



# DAURIA – SATELLITE TECHNOLOGY LTD.

## FOUNDED

in **2011**

## CORE OF THE DEVELOPMENT

Development of an inexpensive and fast-to-produce small satellite platform for Earth surface observation.

## APPLICATIONS

Prevention and liquidation of emergencies, meteorology, space experiments, preflight verification of equipment for large and expensive spacecraft.

## IMPLEMENTATION OF THE DEVELOPMENT

FIRST SALES OF DATA FROM DX1 SPACE  
CRAFT ARE PLANNED FOR **2013.**

## PEOPLE

**FOUNDER AND CEO:**  
Mikhail Kokorich

**MANAGING DIRECTOR:**  
Wei San, PhD in Satellite Communications

**LEADING ENGINEER:**  
Alexander Shayenko PhD in Engineering,  
Mathematical Simulation

## Product features

The following features will be implemented in the platform being developed:

1

Implementing new developments from the cubesats and nanosatellites in order to ensure better performance and lower energy consumption as compared to the existing spacecraft;

2

Using whenever possible inexpensive subsystems/components from a single supplier in order to reduce costs of the whole project;

3

Using patented Russian technologies for electronic units manufacturing. It will allow the development to obtain competitive advantages in comparison with Western suppliers:

- modern components – cubesats– can be used for long missions (over 1 year),
- electronic unit is adapted for global standards,
- failure-proof software allows taking part in interplanetary missions,
- the platform being developed will manifold surpass its analogues in performance, design time and end product cost.

## Market and competitors

1

The satellite services market is almost independent from the national borders. Expected profit –100,000 USD per year from sales of the first demonstration spacecraft DRE following DX1 model, and from 20,000,000 USD to 40,000,000 USD per year from sales of the information that will be obtained from the planned satellite group. Latest research shows that annual market volume of ERS (Earth remote sensing) is up to 1 billion USD. This market continues growing.

2

SSTL, a British company and a global supplier of inexpensive satellites, keeps a 70% share of the international commercial market in both developed and developing countries. Presently the company is reducing prices for its own spacecraft in order to meet the needs of private investors.

3

Spacecraft of the new generation being developed within the framework of the project have a significant advantage in price and possess direct access to the Russian market.

