AN INTEGRATED MULTI-DOMAIN SOLUTION EMPOWERS BEST PRACTICES FOR ELECTRONICS DESIGN


**Best Practice #1:** A multi-domain solution enables a strategy to optimize manufacturability. Domain integration allows electronic system designers to “Shift Left,” moving manufacturability and performance analysis from a post-process step that’s run at the end of the design process into an integrated solution within the electronics design system. Shift Left methodology elevates in-design analysis for electronic systems to a new level, delivering shorter cycle times, lower costs, and higher quality.

**Best Practice #2:** A multi-domain solution improves designer productivity through tool and process efficiency. This productivity-boosting best practice counteracts the attrition of skilled labor and provides a common view into design product data across mechanical, electronic, electrical, and software domains.

**Best Practice #3:** A multi-domain solution improves communication and collaboration across R&D. The outcome of multi-domain collaboration is positive, toppling development silos, bridging design gaps, enhancing organizational communication, and speeding product development.

Best Practices pay off. Best-in-Class organizations perform much better compared to All Others across cycle time, cost, and quality metrics.