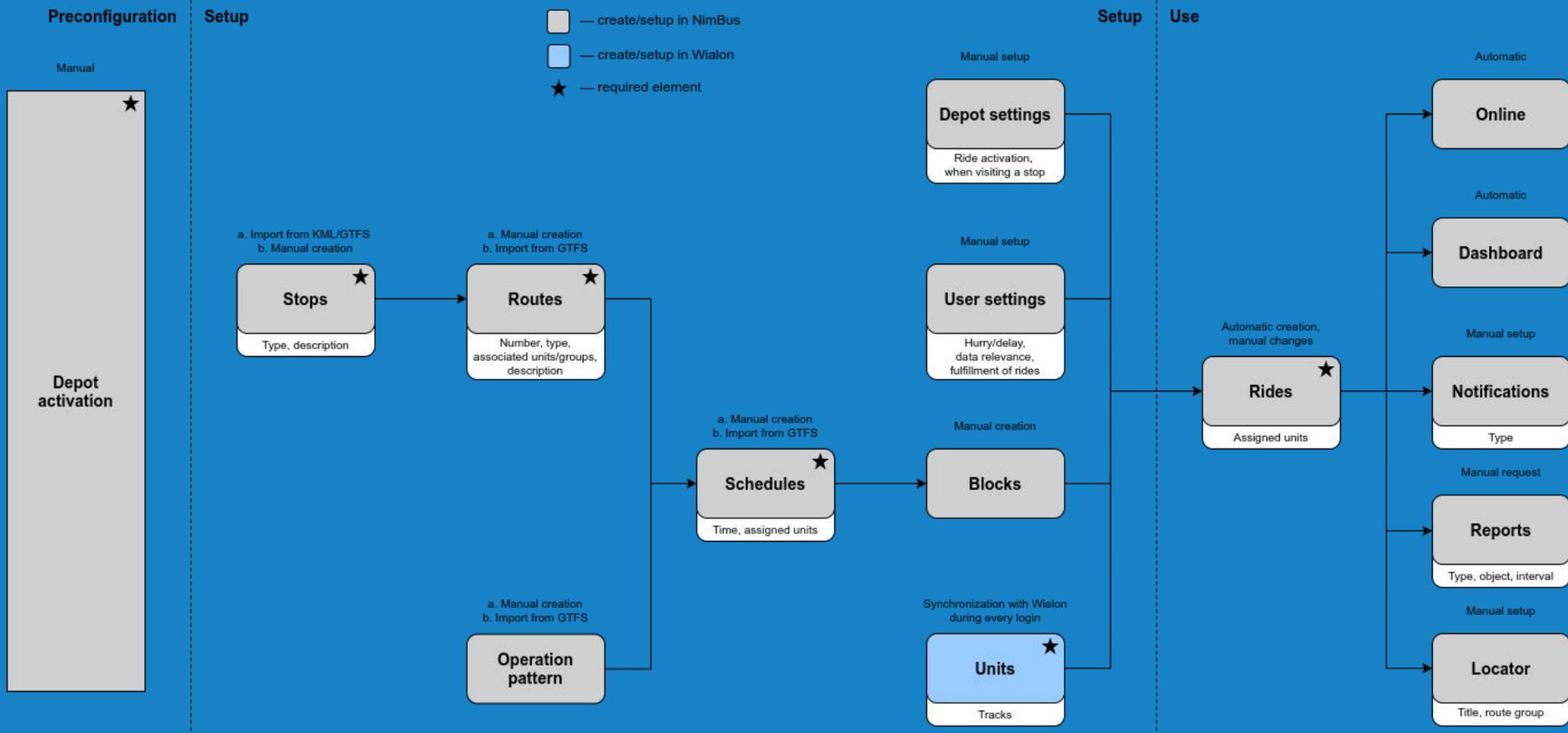
What's new now?

- assign units to rides automatically;
- create circular routes;
- improved message processing for self-intersecting routes.

Online 2.0



NimBus workflow



To run NimBus you need

Wialon Hosting

- Service «NimBus» in the account settings

Wialon Local

- Separate DNS + configuration in the administration system
- Service «NimBus» + access to the site in the account settings
- flespi token
- Gurtam Maps

3 ways to work with NimBus



1. Units are assigned to schedules in advance.
2. Dispatcher assigns units for the rides at the beginning of the working day/shift.
3. The first to go unit is assigned.



**Time for
questions
(and answers)**



Thanks for your attention!

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