

# LITHIUM-ION BATTERY RECYCLING PRIZE



U.S. DEPARTMENT OF ENERGY

**Team Name:** Titan AES

A Public Document

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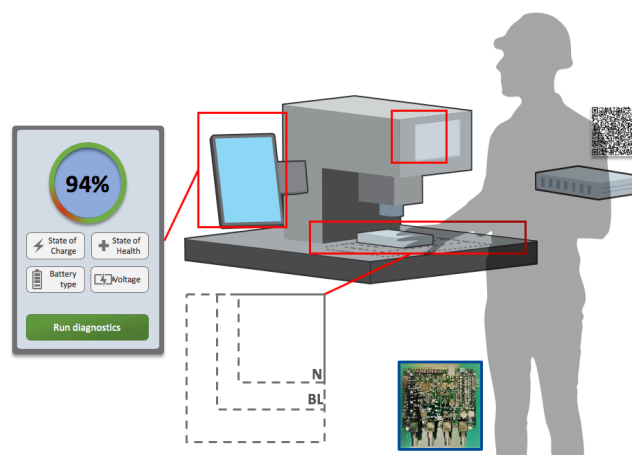
**Member Names:** Shawn Murphy, Steve Africk, PhD., Jeff Kowalski PhD., Erik Soule, Dan Ledger, Khoi Cao, Todd Jensen, Sean O'Day - Commercial partners: Retrie Technologies [www.retrievtech.com](http://www.retrievtech.com), Kinsbursky Brothers Intl. [www.kbirecycling.com](http://www.kbirecycling.com), Call2Recycle [www.call2recycle.org](http://www.call2recycle.org)

**Submission Title:** IonView-Ultrasonic 2nd life Li-Ion State of Health - 1 second test

**Submission Track:** Track 2 – Separation and Sorting

**Abstract:** (<100 Word)

Titan AES has developed a patented hardware/software technology IonView™ at a TRL level of 7-8. IonView™ ultrasonically and accurately tests the State of Health of lithium ion batteries to an accuracy greater than 99% within less than one second. The system is designed to enable rapid sorting and separation of used Li-Ion batteries to economically and accurately determine 2<sup>nd</sup> life or immediate recycling.



Lithium-Ion Battery Recycling Prize

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