The new Epsilon 10 land navigator from Sagem (Safran) has been selected by Renault Trucks Défense (RTD) for its “Battlenet Inside” electronics suite used to digitize combat vehicles.

Sagem's latest navigator, being unveiled at Eurosatory 2014, was developed with the help of RTD, which contributed its expertise in combat vehicles and supported the ground tests.

The Epsilon 10 is a latest-generation terrestrial land navigator, based on Sagem's patented vibrating gyro technology. It was designed for an optimized combination of cost of ownership and performance qualities, including size, weight and power consumption. The inertial sensor contains no moving parts, giving it unrivaled robustness and reliability.

The Epsilon 10 provides heading and positioning information to the vehicle during extended periods without GPS reception. It meets the needs of armored vehicles operating in digital battlefield environments, especially through its ability to provide information to command/control systems, thus guaranteeing geo-location of targets and friend positions (Blue Force Tracking).

For Eurosatory 2014, Sagem's Epsilon 10 has been installed in the VAB Mk3 armored vehicle and the special forces version of the Sherpa Light vehicle being displayed on RTD's stand.

Sagem is the only company in the world offering a complete range of navigation systems for the full spectrum of land applications. The European leader in onboard navigation systems, Sagem has developed proven expertise in all inertial technologies (mechanical, laser, fiber-optic, vibrating). Sagem builds on over 60 years of experience as a leading supplier of both civil and military navigation systems, in France and in international markets.

The Epsilon10 navigator will be displayed on Safran's stand (F80, Hall 6) at Eurosatory.

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Sagem, a high-tech company of Safran, holds world or European leadership positions in optronics, avionics, electronics and safety-critical software for both civil and military markets. Sagem is the No. 1 company in Europe and No. 3 worldwide for inertial navigation systems (INS) used in air, land and naval applications. It is also the world leader in helicopter flight controls and the European leader in optronics and tactical UAV systems. Operating across the globe through the Safran group, Sagem and its subsidiaries employ 7,500 people.
in Europe, Southeast Asia and North America. Sagem is the commercial name of the company Sagem Défense Sécurité.
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