



FOR IMMEDIATE RELEASE

United Safety Launches New Lithium-Ion Battery Failure Detection Sensor Help Prevent Electric Vehicle Fires Before They Happen

EXTON, PA – United Safety & Survivability Corporation, a global leader in advanced safety solutions, is proud to announce the launch of its latest innovation, a Lithium-Ion Battery Failure Detection Sensor. This groundbreaking product sets a new standard in safety for electric vehicles across industries.

Lithium-ion batteries have become an integral part of our daily lives – from school transportation to public transit to first responder vehicles to construction equipment – electric vehicles are on the rise globally. However, with the increasing prevalence of lithium-ion batteries, safety concerns have risen. Once a lithium-ion battery goes into thermal runaway, there is no stopping it, making the need for enhanced monitoring and early detection paramount.

United Safety & Survivability Corporation's Lithium-Ion Battery Failure Detection Sensor is designed to address these concerns. In the early stages of failure, the battery cell begins to generate a variety of gases that build up and increase the pressure inside the cell until the pressure relief activates venting. The sensor detects the gases being released, detecting potential failures long before they become critical. While the device can be installed on its own, it can also be combined with a fire suppression system, such as Fogmaker Fire Suppression System, to provide a comprehensive detection and suppression system.

"This Lithium-Ion Battery Sensor is a game-changer in the field of electric vehicle safety," said Joseph Mirabile, CEO of United Safety. With the rise of electric vehicles in all sectors, the risks of fire are greatly different than what many are used to. When a fire starts within an electric vehicle, all we can hope for is to give occupants the greatest window of time to evacuate. It is truly unique to be able to offer a product that stops a fire – let alone a thermal runaway event before it even happens. Couple this with our Fogmaker system and I believe this is the best detection and suppression package available on the market today for electric vehicles."

About United Safety & Survivability Corporation

United Safety and Survivability Corporation is committed to delivering the most innovative and reliable safety and survivability solutions that our customers can trust to protect life and property. As a global leader in the design and engineering of world-class safety, survivability, and technology solutions across a variety of industries and categories, our portfolio of products includes seating for commercial buses, fire trucks, ambulances, military vehicles, motor coaches, rail cars and locomotives. We design and build specialty soldier survivability systems for military vehicles and our revolutionary fire suppression systems are used in school buses, public transit, heavy machinery and more. Active Air Purification and AEGIS® Microbial Surface Treatment help to protect the public and operators by eliminating bacteria and viruses from air and surfaces. Further information about United Safety can be found at www.usscgroup.com or www.ussc.com.au.