

Bio – Mike Nager

Mike Nager is the **Business Development Manager** for **Festo Didactic** Solution Center, Eatontown NJ.



Mike Nager is an electrical engineer by training and for 20 years has been employed by leading manufacturers of industrial controls and electrical components that used in every manufacturing and utility industry. He is a senior member of the IEEE and the ISA professional societies and has held leadership positions in both as well as the Material Handling Industry Association. Mike is a volunteer programs such as the IEEE Mini-Engineering Academy which gives students experience in the technical fields.

Mike has presented and published several papers such as “The Four Organic Growth Sales Strategies” in the *ISA Management newsletter*, “Hot Tips on Thermocouples” in *Machine Design*, “Understanding Surge Suppression” in *Plant Engineering*, “Lightning Protection for Water Treatment Plants” at the *Water Environment Federation Conference*, “You’re Not in Kansas Anymore! The Strange Physical World of Industrial Ethernet” at the *BiCSI Winter Conference*, and “The Internet of Industrial Things” at the *IEEE/ACM Conference*.

Mike also works with the SAP University Alliance bringing the message of advanced manufacturing advances directly to the business, IT and engineering education networks. He promotes the technologies coming together in the “Cyber Physical Factory” as a paradigm shift that promises to bring great opportunities (and threats) to manufacturing operations in the future.

Bio – Ted Rozier

Ted Rozier is the **Engineering Development Manager** for **Festo Didactic** Solution Center, Eatontown NJ.



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 and developed software that is the foundation for Automated Robotic Manufacturing systems on a global scale and has been acknowledged in several Manufacturing Engineering magazines for his innovative user friendly software development.

As Engineering Development Manager, Ted is passionately looking to advance Festo Didactic as a global leader in designing and implementing learning factories and training programs with the view to systematically prepare individuals to excel working in dynamic and complex industrial automation environments.

Ted is also a member of the **AMT Global Service and Technical committee**.

Abstract: **Growing the Next Generation Automation-capable Workforce**

It has been acknowledged that tomorrow's automation manufacturing process includes Smart Factories, Smart machines, Smart materials and smart products that have the ability to communicate with each other , Alternately driving production , being interconnected and traceable at all times within an "Internet of things"

As we prepare to develop the talent needed to support the demand for bringing Manufacturing back to the US. It is essential to interrogate and define what types of skills will be needed to support the game changing technology of tomorrow.

Festo Didactic will dive deep into the classroom of a few Universities and Community colleges to discuss educational strategies as well as case studies that have been put in place to shape a strong Advanced Automation Manufacturing and Mechatronics program.