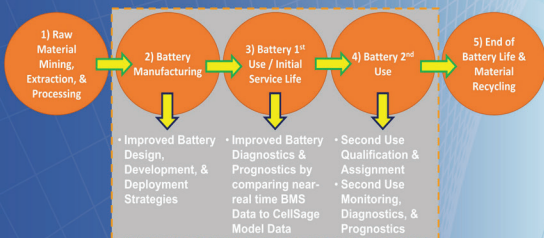


Advanced Battery Health Modeling, Simulation, and Analysis

- A unique modeling toolbox to determine the long-term performance and aging effects of battery packs used in Electric Vehicles (EVs), robotics, power tools, stationary power backup systems, consumer electronics, and other battery powered systems
- Helps to reduce costs associated with upfront cycle life testing, while also reducing the cost of battery pack designs
- Proven to reduce battery aging between 10-25% by refining Battery Management System (BMS) strategies for a variety of target applications
- Optimizes battery life and warranty periods by investigating thermal management, string anomalies, and other customized operating conditions observed with complex duty cycles
- Powerful software analysis covering annual temperature profiles in over 130 U.S. cities and can be easily expanded to include any global geographic region
- Under license from the United States Department of Energy's Idaho National Laboratory (INL) and protected by 5 U.S. patents

CELLSAGE'S ROLE IN A BATTERY'S LIFE CYCLE



MAJOR APPLICATION AREAS



CORPORATE OVERVIEW

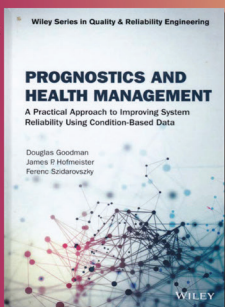
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- Condition-based Maintenance (CBM/CBM+)
- Prognostic Health Management (PHM)
- Integrated Vehicle Health Management (IVHM)
- Reliability Engineering

WHY CHOOSE RIDGETOP?


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 3580 W Ina Road, Suite 200, Tucson, AZ 85741, USA

 +1 (520)-742-3300

 sales@ridgetopgroup.com

 www.ridgetopgroup.com

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