



**KTON**

PARTNERING WITH EXPERIENCE



Connecting the US  
Battery & Electrification  
industry with  
Asian technology



# Battery Products & Services



We've partnered with top players in the battery industry to bring advanced equipment, services, and technology from Asia to the US.

# Testing Equipment

## Battery Cyclers

**Sinexcel**

## Test Chambers

  
**DGBELL**

## Vibration Testing

**EMIC**  
CORP.

## Integration & Data Analytics

**AND**

  
**JEIO TECH**

  
**PROSIG**  
A CMTG COMPANY

**VOLTAIQ**

  
**(주)대한테크**  
DAEHAN TECH

  
**RULA**



# JEIO Tech - Chambers



- JEIO Tech is Korea's leading laboratory equipment manufacturer since 1988
- JEIO Tech's battery test chambers are used by leading Korean tech conglomerates such as Samsung SDI and LG Chem

## Battery Test Chambers Battery Pack Chillers



**SAMSUNG**  **LG**



# DG Bell – Safety Testing



- DG Bell offers a full-line of battery safety test equipment since 2005
- World-Wide Clientele



Battery Pack Drop Tester



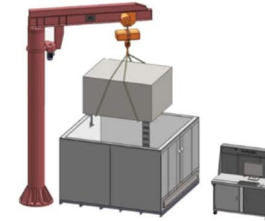
Battery Pack Rotate Test Device



Horizontal Battery Crush Nail Penetration Test Machine



Walk in Chamber for Rapid Rate Temperature / Humidity Test



Sea Water Immersion Test Device



Walk in chamber for Complex Salt Spray Test (Temperature controllable)



External Fire Exposure Test Machine



Large Current Battery Short Circuit Test Device



Thermal Runaway Test Machine



Walk in Chamber for Altitude Simulated Test



Walk in Chamber for Sand Dust-proof Test



Walk in Explosion-proof Chamber (Auxiliary Equipment)



# SineXcel - Cyclers



- SineXcel: Over 140,000 battery cycler channels produced produced





- Vibration Testing from Japan

## EMIC Product

Vibration Test System, Combined Environmental Test System.



