

# EGNOS FACT SHEET

## 8: FIAT TRIALS EGNOS AT THE ITS2000



The Centro Ricerche Fiat and ESA trialed EGNOS to coincide with the ITS2000 conference in Turin. ESA and the Centro Ricerche Fiat (CRF) performed the first EGNOS land-mobile trials to coincide with the Intelligent Transport Systems conference in Turin in November 2000. The trials were carried out at the Fiat Safety Centre near to Turin. An EGNOS receiver was installed in a car and linked to a PC running digital

mapping software. The car drove around the test track, capturing data. An accuracy of 1-3 metres was achieved and accuracy plots from the ESA project office in Toulouse indicated the relative consistency of EGNOS compared with GPS, even with Selective Availability de-activated.

EGNOS is a cost-effective enabling technology in the ITS sector, and brings aviation quality performance and safety to the motor car.

EGNOS can make an important contribution towards many of the key areas for progress identified during the conference:

- A minimum common functionality template;
- Interoperable electronic fee collection;
- Adoption of best practices from other main modes of travel; and
- The development of a safety policy framework within which applications can be developed, tested and brought to the market.

EGNOS is a strong contender in any market based on accuracy/Euro, and is highly desirable in a market where integrity/quality will become an important differentiator. Including EGNOS functionality enhances performance with little or no cost impact.