Wialon Hosting. Results and Plans

Telematics 2018
Partner conference

Tatsiana Kots, Gurtam
Business Analyst, Wialon Data Center

Pavel Chabay, Gurtam
Quality Assurance Engineer, Wialon Data Center

What we will speak about

- Results of the year
- Statistics and analytics
- Problems and solutions
- Plans for Wialon development

Common results

Wialon Hosting: Growth

+270 000 (+40%)

Total units 990 000

+81 000 (+45%)

Total users 270 000

Wialon Hosting: Integrations

200

New hardware types

37

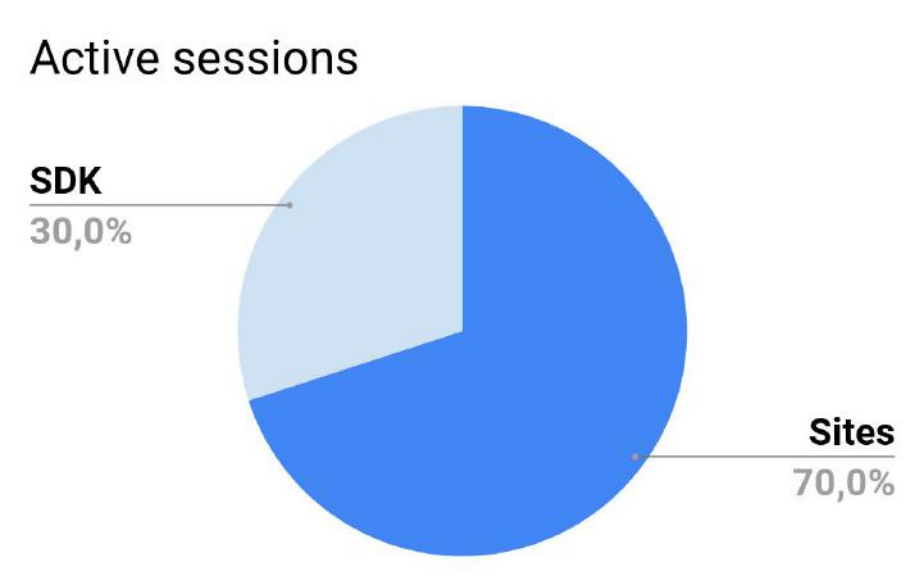
Hardware manufacturers

>30 000

New launched devices on new hardware

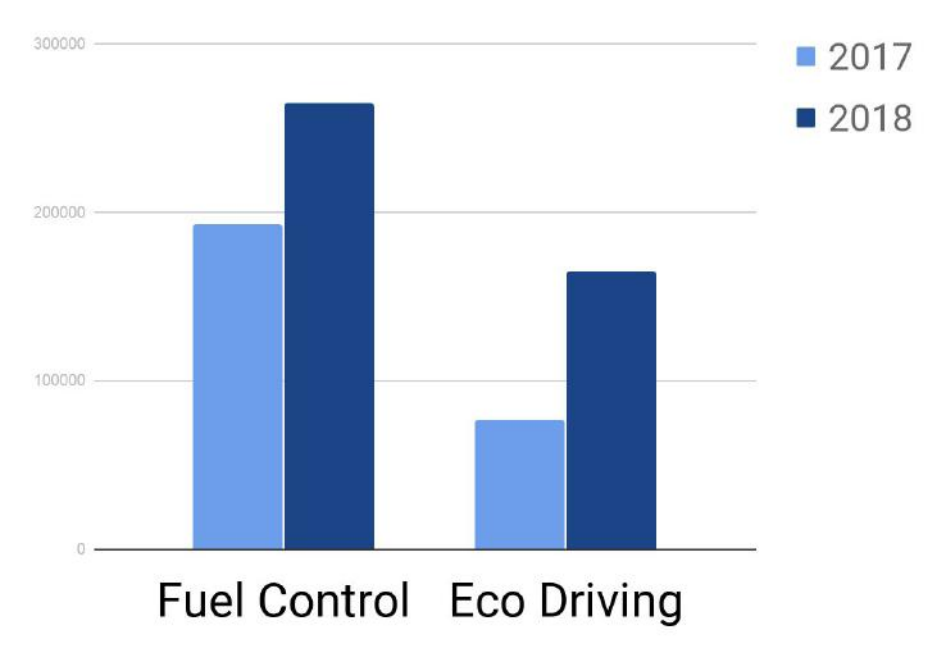
Statistics and Analytics

Wialon SDK usage



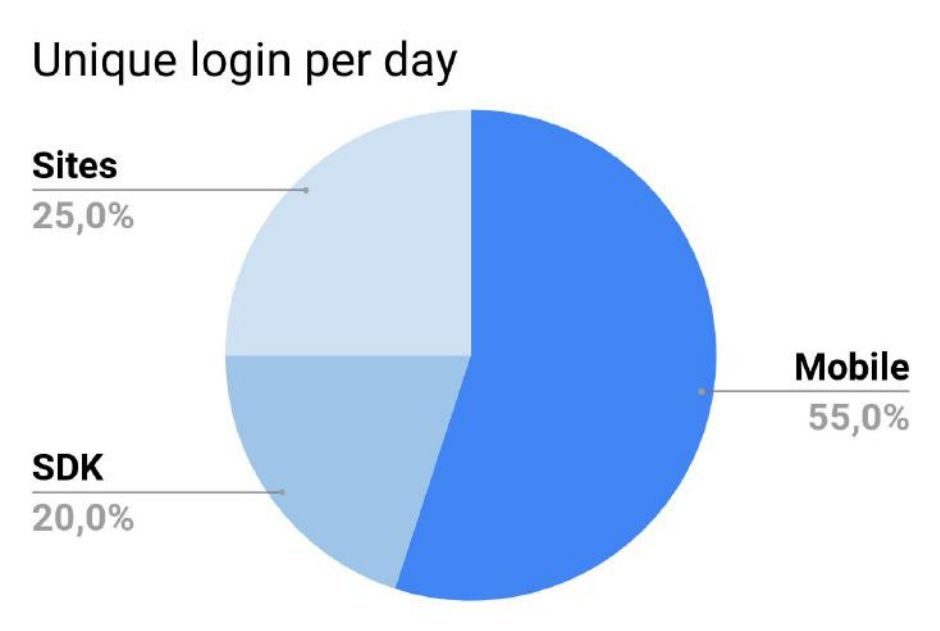
Every third user in the system works through Wialon SDK

Popular functionality



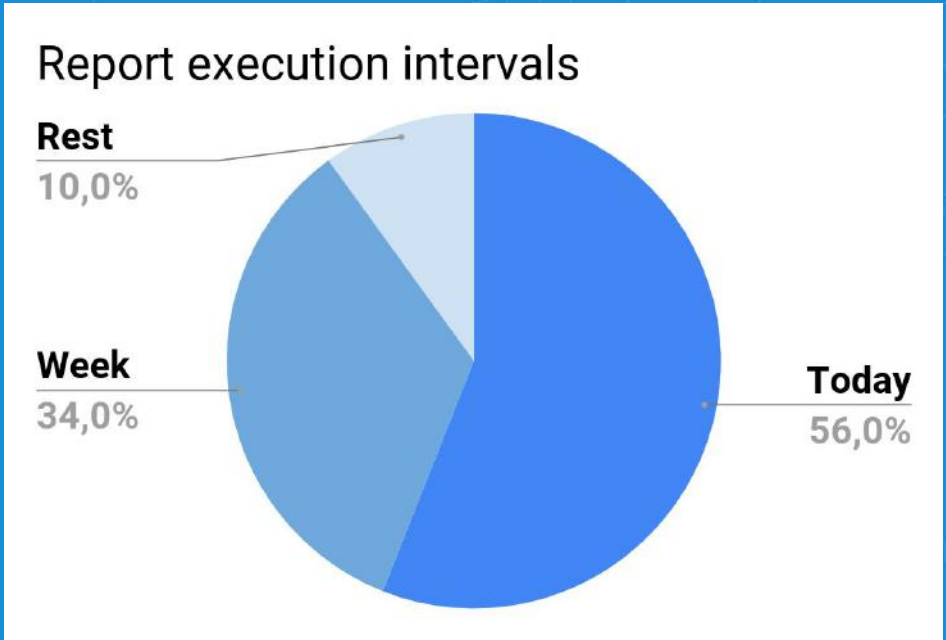
Fuel Control holds the position
Eco Driving gain the popularity

