



## **ORBIT to Supply Commercial Earth Observation Ground Station Solution to Russian Space Company**

*ORBIT Continues to Expand Its Tracking and Telemetry, and Earth Observation Business in Europe*

Netanya, Israel, January, 30, 2012 – ORBIT Communication Ltd., a subsidiary of Orbit Technologies Ltd. (TASE: ORBI), a Satellite Communications, Tracking and Telemetry, and Communications Management Systems provider, today announced that it has been selected by STEC.COM LLC, a Russian space company, to supply a commercial ground station solution to support dual communication with Low Earth Orbit (LEO) and Geostationary Earth Orbit (GEO) satellites. The total value of the contract is estimated at \$800,000 (U.S.).

ORBIT's solution is based on a customization of its AL-4300 series, a heavy load, high-performance positioning system. To overcome the limited size of the ground station, which cannot accommodate separate X-Band and C-Band antennas, ORBIT tailored an innovative solution that incorporates both bands in a single 5.5 meter antenna, cutting the ground station's size in half and dramatically reducing its cost. A special "store and transmit" mechanism was developed to gather the data received from the LEO satellite over X-Band, and subsequently transmit that data over C-Band to the GEO satellite on its way to the final destination. In addition, to meet Russia's extreme environmental conditions, the customer required a rugged and reliable solution that can operate without failures in strong winds and very low temperatures without a radome.

ORBIT offers a comprehensive and field-proven suite of earth observation ground stations that enable accurate and continuous communication with LEO satellites in earth observation missions.

"In the past year, ORBIT has invested substantial efforts to bolster its presence as an earth observation solution provider, particularly in Europe," said Avi Cohen, President and CEO of ORBIT Communications Ltd. "Accordingly, we are extremely pleased to announce our first earth observation deal in Russia, which marks an important milestone in this strategic effort. We are confident that this project will lead to additional opportunities in the burgeoning Russian market, as well as other regions in Europe."

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## **About ORBIT Communication Systems, Ltd.**

ORBIT is a world leading supplier of innovative Satellite Communications solutions as well as Tracking & Telemetry and Communications Management Systems. The company's products are deployed on board airborne, marine and land platforms with both military and civilian customers and are installed on thousands of projects with companies and organizations worldwide. ORBIT's customers include over 20 Navies, major integrators such as Airbus Military, Boeing, Lockheed Martin, Northrop Grumman and Rockwell Collins, as well as communications service providers such as SELEX Communications, Telespazio, Eutelsat, NewSat, Gilat, Harris Communications, SpeedCast and others.

ORBIT is a public company traded on the Tel-Aviv Stock Exchange. The company boasts an international marketing, sales and support network that includes the United States, Europe, and the Far East in addition to its international technical service centers located around the world.

**For more information, please visit [www.orbit-cs.com](http://www.orbit-cs.com)**

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