

OPEN JOINT-STOCK COMPANY RESEARCH-AND-PRODUCTION CORPORATION REKOD



Bld. 40 6/1, 3rd Maryinoy Roshchi Pass., Moscow, Russia 127018

Phone +7 (495) 660-31-44 > Fax +7 (495) 642-71-32

e-mail: info@rekod.ru > www.rekod.ru

In recent years Russia has switched over from space conquest to practical utilization of space activity results. In order to accomplish this task OAO NPK REKOD offers to create a family of regional, municipal and branch Space Services Centres providing integral incorporation of space activity results.

The **Open Joint-Stock Company Research-and-Production Corporation REKOD** was established in May 2008 on the initiative of Roscosmos. The **REKOD corporation** is the only Russian organization specializing in the sphere of complex utilization of space activity results (SAR) which is the lead agency and plenipotentiary representative of Roscosmos in preparation and realization of joint agreements, programs and projects in the field of SAR utilization.

Russian federal executive authorities, executive authorities of the federal subjects, local governments, legal entities and individuals as well as foreign organizations and representatives may become customers of the range of services provided by the REKOD corporation.



Vyacheslav G. Bezborodov,
General Director

The REKOD corporation operates in the sphere of space activity results utilization in the following main directions:

- Development and assurance of realization of international, federal, regional and municipal task programs and projects based on SAR utilization.
- Research and development in the area of creation, replication and operation of navigation-information, geoinformation and other systems, complexes and solutions in the interests of various end users.
- Delivery (installation, adjustment and support) of an integrated hardware and

software complex of Space Services Centre or its elements.

- Consulting and other services in the field of SAR utilization.

The REKOD corporation implements and is ready to replicate the following standard innovative projects:

1. Space Bridge

A system of satellite monitoring and prediction of condition of big bridgeworks with the use of GLONASS/GPS systems.

2. GLONASS — REGION

Interregional and regional high-accuracy positioning systems on the basis of GLONASS/GPS systems with client applications.

3. Space Safety Corridor

A system of satellite monitoring and traffic safety, road planning and cargo transportation on federal highways with the use of GLONASS/GPS systems.

4. Space Hydropower Station

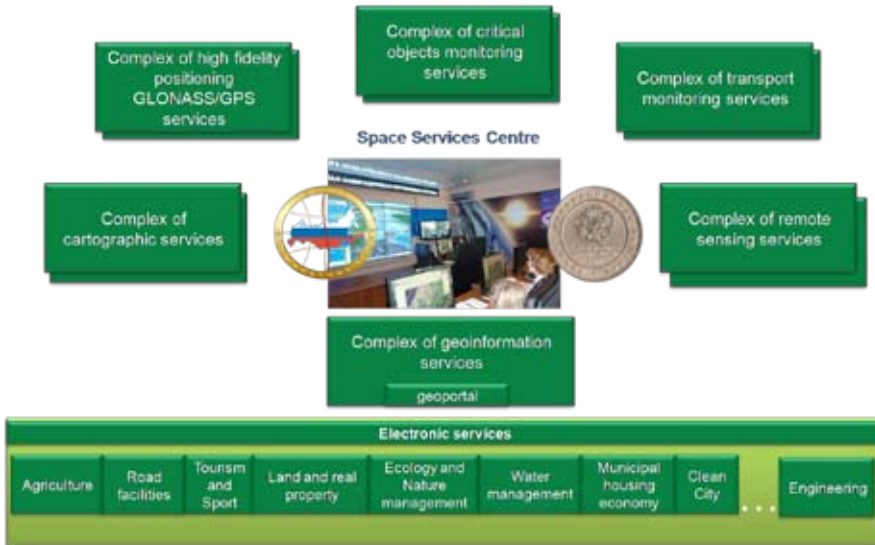
A system of satellite monitoring and prediction of condition of big hydraulic engineering structures with the use of GLONASS/GPS systems.

5. Space Mountain Road

A system of satellite monitoring and safety of a mountain road with the use of GLONASS/GPS systems.



Certificate 'The Best Innovative Solution', a first-degree medal



Standard electronic services of a Space Services Centre

6. Space Railway

A system of satellite monitoring and prediction of natural and anthropogenic dangers (including landslides, avalanches, mud flows and mountain creeps) during exploitation of railway with the use of GLONASS/GPS systems.

7. Space Palace of Sport

A system of satellite monitoring and prediction of condition of a big sports complex with the use of GLONASS/GPS systems.

8. Space Park

A system of satellite monitoring and prediction of condition of protected areas with the use of GLONASS/GPS systems.

The focal point of the infrastructure for rendering navigation-information electronic services with the use of space activity results is the family of regional, municipal and branch Space Services Centres developed and implemented by the **REKOD corporation**.

The REKOD corporation has created prototypes of Space Services Centres in Moscow, Kaluga, Sochi and Kazan, a new Centre is opened in Odintsovo, the Moscow Region, in June 2010, a network of Centres is scheduled to be established in Kirov, Rostov-upon-Don, Tyumen, Belgorod, Nalchik, Salekhard and Smolensk during the year 2010.

A Space Services Centre of the **REKOD** corporation is an opportunity to order turn-key delivery and further development of the following items:

- an integrated hardware and software complex of Space Services Centre;

- high-accuracy positioning systems based on GLONASS/GPS technologies with client applications;
- systems of monitoring condition of important objects, displacement (deformation) of geological layers with the use of GLONASS/GPS systems;
- transport monitoring systems based on GLONASS/GPS technologies, which are already exercising permanent, objective and independent control over functioning of transport systems and facilities in a number of Russian regions;
- a family of software products for supporting decision-making in different spheres of vital activity at the regional, municipal, branch and object levels.

In June 2010 the 'Space Services Centre Software Complex' obtained a Certificate of State Registration of programs designed for supporting decision-making with the use of space activity results on the basis of geoinformation and web-portal technologies.

The establishment of Space Services Centres infrastructure in Russian regions and abroad is an effective instrument for promotion of space activity results in order to accomplish social and economic tasks of any country.

In 2010 the **REKOD** corporation has been awarded a first-degree medal in the nomination for 'The Best Innovative Solution' for the development and incorporation of standard Space Services Centers in the interests of social and economic development of the Russian Federation and its regions.



Certificate of State Registration of the 'Space Services Centre Software Complex'



Standard Space Services Centers