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## HONEYWELL AND NEXCERIS CREATE STRATEGIC ALLIANCE TO ADDRESS LITHIUM-ION BATTERY SAFETY

- *Combines Honeywell advanced fire detection technology and Li-ion Tamer lithium-ion gas detection solutions to provide enhanced safety for battery systems*

**ATLANTA – Feb. 11, 2020** – Honeywell (**NYSE: HON**), a global leader in fire and life safety, and Nexceris, developer of Li-ion Tamer<sup>®</sup> lithium-ion gas detection solutions, announced the formation of a strategic alliance to address lithium-ion battery system safety. The partnership, which builds on Honeywell's industry-leading fire portfolio, will enhance its advanced detection technology with Li-ion Tamer's products and give customers early warning capability of potential battery failure and the ability to mitigate or avoid the effects of the failure.

"Lithium-ion batteries offer great potential to many industries, as well as a more environmentally conscious energy source, but can also pose a significant risk if proper protection elements aren't appropriately in place. Adding Li-ion Tamer solutions to our advanced detection product offerings through this partnership allows us to offer customers industry leading off-gas detection technology and very early warning smoke detection for a safe, redundant way to protect facilities of any scale," said Peter Lau, president of Commercial Fire for Honeywell Building Technologies. "Li-ion Tamer's off-gas detection technology strongly complements our leadership in advanced detection and extends our smart edge device strategy. Our goal is to help our customers improve uptime of their facilities and quickly identify the source of a problem – and control it – before it escalates."

[Li-ion Tamer](#) early detection technology improves the safety of lithium-ion battery systems and can improve the overall safety of facilities where lithium-ion batteries may be located. Its off-gas detection technology is designed to identify and alert when a battery off-gases, which occurs prior to thermal runaway or fire. Early detection enables users to take preventative safety steps to avoid or reduce the effects of thermal runaway.

"We're pleased to partner with Honeywell to offer customers a safer and more reliable way to protect lithium-ion batteries in markets like energy storage," said Kyle Shen, CEO, Nexceris. "As leaders in our respective areas of detection, we can collectively offer customers innovative ways to protect their facilities and investments."

Honeywell's [advanced detection business](#) features the VESDA brand of advanced smoke detection technology including aspirating smoke detectors. Honeywell's strategic alliance with Nexceris will make Li-ion Tamer technology available to customers and channel partners across Honeywell's portfolio of trusted and well-known fire and life safety brands. It will also allow Honeywell to sell its products to new vertical industries including energy storage, data centers, marine and others while offering existing customers new, innovative advanced detection solutions.

# Honeywell

Since its first utility-scale installation in 2017, Li-ion Tamer's business has grown significantly. Its products protect more than 85 of lithium-ion energy storage facilities worldwide totaling more than 550,000 sensor hours of field operation.

The global energy storage industry is projected to grow 13 times its current size by 2024 from a 12 gigawatt-hour market in 2018 to a 158 gigawatt-hour market in 2024, equating to \$71 billion investment in storage systems alone.<sup>1</sup>

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## **About Li-ion Tamer**

The Li-ion Tamer (<https://liiontamer.com/>) products were developed by Nexceris, LLC. Nexceris is an energy company that develops innovative sensor, power generation and catalyst solutions. Founded in 1994, Nexceris' vision is to create a better world through energy innovations. The company collaborates with global customers and partners to transform powerful ideas that make energy production safer, more efficient and environmentally responsible.

## **About Honeywell Building Technologies**

Honeywell Building Technologies (HBT) is a global business with more than 23,000 employees. HBT creates products, software and technologies found in more than 10 million buildings worldwide. Commercial building owners and occupants use our technologies to ensure their facilities are safe, energy efficient, sustainable and productive. For more news and information on Honeywell Building Technologies, visit <http://www.honeywell.com/newsroom>.

Honeywell ([www.honeywell.com](http://www.honeywell.com)) is a Fortune 100 technology company that delivers industry specific solutions that include aerospace products and services; control technologies for buildings and industry; and performance materials globally. Our technologies help aircraft, buildings, manufacturing plants, supply chains, and workers become more connected to make our world smarter, safer, and more sustainable. For more news and information on Honeywell, please visit [www.honeywell.com/newsroom](http://www.honeywell.com/newsroom).

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<sup>1</sup> Wood Mackenzie Power & Renewable, [Global Energy Storage Outlook 2019: 2018 Year in Review and Outlook to 2024](#)