



## Saft announces cooperation with Nedap to deliver effective energy storage for residential solar power systems

**Paris, April 26, 2012** – Saft, the world's leading designer and manufacturer of high-technology batteries for industry, and Nedap have decided to join forces to create effective energy storage systems, based on state-of-the-art lithium-ion (Li-ion) battery technology, that will enable on-grid photovoltaic (PV) installations to make the optimum use of the solar power they produce. Saft Li-ion battery modules, designed specifically for energy storage in residential and commercial PV applications, in combination with Nedap's PowerRouter solar inverter with integrated battery manager, will be available this summer.

Effective energy storage 'time-shifts' the peak power produced by PV systems during the middle of the day for use during peak demand periods, mainly mornings and evenings. This both maximizes local self-consumption and enhances the value of the PV system as only surplus energy is exported to the grid. With this vision in mind, Nedap developed the PowerRouter, a solar inverter with integrated battery manager to make optimum use of self-generated energy.

*'As the market for renewable energy is moving rapidly toward grid parity, it becomes more interesting to optimize the consumption of self generated Solar Energy. Storing energy during the day for use at night becomes important for users who want to become independent from their energy supplier. Now is the moment that this technology becomes economically attractive for the customer due to the developments in the lithium-ion battery technology. The performance, long-service life and zero-maintenance features of Saft's Li-ion technology is a perfect fit with Nedap's compact, easy to install, all-in-one system approach for our PowerRouter', says Joep Thomassen, Managing Director of Nedap Energy Systems. 'The cooperation with Saft will bring our customers a high quality system solution with great performance'.*

*'We are seeing a significant shift in the PV market with feed-in-tariffs being reduced significantly and sometimes withdrawn completely. This is driving the growing interest in self-consumption and other electricity storage applications that can only be achieved with effective energy storage,' says Francois Bouchon, Director of Saft's Energy Storage Systems business. 'We have developed a range of Li-ion energy storage solutions, and working with high quality partners such as Nedap, who have a well established track record in the renewable energy industry, is the ideal way to bring them to market.'*



## PRESS RELEASE

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### **About Nedap**

Nedap is a manufacturer of intelligent technology solutions for today's challenges. Enough food for a growing population, clean drinking water around the entire world, and smart networks for sustainable energy are just some of the goals Nedap is working towards. Nedap has a continuous focus on technology that matters. The N.V. Nederlandsche Apparatenfabriek "Nedap" was founded in 1929, it has been listed on the stock exchange since 1947, and employs more than 680 staff worldwide.

For more information, visit [www.nedap.com](http://www.nedap.com) and [www.PowerRouter.com](http://www.PowerRouter.com)

### **About Saft**

Saft (Euronext: Saft) is a world leader in the design and manufacture of advanced technology batteries for industry. The Group is the world's leading manufacturer of nickel batteries and primary lithium batteries for the industrial infrastructure and processes, transportation, civil and military electronics' markets. Saft is the world leader in space and defense batteries with its Li-ion technologies which are also being deployed in the energy storage, transportation and telecommunication markets. Saft's 4,000 employees present in 19 countries, its 16 manufacturing sites and extensive sales network all contribute to accelerating the Group's growth for the future.

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

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