Rand Simulation Adds Electromagnetics Expertise

Electronics Manufacturers Optimize Designs, Compress Development Time and Streamline Physical Testing with Rand Simulation Expertise

Baltimore, MD — October 23, 2019 – In today's world of 5G technology and the Internet of Things, electronics manufacturers face mounting pressure to produce innovative products on shorter timelines and with smaller budgets. Rand Simulation (Rand SIM), a division of Rand Worldwide, providing ANSYS software solutions, training and consulting services around Computational Fluid Dynamics (CFD) and Finite Element Analysis (FEA), has added Electromagnetic (EMAG) Simulation expertise to its technical team. Rand SIM's EMAG experts are dedicated to helping electrical engineers innovate, optimize and validate designs in a virtual environment, driving time and cost savings throughout the product development cycle.

"To be competitive, electronics manufacturers are integrating simulation solutions into their product development workflows to enable evolving design innovation while meeting time-to-market and cost constraints," says Jason Pfeiffer, vice president, Rand SIM. "Our newly added electromagnetic simulation expertise allows us to strategically partner with these electrical teams to build confidence in their designs by replicating physical testing in a virtual environment so they can quickly understand the impact of design decisions and make adjustments prior to fabrication. We enable our clients to enhance their in-house simulation capabilities through the implementation and adoption of ANSYS software, or we can become a collaborative extension of their design team by sharing our deep simulation consulting expertise."

Jared Hansen, an electrical engineer with extensive electromagnetics education and experience, will lead this new area of focus for Rand SIM. Jared has historically focused on antenna and PCB design, as well as EMI mitigation and development of microwave components.

"Think of us as your center of excellence for electromagnetic simulation challenges," says Jared Hansen, PhD and lead electromagnetics specialist for Rand Simulation. "Whether it's reducing the number of board spins when manufacturing PCBs, optimizing motors for low frequency designs or producing effective high frequency antennas, our team is your strategic simulation partner in the US and Canada."

Rand Simulation's electromagnetics simulation solutions can be leveraged for virtually any electronics application. Read this brief whitepaper or visit www.randsim.com/EMAG to learn more about this complete offering. To connect with one of Rand Simulation's experts to gain a deeper understanding of electromagnetics simulation and how it can benefit your business, call 888-483-0674 or email simulation@rand.com.

About Rand Simulation

Rand Simulation is focused on helping organizations bring their product vision to reality through incorporating engineering simulation technology into the product development process. Rand Simulation helps product development organizations looking to compress the design process, maximize innovation, strengthen competitive differentiation and grow bottom-line profitability. Serving as both a North American reseller of ANSYS engineering simulation software and a trusted design consultant, Rand Simulation offers insights gained from over 3,000 design projects using engineering analysis software to balance design performance with size, cost, DFM and aesthetics.

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