

IS YOUR SYSTEM HAVING SOME POWER PROBLEMS ?



Power system development and first power-on for your complex product can be very stressful times indeed.

Power-related issues can very easily escalate into major product meltdowns or aggravating interactions. The consequences can range from an underpowered board to **KABOOM!**

The net effect may be a time consuming re-design or frustrating debug of the problem, resulting in project slips and missed market opportunities.

WE CAN HELP!

dtm Associates can help you with your product's power system development.

dtm Associates becomes your development partner, acting as a power technical resource for your company. We are your advocates, helping you to resolve your toughest technical challenges in a cost-effective manner.

HOW CAN WE HELP YOU?

We have significant design expertise in the areas of power system architecture, power distribution and power conversion. Simply put, we **understand** power!

Some of our specific expertise includes:

- DC Power Entry/Distribution Module (PDU/PEM) Specification and Design
- AC Power System Design
- On-Card DC-DC Converter Selection or Discrete Design
- Hot-Swap and Arc Suppression
- Battery Back-Up (BBU) Subsystems
- Multi-Chemistry Battery Chargers
- Noise Filtering and Transient Suppression
- Redundant System Configurations
- Power Back Plane and Bus Bar Design
- Thermal Design and Analysis
- Cooling System Power and Control Design
- Alarm-Relay Signaling, Fault and Status Reporting Circuitry



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THE “dtm EXPERIENCE”

Customer-Centric Service. We put ourselves in your shoes. Your problems become our problems. Our motivation is to help you achieve your product goals, whether they are swift time-to-market, low product cost or a unique product feature set.

Partnership. We want to partner with you to do the most effective job possible. We strive to use your systems, documentation and processes to make the “dtm Experience” as seamless for you as possible.

Continuous Improvement. We are committed to continuous improvement of our services. Let's face it, problems do occur. We try to make sure that we learn from the rough spots we encounter and pass the benefits of our experience along to you.

Ethical, Honest Service. We are committed to deal with our customers and clients in a candid and honest manner. No secrets or surprises. We treat all our projects as “Proprietary” and we communicate all problems or difficulties with you as soon as they are encountered. We quote our rates up front, and we only charge you for hours worked.

CAN WE HELP YOU?

We think so, but you're the best judge of that question. Please give us an opportunity to quote on your toughest technical challenges, and visit our website, www.dtmassociates.com to review our capabilities. We're very sure you will find that ... **We Can Help!**