Platforms



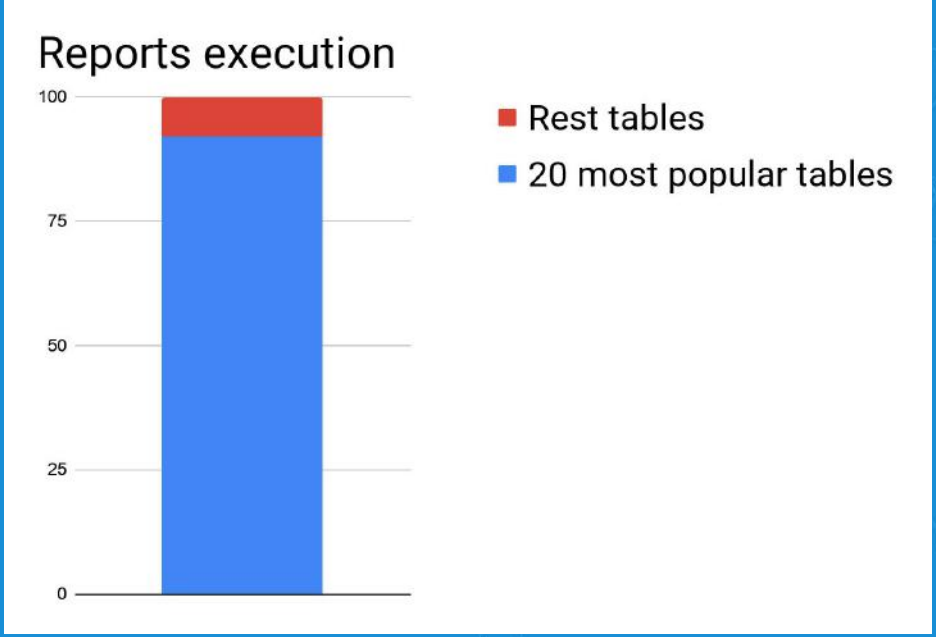
Every second user uses the **Wialon Mobile** to solve everyday tasks

Reports execution



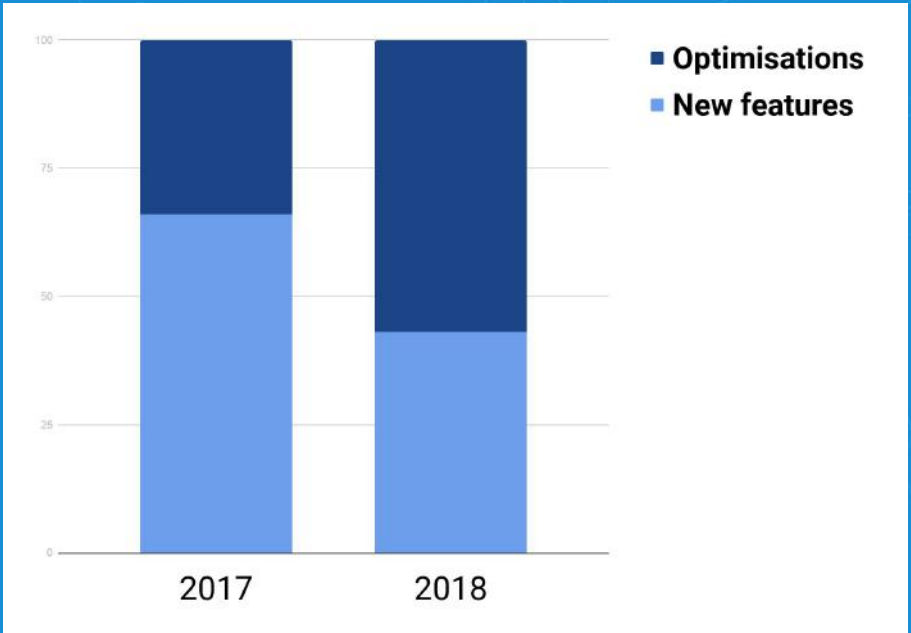
The main use of reports is to obtain up-to-date data

Reports execution



92% uses
20 tables out of 146!

Resource management



In the current year, we paid great attention to the stability and productivity of Wialon

Problems and solutions

Service unavailability

Issue

- Backbone networks
- Filtering transcontinental UDP traffic
- Temporary inoperability of certain areas

Solution

New Data Centers

- Netherlands
- Moscow
- **USA**

The impact of some users on others

Issue

- Growth of units and users
- Long initial service initialization
- Significant load on communication gateways

Solution

- Improvement of service initialization mechanisms
- Modernized equipment
- Second infrastructure in the Netherlands

