

# EMBRACE THE DIGITAL TRANSFORMATION OF THE FOURTH INDUSTRIAL REVOLUTION

*Digital Transformation: How the Best-in-Class are Preparing for the Fourth Industrial Revolution and Beyond* details how digital transformation is reinvigorating manufacturing. This checklist reveals how Best-in-Class organizations are creating a new industrial experience for their customers by embracing practices and emerging technologies of the Fourth Industrial Revolution (4IR).

- ❑ Pursue mass customization. Best-in-Class organizations pursue mass customization to provide unique value to their customers in an efficient manner. Through “collaborative customization,” they conduct dialogue with individual customers to help them articulate their needs, identify the precise offering that fulfills those needs, and make customized products for them accordingly.
- ❑ Achieve unified collaboration. The Best-in-Class embrace unified collaboration with customers, vendors, and partners. Consequently, they not only have better collaboration with customers, but also among multiple internal engineering teams, and between engineers and non-engineers.
- ❑ Implement 4IR emerging technology. The Best-in-Class are leading the charge in implementation of Industrial Internet of Things / sensors, additive manufacturing, machine learning, virtual reality, augmented reality, simulation, and virtual prototyping.
- ❑ Design products productively. Use advanced simulation, virtual prototyping, augmented reality, and additive manufacturing. Choose common design tools and a consolidated simulation platform.
- ❑ Accelerate digital transformation via the Cloud. The Best-in-Class are migrating to the Cloud faster than All Others in pursuit of the many benefits it can enable.