



Novelties of Russian developers in the field of photo and video fixation of traffic violations

29-30 September 2016 in St. Petersburg the **second International Exhibition Forum** was held in the framework of the sixth International Congress "Road Safety for the Safety of Life". It demonstrated the



potential of Russian and foreign companies - manufacturers of products and technologies of increasing of road safety systems, traffic management, transport systems. About 4 thousand participants of the Congress, professionals and guests attended the second exhibition forum.

The Russian company "Orlan" with a group of young developers introduced unique systems of smart video surveillance and machine vision, systems of monitoring and accounting of transport; technologies of car numbers recognition (including cloud technology), vehicle identification, made entirely of Russian components.

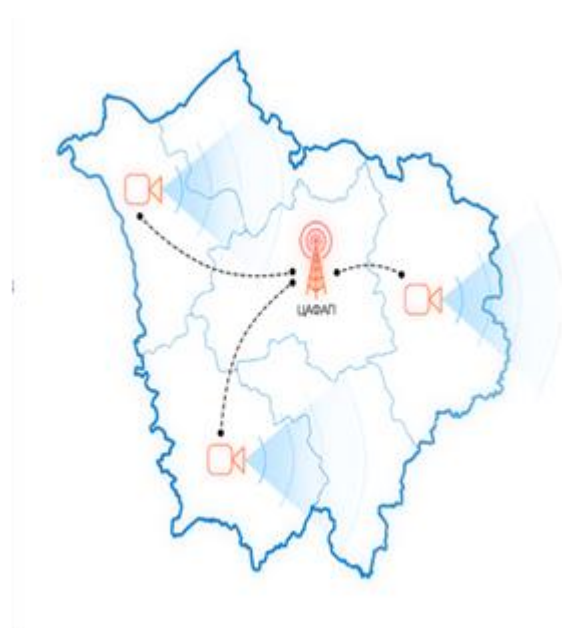
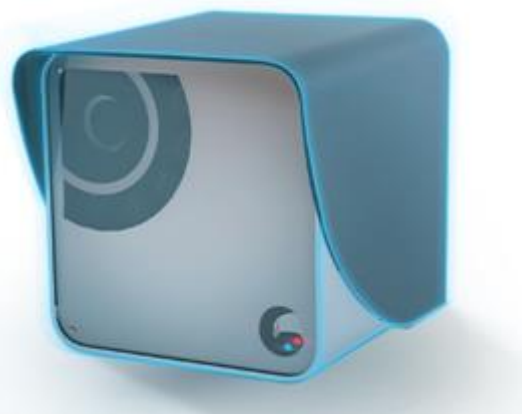
The complex of photo and video fixation of traffic violations named "Orlan" aroused great interest of specialists.

The advantages of the complex are the following:

- possibility of remote configuration and calibration;

- recognition of a large set of violations at crossings, roads, railway crossings, parkings, collection and analysis of statistical data, realization of

operational search activities, implementation of the concept of smart city;



- long term operation in harsh climatic and urban conditions (does not require purchasing additional equipment or software);

- possibility of full integration with the software used in the Center of the automatic fixation of administrative offences in the field of road traffic by the Ministry of Internal Affairs of Russia;

- use of different methods of data transmission – GSM, Wi-Fi, dry contact,

optical channel.

The company's specialists have also developed a compact (12x12x6cm) **complex of photo and video fixation of traffic violation named "Calibri"**, which is designed for use on parkings, sidewalks and sections of roads.

Its main characteristics are:

- low power consumption, ability to operate from solar batteries;
- use of cloud-based automated system of the intellectual data processing "Calibri" to identify the facts of traffic violation and other incidents;

- photographs of any vehicles in a specified area and creation of high-resolution photos with a time stamp;

- convenient and simple installation and operation.