Wialon Hosting updates

Issue

- Log out of users in the middle of an update

Solution

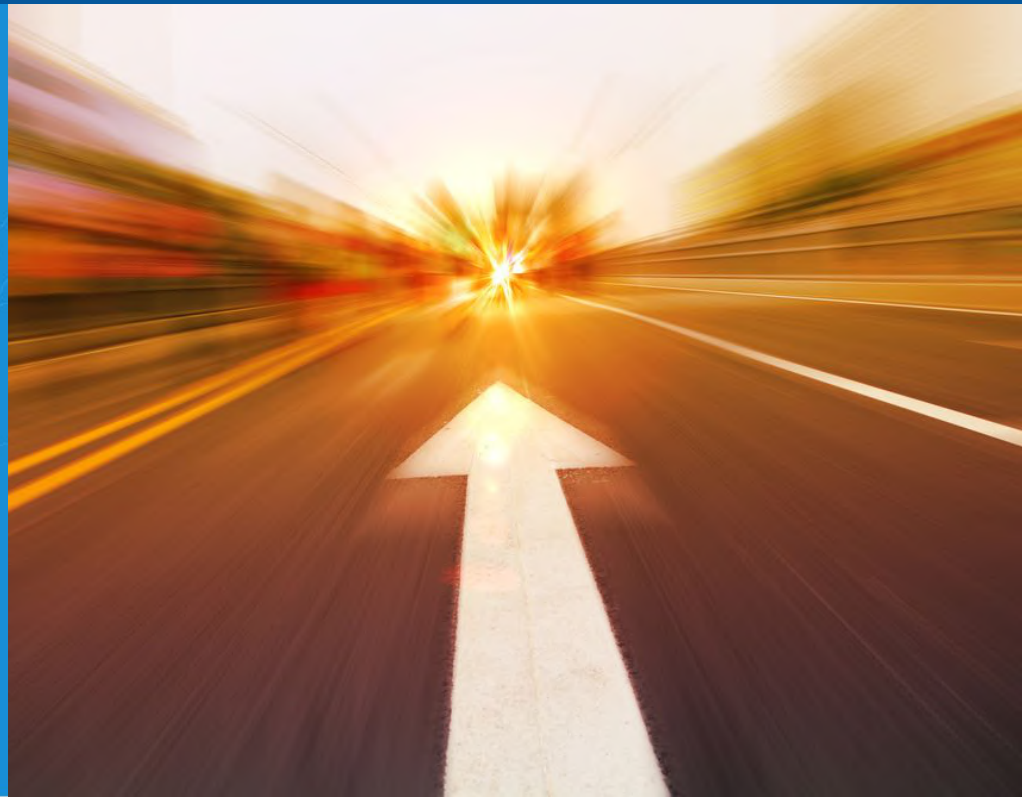
- Smart balancing mechanism: user will login only to updated and working servers

