



Saft partners with IoT virtual prototyping company to develop free version of their tool: Wisebatt for Saft

- Developers will gain free access to an online simulation tool that can save months of engineering time and up to €200k
- The tool enables estimation of battery life, an essential factor in IoT devices product lifetime

Paris, 27 April 2021 – Saft has partnered with Wisebatt, the simulation platform for Internet of Things (IoT) devices, to develop “Wisebatt for Saft”, a free version of the tool that helps electronic engineers build virtual prototypes of their Saft-powered devices and estimate their lifetime in the field.

Wisebatt’s platform provides engineers with an estimate of their device’s battery life. It is based on a library that includes tens of thousands of electronic component models. Thanks to Wisebatt’s visual development interface, engineers can model the operation and use-cases of their devices and get simulation results in a few seconds.

Tom Willis, Saft’s marketing director for its Connected Energy division, said: “Wisebatt customers have reported that the tool helps avoid design errors that can cost up to €200k, as well as save up to three months of development time per year invested. By offering the platform for free as “Wisebatt for Saft”, we’re giving engineers the ability to experiment with virtual prototypes and evaluate the performance of Saft’s state-of-the-art primary lithium batteries.”

Battery life is an essential factor to consider when defining the lifetime of IoT devices, especially for devices placed in hard-to-reach locations where it is not practical to change the battery. While engineers can make an estimate of battery life by dividing battery capacity by average current, this

is not always accurate as it does not take account of the real-world consumption and environmental conditions.

The free Saft version of the tool displays the same features as Wisebatt's paid-for original version. It focuses on Saft's batteries, with the two main primary lithium battery chemistries used in IoT devices: lithium-manganese dioxide (Li-MnO₂ – LM and M ranges) and lithium-thionyl chloride (Li-SOCl₂ - LS, LSH and LSP ranges).

Wisebatt by Saft is available at saft.wisebatt.com.

About Saft

Saft specializes in advanced technology battery solutions for industry, from the design and development to the production, customization and service provision. For more than 100 years, Saft's longer-lasting batteries and systems have provided critical safety applications, back-up power and propulsion for our customers. Our innovative, safe and reliable technology delivers high performance on land, at sea, in the air and in space. Saft is powering industry and smarter cities, while providing critical back-up functionality in remote and harsh environments from the Arctic Circle to the Sahara Desert. Saft is a wholly owned subsidiary of Total, a broad energy group that produces and markets fuels, natural gas and electricity.

We energize the world. www.saftbatteries.com



###

Press Contacts

Saft

Karen Hollington, Corporate communications manager

Tel.: +33 1 58 63 16 60, e-mail: karen.hollington@saftbatteries.com

Celine Bernard, Assistant commercial marketing for CE

E-mail : celine.bernard@saftbatteries.com

Wisebatt

Wilfried Dron : Tel : +33 6 10 83 38 72, e-mail : wilfried.dron@wisebatt.com

TopLine Comms

Andrew Bartlett, Tel.: +44 207 580 6502, e-mail: andrew@toplinecomms.com

Clapp Communications

Lisa Harlow, Tel.: +1-410-561-8886, e-mail: lisa@clappcommunications.com