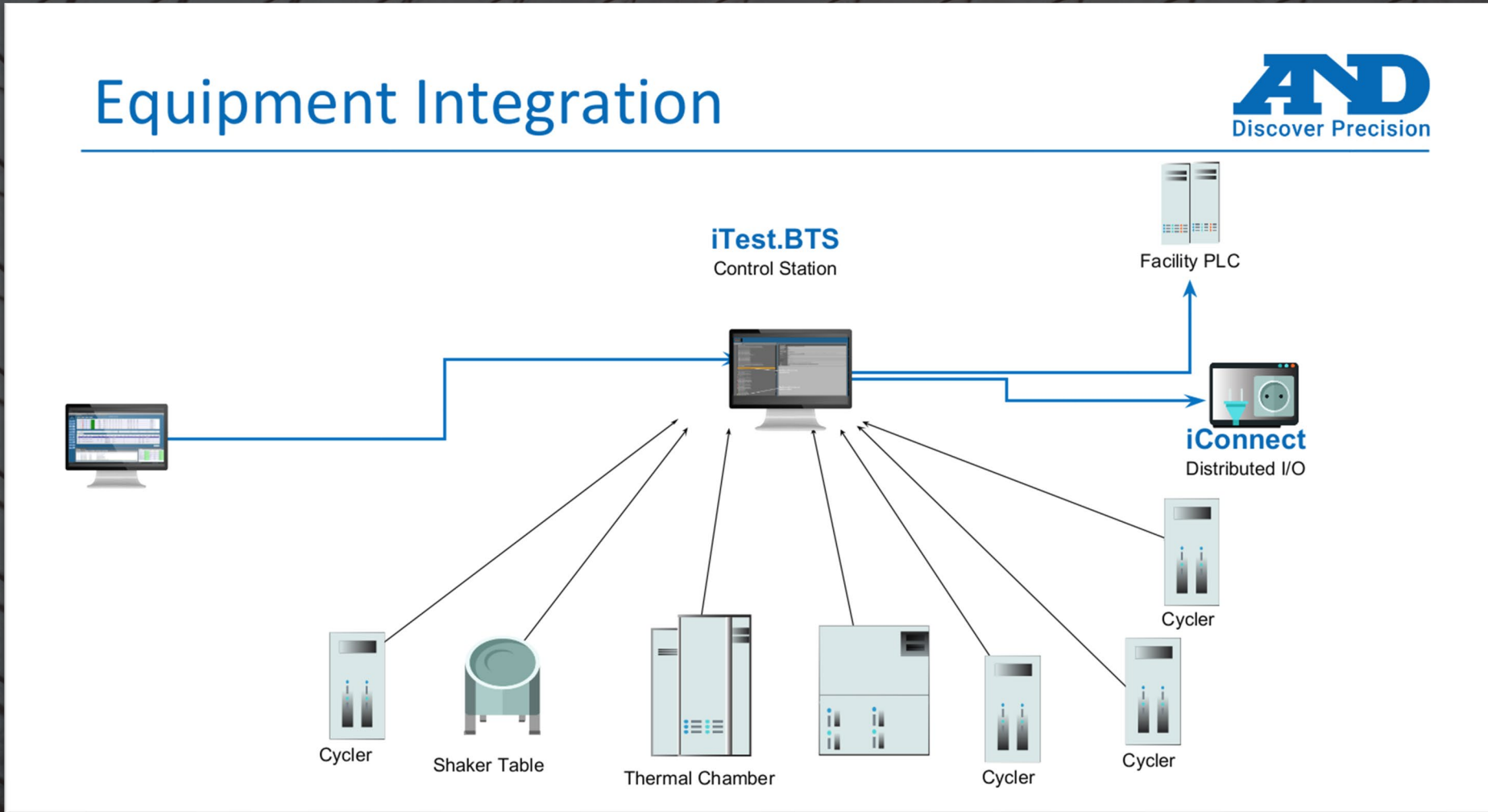




# A&D – Test Integration



- Test Equipment Integration





### Enterprise Battery Intelligence (EBI)

Data is the lifeblood of the battery ecosystem. Voltaiq was first to market with a platform solution and remains the leader

- **Rapid, data-driven assessments of battery performance and health** are key to accelerating product launch, de-risking operations, and **maximizing lifetime value** of battery products
- **Voltaiq pioneered Enterprise Battery Intelligence**, offering the first full-lifecycle, battery-focused analytics software platform
- Voltaiq is **production-proven** at dozens of leading companies



- Voltaiq’s EBI platform is the battery-domain “glue” **connecting** the enterprise **tools you need to run your business**