Plans for evolution

- Current functional improvement

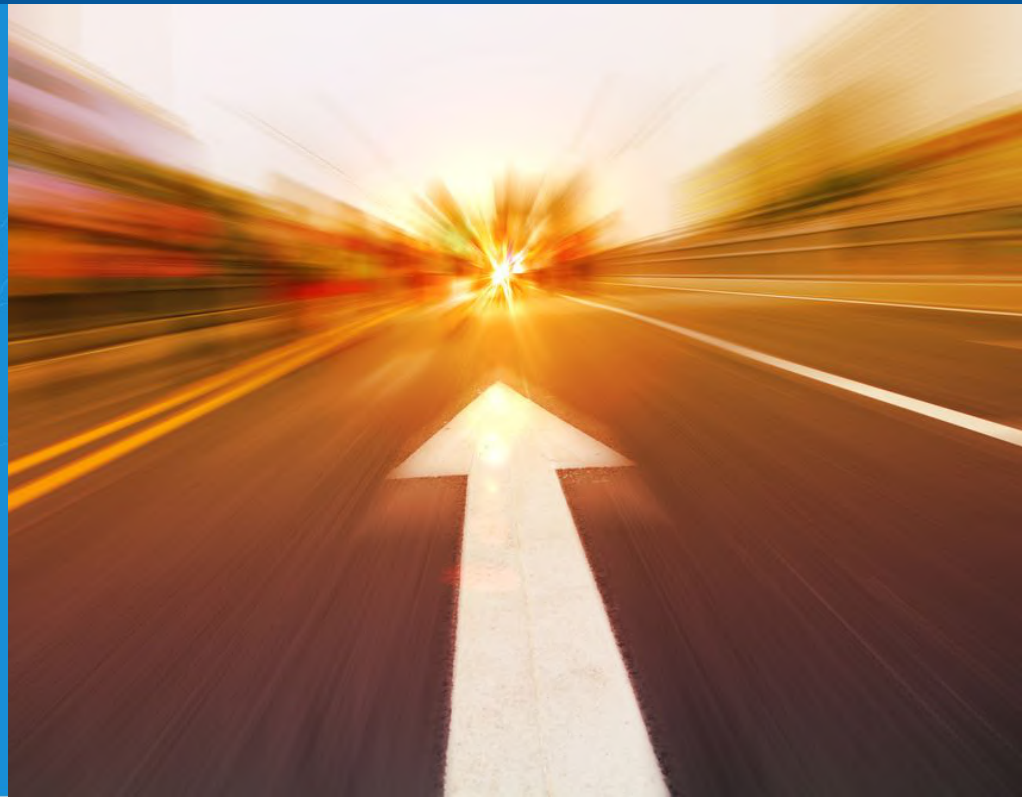
25%

of all requests were approved



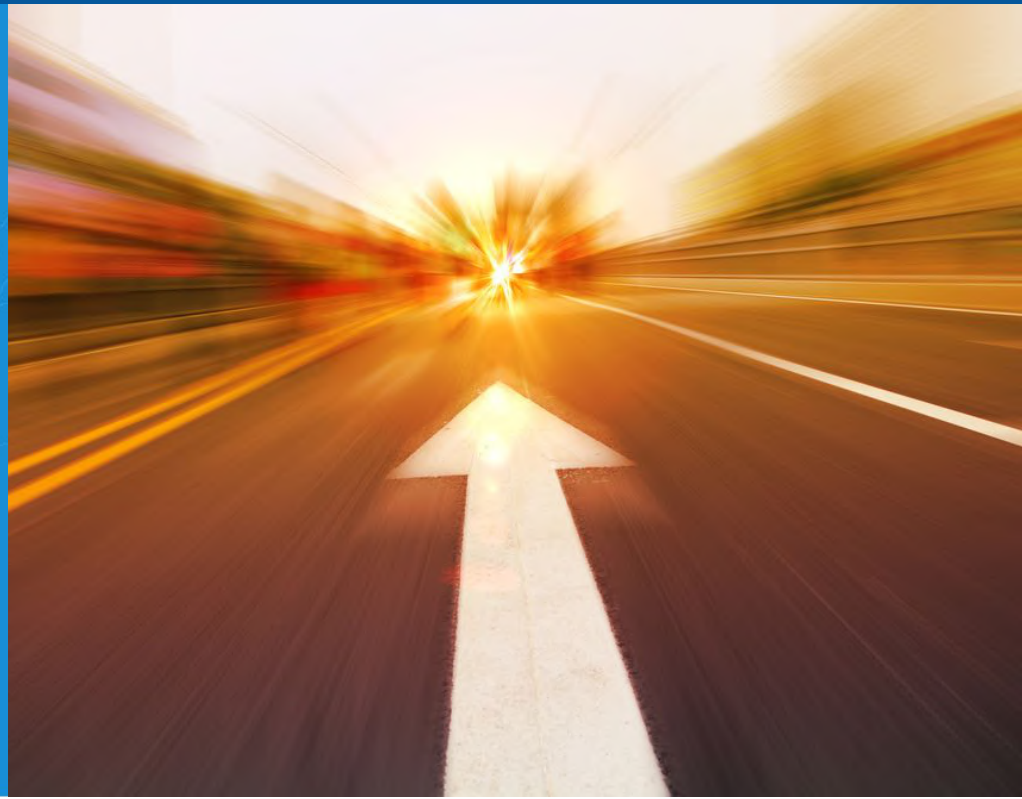
Plans for evolution

- Current functional improvement
- New Data Centers

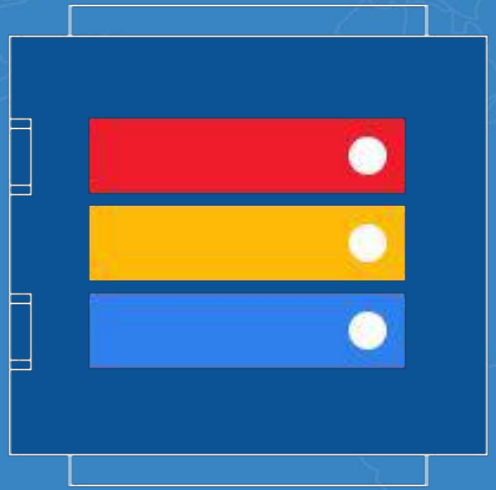


Plans for evolution

- Current functional improvement
- New Data Centers
- **flespi** integration



flespi integration



Storage subsystem

- high performance at any data volumes
- guaranteed data integrity
- multiple storage types
- easy integration via flexible REST API

flespi integration

Telematics hub

- Multi-protocol support
- Stream data to multiple platforms simultaneously (Wialon, ERP)
- Device management

In conclusion ...

That’s it!

Thanks for your time and attention

Telematics 2018
Partner conference

Tatsiana Kots, Gurtam
Business Analyst, Wialon Data Center

Pavel Chabay, Gurtam
Quality Assurance Engineer, Wialon Data Center