

Practical Industry 4.0: Leveraging Market-ready Digital Technologies for Factory Operations

written by Lauri Moon | March 9, 2021

The American manufacturing sector is undergoing a digital transformation. However, as manufacturers explore the idea of digitizing their own factories, they must sift through vast amounts of information and determine what is just “noise” versus what is practical. Join DVIRC and MxD for a training that will address practical application of Industry 4.0 in a factory setting, discuss the do’s and don’ts of digital manufacturing, and outline some common misconceptions related to factory digitization.

Benefits of attending:

- Hear from MxD, the nation’s digital manufacturing institute, about what Industry 4.0 encompasses and how manufacturers can think about application in a factory
- Learn about a practical approach to digital transformation and understand what manufacturers can do today with commercially available digital technologies
- View portions of MxD’s state-of-the-art Future Factory in a virtual demonstration, including a line that is equipped with a dozen sensors monitoring everything from ambient temperature to machine vibrations

Who should attend:

This training is most applicable to small and mid-sized manufacturers who are interested in learning more about Industry 4.0 application in a factory setting. Job functions include representatives who manage factory operations, process improvement, and/or digital implementation.

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Presented by MxD

MxD is where innovative manufacturers go to forge their futures. In partnership with the U.S. Department of Defense, MxD equips factories with the digital tools and expertise they need to begin building every part better than the last. As a result, our nearly 300 partners increase their productivity and win more business.



Tony Del Sesto, Technical Fellow, MxD

Tony Del Sesto is the Technical Fellow for MxD. In this role, Tony works closely with MxD's partners to develop, test, and commercialize state-of-the-art digital technologies aimed at increasing the productivity of American manufacturers. He is also responsible for leading the MxD 22,000 square-foot manufacturing facility. Tony has more than 25 years of concept-to-customer experience in product development, supply chain, and manufacturing operations. Tony holds a bachelor's in Mechanical Engineering from Florida Atlantic University, a master's in International Business Administration from Nova Southeastern University, and is a Stanford Certified Project Manager. Tony has on-site work experience in over 200 factories in 15 countries and lived abroad in Asia for eight years.

This unique course is being offered free of charge to the manufacturing community through a grant from the Department of Defense's (DoD) Office of Economic Adjustment to help strengthen the capabilities and competitiveness of small and mid-sized manufacturers (SMMs) critical to the DoD supply chain.