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## GPS vehicle testing now more reliable with new IMU integration system

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Racelogic's new VBOX 3i GPS datalogger with IMU Integration – making GPS testing more accurate in obstructed areas

In open spaces, GPS is acknowledged as being the most accurate method for measuring velocity, but under bridges or near trees, the quality degrades. However, this is set to change with the release of the VBOX IMU Integration system.

Blending data from an Inertial Measurement Unit with GPS signals from a VBOX 3i GPS datalogger, IMU integration helps to produce smoother, more dynamic measurements on channels including velocity, heading, position, and acceleration in areas where sky visibility is obstructed.

Kevin Bursnall, Technical Director at Racelogic, said: "IMU integration realises the high accuracies that VBOX 3i can achieve even when external conditions are compromised, meaning that data is now more reliable and easier to interpret."

**Note to the Editor**

Racelogic design and manufacture innovative electronic systems for the automotive and GPS industries. Based in the UK, they have developed GPS data-loggers, Video-overlay systems, Traction Control, and GPS Simulators since 1992.

Their flagship VBOX product is now used by over 200 different automotive companies in over 55 countries. VBOX has become an industry standard way of measuring speed, position, distance and acceleration. They were awarded the Queen's Award for Enterprise 2007, and they're an ISO 9001 company.

Household names using Racelogic products include BMW, Ford, Pirelli, Goodyear, Porsche, Ferrari, Aston Martin, the BBC's Top Gear program, Toyota, Honda, the US Army, JCB, Bosch, and BP.

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