

Harnessing the power of product traceability in a smart robotic manufacturing environment

Ted Rozier

Festo Didactic, North America



Abstract

The era of Industry 4.0 is upon us. Industrial manufacturing companies are facing strong demand to increase their productivity by realizing smart factories and smart manufacturing. With Festo Didactics education training modules designed around the implementation of I4.0 methodologies - it's now possible to foster the development of Industry 4.0. Within this discussion we will focus on one of the six solutions to transitioning a plant environment of legacy equipment into an efficient smart factory. We will clearly define the overall system approach to manufacturing which will show how robotics plays a key role in the implementation!

- Machine Automation
- Equipment Monitoring & Optimization
- Machine Monitoring & Predictive Maintenance
- MES Integration & Robotic Production Traceability
- Factory Energy Management System
- Cloud innovation

Biography

Ted Rozier is the Director of Engineering for Festo Didactic Solution Center North America Head quartered in Eatontown NJ, (Since 2014) Before Joining Festo Didactic, he brings 18 years of experience in leading the Automation Engineering Department for Doosan Infracore Machine Tool Corporation. He specialized in the design and development of Robotics and Machine tool turnkey systems for the Automotive, Aerospace and Pharmaceutical industry. Ted has managed the development of several User friendly automation control turnkey systems on a global scale. As Director of Engineering of Festo Didactic, Ted is passionately looking to advance Festo Didactic as a global leader in designing and implementing Industry 4.0 learning factories and demystifying I4.0 career pathways with the view to systematically prepare individuals to excel working in dynamic and complex industrial automation environments.

[2nd World Summit on Robotics](#) | February 24, 2021

Citation: Ted Rozier, Harnessing the power of product traceability in a smart robotic manufacturing environment, Robotics Congress 2021, 2nd World Summit on Robotics, February 24, 2021, Page 14