Wialon+DSM solution

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DSM on Wialon platform

For monitoring our device we have a lot of third-party platforms but only one at the moment which supports the [DSM](#) solution is Wialon. In this chapter, we will show you how to configure the device and also how to configure the Wialon platform for receiving information from DSM.

Device configuration

Step 1

Enable **Codec 8 Extended**.

Step 2

Enable **DSM** RS-232 working mode via RS232/RS485 configuration tab.

Accelerometer Features	
Auto Geofence	
Manual Geofence Settings	
Manual Geofence Zones	
Trip \ Odometer	
Bluetooth 4.0	
Beacon List	
Authorization ID List	
I/O	
LVCAN	
FMS IO	
Manual CAN IO	
Tachograph Data	
RS232 \ RS485	
CAN \ Tachograph	
ContiPressureCheck	
Custom scenarios	
Mobileye	
Reefer IO	
Euroscan IO	
TK Touchprint IO	

RS485 Settings ⓘ

| Mode | Disabled |
| Baudrate | Default |

RS232 Settings ⓘ

COM1 settings

| Mode | Silent Mode |
| Baudrate | 115200 |

COM2 settings

| Mode | Silent Mode |
| Baudrate | 115200 |

Step 3

Configure IP and Port for the device to send AVL data to the Wialon and configure IP and port for photo transmission from the DSM.
Please note, that the photos transmission port is **22297**.

Step 4

Wialon supports both periodical and trigger-based photo reception; therefore "File upload settings" can be configured as it is required for Your use case.

Step 5

Wialon has implemented manual photo requests. To request the photo manually, please create a command with the type "query_photo_dsm".
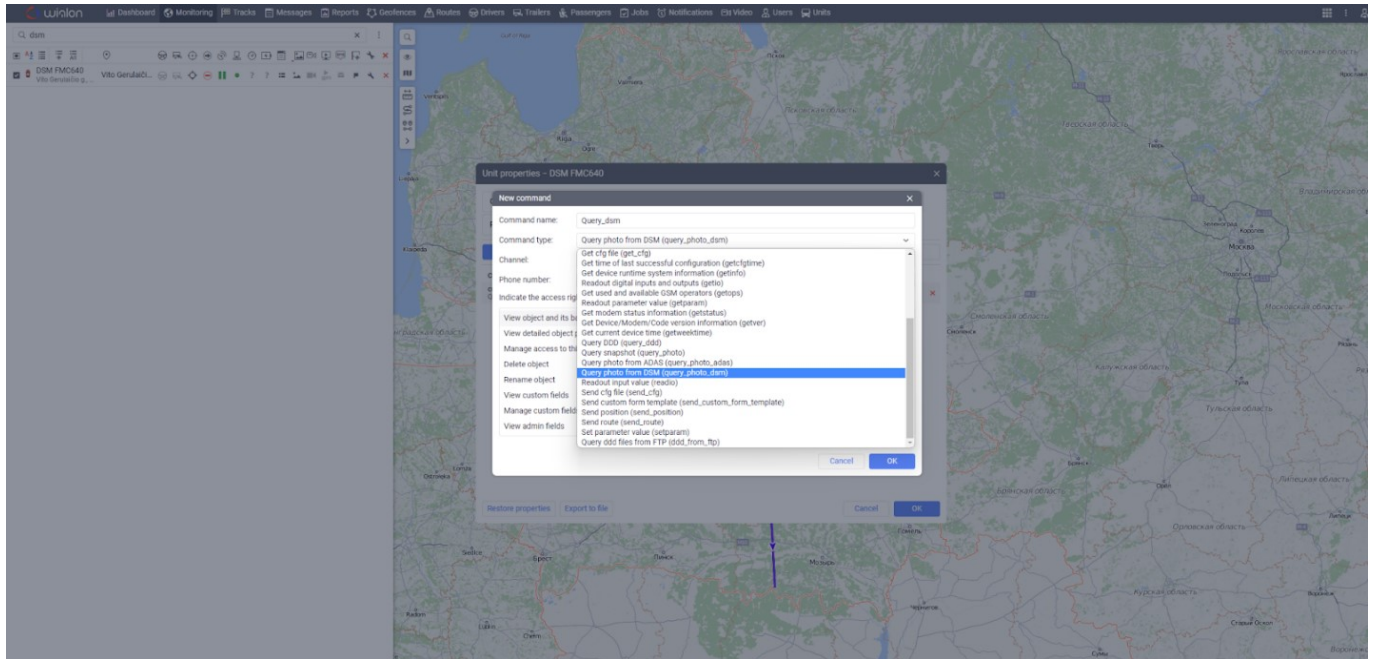
Step 6

