

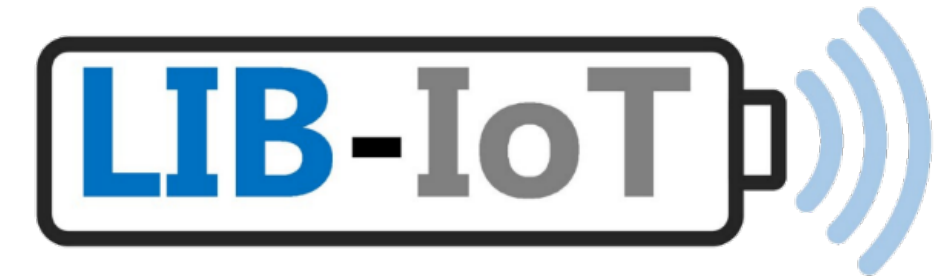


Cloud-Based System & Internet of Things Enabling Better Collection, Sorting, and Overall Recycling of Lithium-Ion Batteries



Team Introduction

❖ Lithium-Ion Batteries and The Internet of Things (LIB-IoT) is a recently created research and technology development company focusing on technologies and practices related to lithium-ion batteries



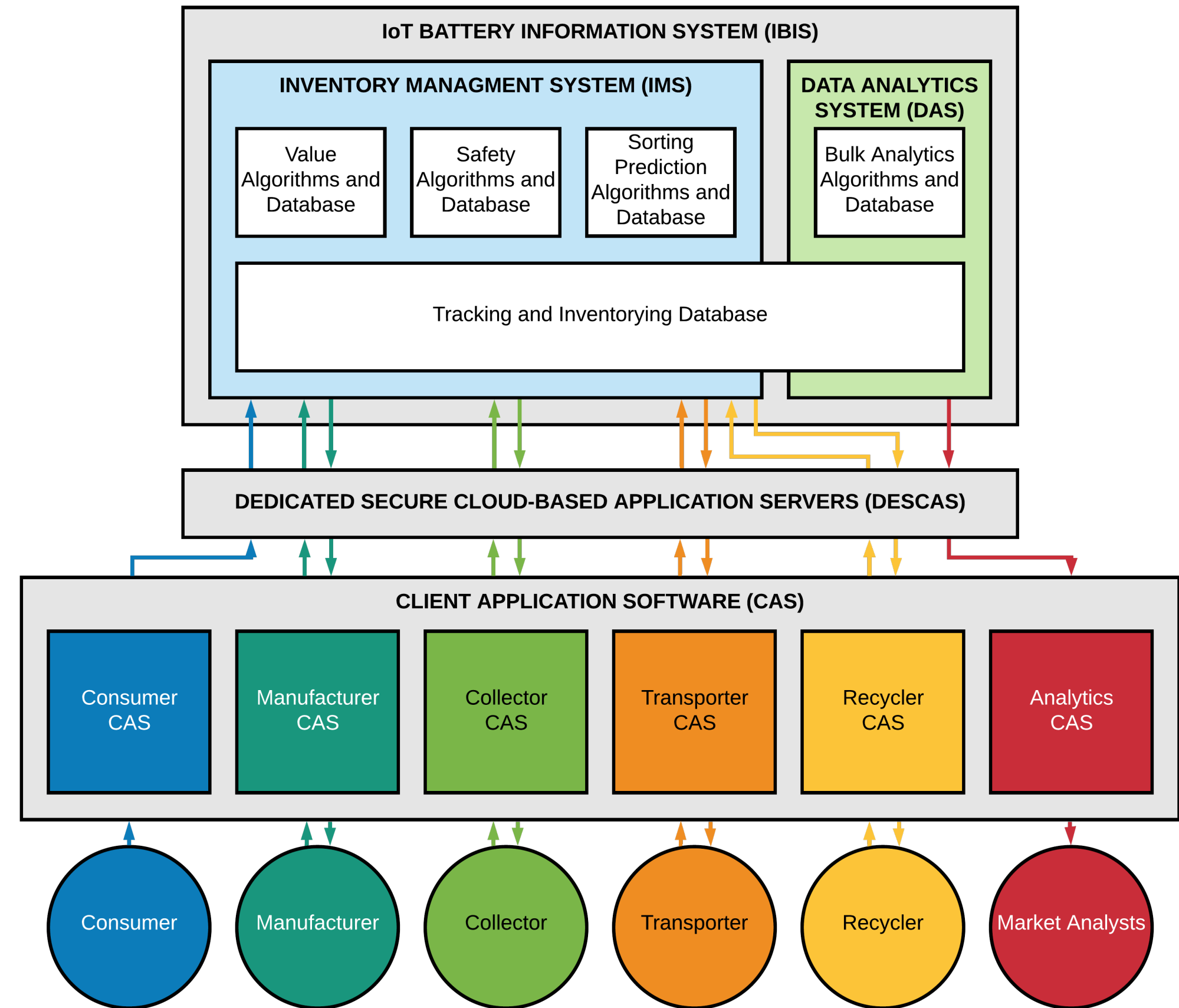
❖ The team has extensive experience in the field of LIBs and includes engineers, IT experts, and cyber security specialists with expertise in:

