

Architecture Working Group

Brian Fritz

Architecture Working Group Co-Chair

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Goals & Charter

- Evaluate Architecture Changes that Reduce the Total Implementation Cost of the Smart Power Solution.
 - Battery and Electronics
 - Power Source Selector
 - Battery Charger
 - AC Adapter / Auto – Airline Adapter



Deliverables

- Proposal to Document Review Board of Changes to Existing Architecture.
- White Paper on Advantages of any Proposed Changes.

Architectural Concepts Under Review

- Use of FET's within the Battery Packs to Perform the Selection Function.
- Eliminate Multiplexing SMBus Communication Signals.
- Repartitioning the Charger, Selector, and Battery Controller.
- Allow for a Re-Learning Cycle in Systems and Chargers.



Progress to Date

- The Architecture Working Group is Newly Formed.
- The Group has Defined their Charter.
- We are Looking for Active Members.

Architecture Working Group

Co-Chairs:

Brian Fritz – Maxim Integrated Products

Mike Schneider – Compaq Computer Corp.

- Reflector: arch@sbs-forum.org