Smart Manufacturing IT Readiness
Onsite or Virtual - 32 Hours – Optimum Class Size: 6-8 Participants

Training Description:

With the pace of digital disruption in most industries today, companies are faced with the challenge of how to remain relevant in these times of change. This training delivers insights on the possibilities of leveraging new "Smart Manufacturing" capabilities to help grow revenue, reduce costs, improve customer sentiment, or increase time to market. Participants will be provided with an overview of new industry capabilities such as Advanced Robotics, Data Analytics, Cyber Security, Additive Manufacturing, Augmented Reality, Horizontal / Vertical Integration, Industrial Internet of Things, as well as Simulation and Cloud. This training will highlight examples of these capabilities with a focus on how to address critical key building blocks needed to start on the journey. Smart Manufacturing IT Readiness will assess the company's current state and determine readiness by evaluating against a set of critical building blocks needed to achieve success. This training is delivered onsite or virtually and is intended for all levels of the company.

Training Objective:

This training will focus on developing a deeper understanding of the company's IT landscape and operating model to assess readiness for implementing Smart Manufacturing capabilities. Participants will attain an understanding of the importance of capabilities such as: network, application architecture, data strategy, device strategy, data center, disaster recovery, and security. They will also learn how these building blocks support delivering more advanced capabilities.

Skill Attainment:

This training will provide a brief overview of Smart Manufacturing and benefits of the key capabilities. In addition, the training will provide an understanding for what foundational capabilities the company needs to advance their digital roadmap. Skills acquired in this training include:

- Understanding the importance of the network architecture needed to support IIoT and other capabilities
- Build appreciation for a data strategy and how to grow from static reporting to predictive and prescriptive analytics and insights
- Increased knowledge of application architecture and how this supports process improvements and horizonal and vertical integration
- Understanding of a cloud strategy and how it enables improved speed and collaboration
- Awareness of possibilities for automation in their environment
- Insights on new, more agile ways of working to better promote collaboration, speed to market, and innovation

Training Content:

- Classroom training to cover the Smart Manufacturing capabilities, and critical foundational elements for success. Training to review maturity against the key foundational capabilities (network, application architecture, data strategy, device strategy, data center, disaster recovery, and security) and recommendations for areas of opportunity.

- One on one or small group sessions to assess how the company's existing IT landscape supports achieving the vision and to review key priorities and explore possible solution options