- Cloud-based IT systems and cyber security
- Battery technology, usage, and life-cycle
- Data analytics and computational modeling
- Infrastructure asset management systems
- Business development and marketing



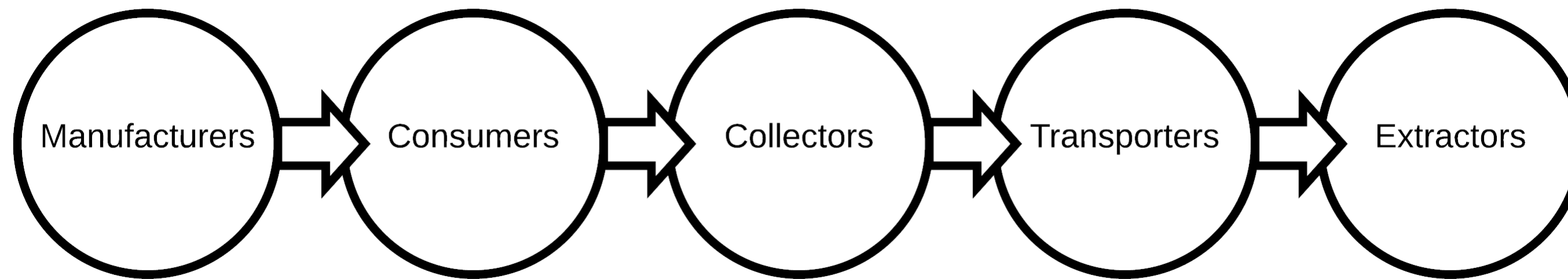
Solution Concept

- ❖ The LIB-IoT concept centers around establishing a unique ID for end-of-life batteries, enhancing collection, and tracking LIBs and their components through the recycling process
 - Using data from consumers and other sources, it provides sorting criteria, quantifies extractable value, manages risk, etc.
- ❖ LIB-IoT implements novel IoT labeling standards, such as RFID, to associate collected data with individual batteries to populate a cloud-based database
 - Cloud-based approach facilitates scalability and real-time accessibility by multiple users in many locations



Potential Partnering

- ❖ LIB-IoT is looking for partners interested in participating in the completion of the end-to-end solution and contributing to the success of the resulting enterprise
 - Partners may be stakeholders in any stage of the recycling process, e.g.:



- Battery collection, storage, and/or transportation
- Material extraction
- Domestic manufacturing and/or distribution
- High-volume LIB use

Contact us at dgrivas@LIB-IoT.com or visit www.LIB-IoT.com

