

INTERSOFT EURASIA JSC

FOUNDED

in 2010

[Grant received]

CORE OF THE DEVELOPMENT

Compact indicator of ionizing radiation with the functions of a dosimeter-radiometer for smartphones and mobile telephones.

APPLICATIONS

Household version of DO-RA – for the whole population of the planet. Specialised versions of DO-RA: atomic industry, medicine, Ministry for Civil Defense, Ministry of Internal Affairs, Federal Security Service, customs, phytosanitary and veterinary control, army and navy, aviation and cosmonautics.

ВНЕДРЕНИЕ РАЗРАБОТКИ

УЖЕ В КОНЦЕ 2014 г.

PEOPLE

GENERAL DIRECTOR:
Alexander K. Bobylev

HEAD OF PROJECT:
Vladimir Yelin, PhD in Engineering

Product features

1

The device has several versions. At present the Geiger-Mueller counter is used as a sensor of ionizing radiation. In the nearest future the DoRaSi sensor based on pure silicon (Si) will be installed into DO-RA device.

2

In the nearest future we plan to complete work on the sensor from the nanostructures based on graphene. The company's nearest plans include creation of an independent system of radiation monitoring – based on DO-RA devices – in the form of a single radiation map of the Earth with the help of cloud computations and crowdsourcing.



Issues solved by the device

1

Ensuring safety of food and liquids consumed by people.

2

Checking the level of radioactive contamination of natural and artificial objects to ensure safe stay of the people therein.

3

Providing information about the radiation situation of our homes or land plots.

4

Providing prompt assistance for leaving radioactive area by the safest route possible.