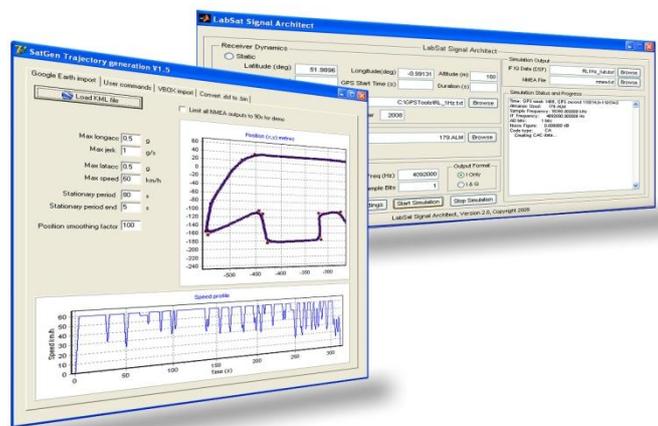**FOR IMMEDIATE RELEASE**

28 November 2011, Buckingham, UK

New software makes easy work of simulating GLONASS signals

UK based Racelogic's SatGen simulator assists OEM device development with GLONASS capability

The inclusion of GLONASS into the recently released iPhone 4S highlighted the penetration the Russian satellite system is now enjoying in consumer devices. With the constellation now providing full coverage it has become more important than ever that engineers are able to simulate GLONASS data in order to test multi GNSS constellation devices effectively.

Providing engineers with the opportunity to create complex signal scenarios using the inbuilt intelligent path and velocity models, Racelogic's SatGen software now offers users the chance to produce custom routes using both GPS and GLONASS receivers anywhere in the world. These can then be replayed in real-time using a LabSat 2 GNSS record and replay system.

Mark Sampson, LabSat Product Manager, said: "There's an increasing need for companies to integrate GLONASS as well as GPS in their location enabled devices, and developers need to be able to ensure their products work consistently in any location."

He added: "SatGen makes creating scenarios easy - engineers can use an NMEA file pre-recorded from a GPS or GLONASS receiver, or specify one manually from user defined criteria including position, velocity and heading."

Users can also test their device on a particular route that hasn't been recorded, by sketching an outline of the path in Google Earth™. The software will 'fill in' the gaps, smoothing out any sharp corners and setting a realistic velocity profile. Using this tool, it is now possible to define a complex route through a foreign city in a matter of minutes.

The updated GPS/GLONASS SatGen software is set to cut development times for devices using multi-GNSS engines. For more information visit www.labsat.co.uk

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For high resolution images please contact marketing@racelogic.co.uk

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About LabSat: LabSat by Racelogic is a low cost GPS Simulator (with GLONASS option) which gives you the ability to record and replay real GPS RF data, allowing you to test almost any GPS device with real world signals, from your bench. www.labsat.co.uk

About Racelogic: Racelogic develop and manufacture electronic systems to measure, record, display, analyse and simulate data from moving vehicles. Their flagship VBOX has become an industry standard way of measuring speed, position, distance and acceleration, whilst their Video VBOX GPS video loggers are increasingly popular in motorsport.