Intelligent cells; better batteries

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Michael Muzzin, Commercial Director

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If you had to invent BMS today, how would you do it?

• Compass >> GPS

• Landline phones >> Cellular phones

• Transistor radio >> Infotainment & Telematics

Improved Information & Communication
Dukosi Introduces: Next Level of Core BMS Technology

• Application Specific Integrated Circuit (ASIC),
• AKA “the Brains”

PLUS RF (Radio Frequency) Communications,
• AKA “the Communications Link”

• Integrated by Dukosi software
Dukosi Invents The Intelligent Cell

Dukosi Benefits:
- Eliminates wiring and connectors
- Reduces weight and volumetric need
- Real time SOC, SOH calculation and data storage at the cell – permanently
- Simplifies design and testing
- Simpler and safer – Wires = Fires

Conventional pack with wired BMS & slave unit(s)

Dukosi ASIC embedded in a prismatic cell

Dukosi pack with wireless BMS
Significant Updates

• Commercial Program announced:
  • XALT Energy, Midland, MI

• 3rd-Party Cost Study Complete:
  • Project completed with Munro & Associates, the “gold standard” of cost/functional benchmarking.

RESULT: Our study shows Dukosi’s cell-based BMS is at least 20% less costly than a current production major automotive BMS.
Significant Updates

• New Board Technical Advisor:
  Dr. John Warner (joined October 2018)
Thank You!

For more information:

Revolutionary cell-based BMS

www.dukosi.com

Munro & Associates:

www.leandesign.com

Munro is frequently featured on www.autoline.tv for their in-depth Tesla Model 3 analysis