After executing the command, the following response should be received: "Current snapshot request added to queue".

Step 7

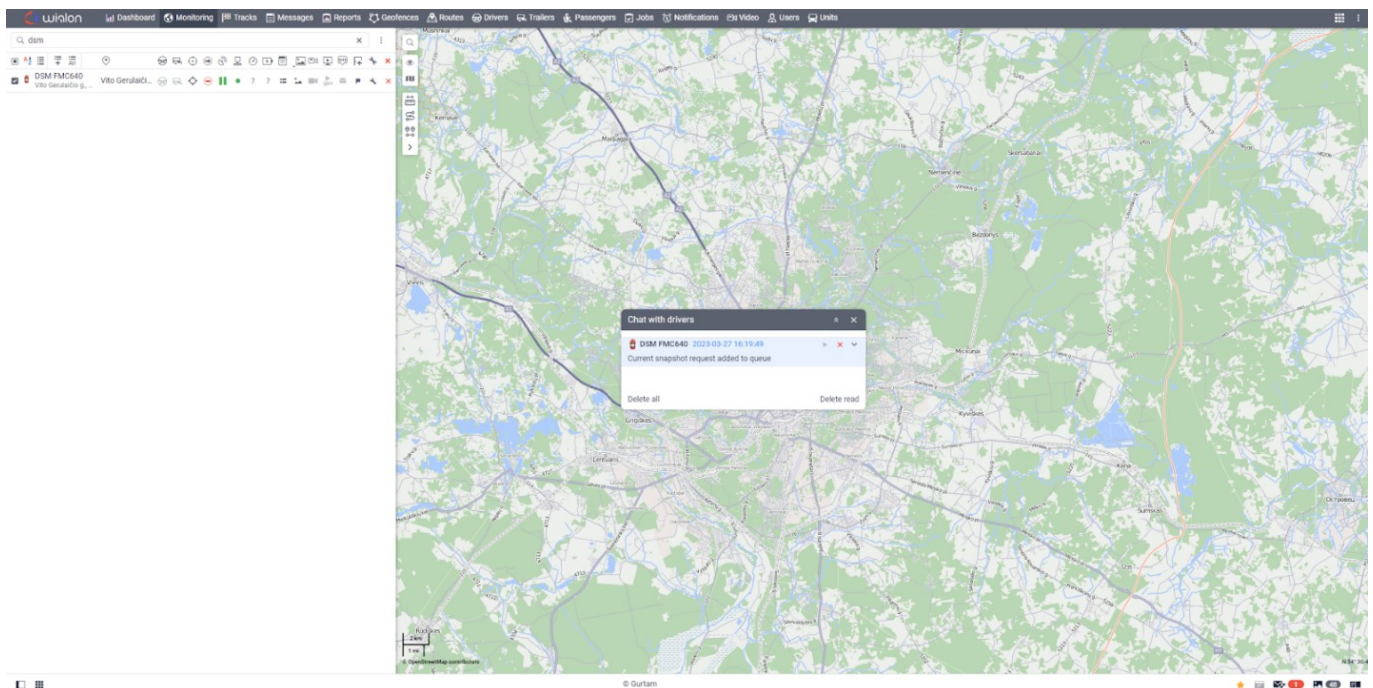After receiving the photo in the bottom-right corner notification will appear, after clicking on it, the received photo will pop-up.

Chat with drivers

DSM FMC640   2023-03-27 16:21:35
Current snapshot request added to queue

DSM FMC640   2023-03-27 16:19:49

Delete all   Delete read

New photos

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16:22:45 (+02)