SIEMENS

MathWorks

BATEMO  
UNDERSTANDING BATTERIES

PDF/SOLUTIONS™

CITRINE

Logos reflect a selection of Voltaiq customers and partners



# Recycling Equipment

## Rapid Discharger

**Maroo On**

## Black Mass Refining



## Recycling Services

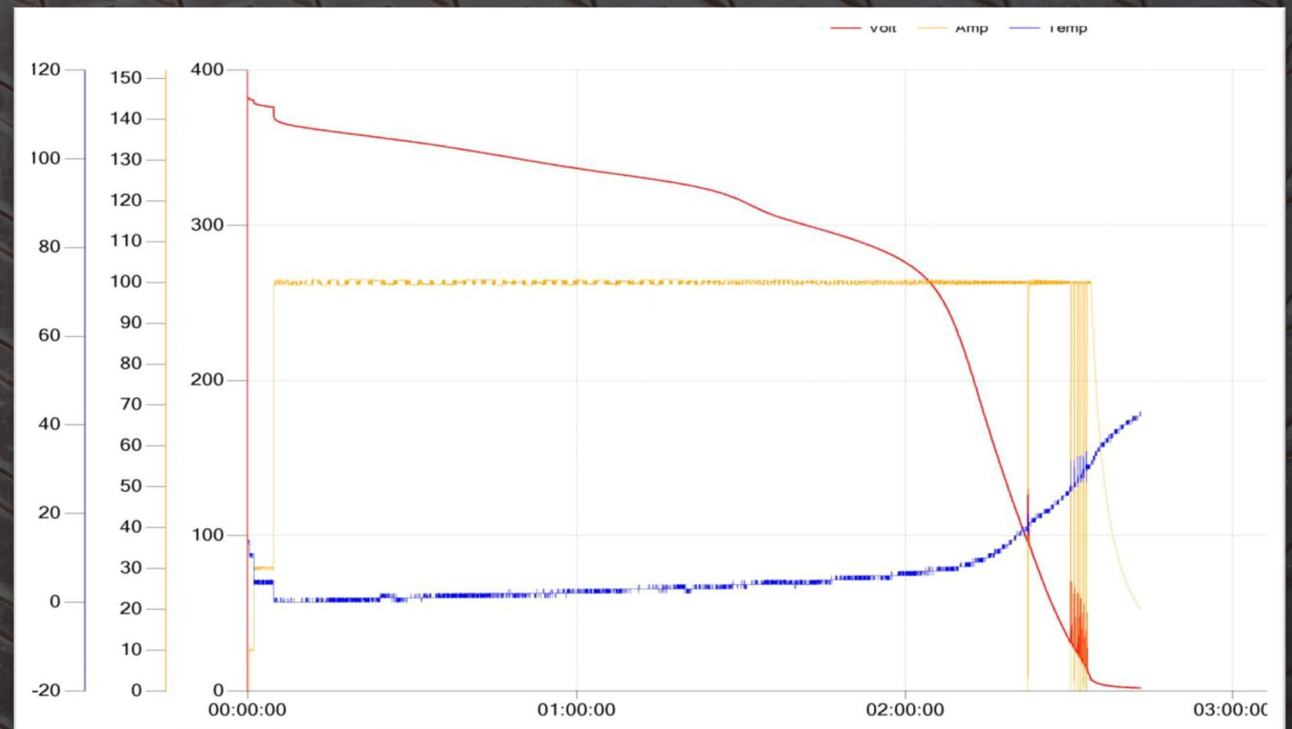




# Maroo – Rapid Discharger

Maroo On

- The Maroo Rapid-Discharger/Terminator
  - Safe and complete discharging of large format batteries (EV)
  - Full discharging of 100kWh EV battery pack in 2.5 hrs





# Green Li-Ion – Black Mass Refinement



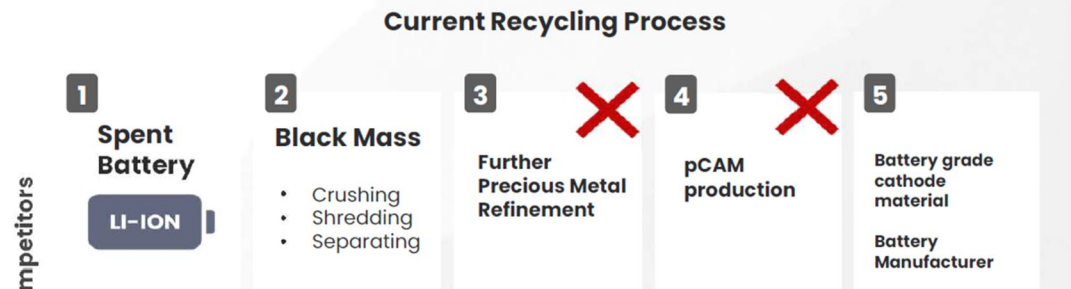
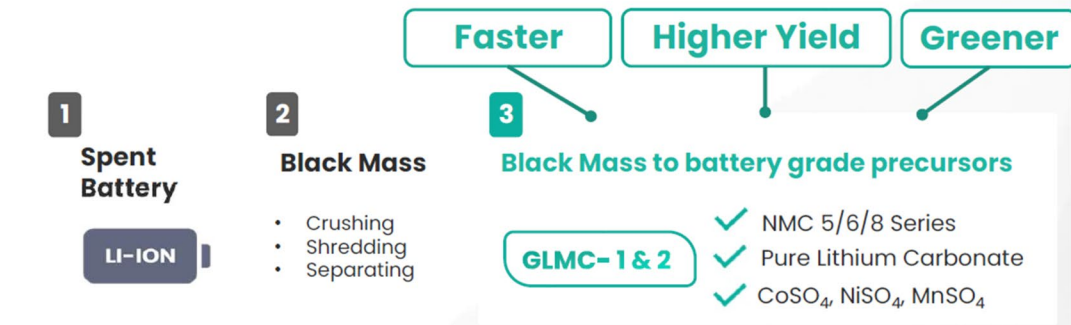
## Our Technology

