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## **Saft presents new Li-ion battery concept for military armoured vehicles**

- *New concept 28 V Li-ion battery system powers starting and silent watch applications*
- *Saft shows comprehensive range of advanced energy storage technologies for conventional and hybrid vehicles*

**Paris, June 14, 2010** – Saft, the world's leading supplier of advanced battery systems for the most demanding defence applications on land, at sea and in the air is unveiling its latest developments in Li-ion (lithium-ion) batteries for military vehicles at Eurosatory 2010. Visitors to Saft's stand (K 421, in Hall 6) are invited to see a new battery system concept designed specifically for starting and silent watch applications in armoured vehicles. Saft is also showing its comprehensive range of energy storage solutions for conventional and hybrid military vehicles, as well as weapons systems and field power delivery applications, based on Li-ion, Super-phosphate® and asymmetrical nickel capacitor technology.

### **New Li-ion battery concept for armoured vehicles**

Saft has developed a new Li-ion battery concept that offers a high performance alternative to conventional lead-acid batteries for armoured military vehicles. The 28 V batteries is designed to deliver large reserves of power for reliable engine starting, as well as supporting onboard electrical systems throughout the long periods of autonomous operation demanded by extended silent watch missions. The use of Saft's Li-ion technology offers a significant reduction in both the battery weight and onboard footprint, while also ensuring a long, fully-predictable service life.

### **REMUS (Renewable Energy Mobile Utility Systems)**

The REMUS Renewable Energy Mobile Utility Systems incorporated renewable wind and solar energy with a Saft HEMV Li-ion battery, composed of VL34P high power cells. The Saft Li-ion battery system stores energy for the REMUS system, supplementing the diesel generator particularly to provide utility scale electrical services in situations where continued fuel sources are not available or too costly

The HEMV battery has also powered several US military hybrid electric demonstrators, including General Dynamics Land System's Advanced Ground Mobility demonstrator.

### **A complete range of military batteries and chargers**

In addition to batteries for military vehicle, Saft is also showing its complete range of primary and rechargeable lithium batteries for a wide range of military applications - from powering infantry communications and weapons systems to UGVs. As part of its strategy to deliver complete power systems to defence customers Saft has developed specialized military chargers that ensure fast and efficient charging and long service-life. These include the EcMC<sup>2</sup> (Extended Capability Multi Chemistry Charger) range of smart, versatile, multi-capability military battery chargers designed to charge virtually any type of infantry battery both in the field and at the base camp.

### **About Saft**

Saft (Euronext: Saft) is a world specialist in the design and manufacture of high-tech batteries for industry. Saft batteries are used in high performance applications, such as industrial infrastructure and processes, transportation, space and defence. Saft is the world's leading manufacturer of nickel batteries for industrial applications and of primary lithium batteries for a wide range of end markets. The group is also the European leader for specialised advanced technologies for the defence and space industries and world leader in lithium-ion satellite batteries. Saft is also delivering its lithium-ion technology to the new applications in clean vehicles and renewable energy storage. With approximately 4,000 employees worldwide, Saft is present in 18 countries. Its 15 manufacturing sites and extensive sales network enable the group to serve its customers worldwide. Saft is listed in the SBF 120 index on the Paris Stock Market.

*For more information, visit Saft at [www.saftbatteries.com](http://www.saftbatteries.com)*

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