The Quest for Digital Transformation requires Comprehensive Configuration Management

Many organizations struggle with the ability to manage information accurately throughout the product/solution lifecycle. How to maintain the digital thread from the baseline to the planning bill, then to order and finally to the actual as-built record is a major challenge. Knowing which requirements, at which revision level, to use at any point in time is another challenge. This lack of success creates a high level of intervention resource expenditure and an inability to track fielded configurations, which in turn, drives significant costs in warranty, recall, and concession costs that have potentially devastating impacts on the business.

To truly leverage the power of the digital thread and facilitate a true digital twin, all facets of the organization and all lifecycle phases are reliant upon the Enterprise Configuration Management process.

Tickets (Includes Networking Dinner)
Members - $5   Student Members – Free
Affiliates - $10   New Members: Free with Membership

EVENT REGISTRATION REQUIRED
Lawrence Technological University

About Our Speaker Sam Abu-Hamdan is a Senior Director of the North American Automotive business at ARAS Corporation.

Sam has both a Bachelor's and Master's degree in Mechanical Engineering from Oklahoma State University, as well as a PhD from the University of Missouri-Columbia where his studies primarily focused on process automation in manufacturing assembly cells. He began his career in the automotive industry over 25 years ago as a product designer at a Tier 1 supplier, before moving to a consulting firm to become a product design consultant where he used finite element analysis to simulate various design and manufacturing challenges. With the advancements in the CAE field in the late 90's, Sam moved to CAD automation and data management processes, which grew over the years into Product Lifecycle Management (PLM), including digital twin and digital thread. Sam currently works for Aras Corporation, the next leader in enterprise Product Lifecycle Management software.

During his free time, Sam is actively involved in the Troy Community through Rotary International, where he served as President of the Rotary Club of Troy in 2015-2016 and where he currently serves as the Assistant District Governor for Southeast Michigan. He is also on the executive board of the Troy Youth Assistance.