Green Li-ion's **GREEN HYDROREJUVENATION™** technology removes two steps in the current recycling process, accelerating the recycling process, improving cost and reducing energy needs

Green Li-ion's technology takes black mass and moves directly to produce **GREENpCAM** (precursor cathode active material) **graphite and technical grade lithium carbonate (Li<sub>2</sub>CO<sub>3</sub>)**

Making battery recycling commercially viable

## Green Li-ion's Process



Competitors





## NAATBatt Onshoring Battery Technology Committee

---

This committee assists and advises battery and battery materials companies located outside of North America in establishing manufacturing operations in the United States.

Existing NAATBatt members can use the committee to identify and partner with new market entrants. NAATBatt welcomes foreign companies that wish to become members of the North American advanced battery community.

### **Current Chairs**

Andreas Bareid, QAD

Fred Lee, KTON

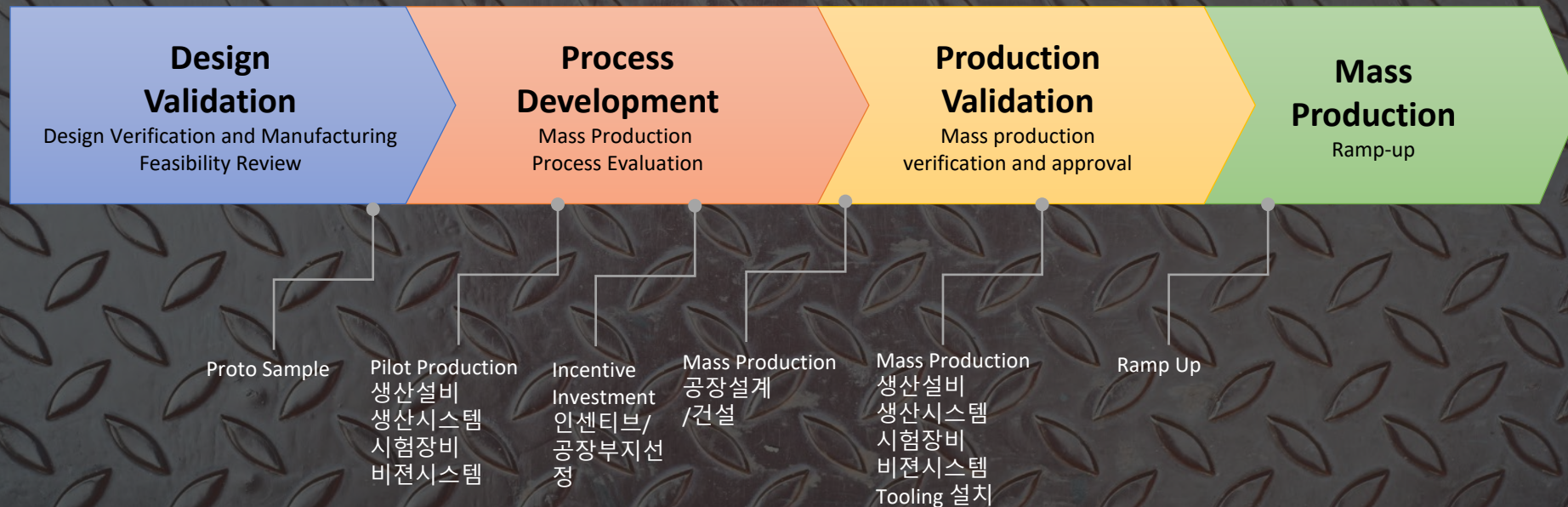
# New Service Launch

---



# KTON Master Tech Team

KTON has strategically curated a **master-level battery production technology team**, drawing expertise from both South Korea and the United States to support emerging battery startups in the U.S.







# KTON Battery Mfr Staffing HRO Service

KTON has strategically curated a **Battery Manufacturing Focused Staffing Service**, drawing expertise from both South Korea and the United States to support emerging battery startups in the U.S.





**KTON.US**

Chicago | Seoul



info@kton.us