Key Trends in Digital Manufacturing You Need to Know

written by Lauri Moon | September 23, 2019

Whatever industry you're in, it's impossible to avoid Industry 4.0 and the barrage of buzzwords that accompany it. Digital Twins, artificial intelligence (AI), machine learning, predictive maintenance, and cybersecurity – there are enough new tools and technologies coming onto the market to make a manufacturer's head spin. But whilst these technologies are new to many manufacturers, the market is moving quickly, and there are already plenty of leading industrial companies that are seeing the benefits of their digital transformation activities at sustained speed and scale.

GE Digital Director of Product Management, Joe Gerstl and GrayMatter Co-founder & Vice President of Manufacturing, Carson Drake will help you cut through the noise and discuss the key breakthroughs and trends in digital manufacturing. One of these notable trends is the shift of viewing manufacturers as technology companies.

By joining this webinar you'll learn how leading manufacturers have embraced technologies to:

- Move from silo'd systems to technologies that offer context
- Shift from analyzing the past to predicting the future
- Develop new competitive advantages by creating centers of innovation

Speakers

 Joe Gerstl, Director of Product Management, GE Digital

Joe Gerstl is the Director of Product Management for GE Digital's Plant Applications MES software. He has worked in the software industry and in manufacturing for over 30 years spending time in various roles including engineering, sales and product management while working at leading companies such as Microsoft and now GE Digital.

 Carson Drake, Co-founder & Vice President of Manufacturing,

GrayMatter

Carson Drake is the Vice President of Manufacturing Industries for GrayMatter. A seasoned MES and Manufacturing Intelligence expert, Carson Drake has been combining automation best practices with emerging technology to solve complex business problems for over 25 years. After graduating with honors from Fairmont State University in West Virginia, Carson quickly gained valuable plant-floor knowledge in the manufacturing marketplace; working at Modicon with motion, PLC and HMI technology across the United States in assembly plants, packaging plants and in a variety of industries. Carson is tasked with handling our key manufacturing accounts directly as well as directing our overall manufacturing team.

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Data Visualization: How You Can Take Analytics to the Next Level

written by Lauri Moon | September 23, 2019
With the right tools and strategies in analytics, you can leverage the data you are collecting to deliver better cost and productivity efficiencies in your business. All manufacturers collect and analyze data to drive and support business decisions, but how do you know that you're getting the most out of your data? The next level in

analytics is data visualization, which presents the analytics visually so managers and your teams can review and capitalize on historical trends and trajectories and maximize your output.

This webinar will teach you key strategies, for effective data visualization and show you how you can develop and leverage analytics at the right level, with the level of detail necessary to identify and create action plan to take your business to the next level.

Rich Carpenter, General Manager of Product Management, Machine Automation Solutions at Emerson, is responsible for Machine Automation Solutions entire portfolio. Rich was previously CTO of GE Digital Automation Software and as part of that, he has experience creating and deploying solutions in manufacturing plants around the world. He will discuss data visualization methods and how it can help take your plant's analytics to the next level.

By joining this webinar, you will have the tools you need to:

- Develop strategies for effective data visualization
- Develop strategies to deploy important analytics at the right level
- Drive better cost and productivity efficiencies through analytics

Speakers

W. David Stephenson, Principal, Stephenson Strategies

W. David Stephenson, principal of Stephenson Strategies, has built an international reputation as a creative Internet of Things (IoT) consultant, thought leader and journalist. He wrote <u>The Future Is Smart</u>, (HarperCollins Leadership imprint, 2018), the first guide to IoT strategy; and <u>Data Dynamite: How Liberating Information will Transform our World</u>. an introduction to big data and the benefits of sharing data. He writes a column on the Internet of Things for *IndustryWeek*.

Rich Carpenter, General Manager of Product Management, Machine Automation Solutions, Emerson

Rich Carpenter is responsible for Machine Automation Solutions entire portfolio at

Emerson. Rich was previously CTO of GE Digital Automation Software and as part of that, he has experience creating and deploying solutions in manufacturing plants around the world.

Using APIs to Break the Barriers of Smart Manufacturing

written by Lauri Moon | September 23, 2019

The #1 barrier to Smart Manufacturing is the lack of connectivity between your systems and processes. The smartest manufacturers are jumping ahead of competitors by using APIs to break through these barriers and get critical data flowing instantly to the right people at the right time. Are you using APIs for this?

Join this webinar and learn:

- How APIs are critical for digital communication throughout the entire value chain
- Why APIs are powerful tools that aren't just for IT
- How APIs accelerate value realization

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