# DIGITAL TRANSFORMATION FOR MANUFACTURING

**May 12, 2021 | Online**

# Technology → Predictive Analytics →Prescriptive Actions → **Self Optimization**

Manufacturing transformation does not come quickly. But after 100 years of incremental progress, we are seeing the next Industrial Revolution take place.
A digital revolution.

Companies are working towards their goals using advanced data collection and analysis, automation, AI, IoT, Cloud Computing and more. Digital Twins, Digital Threads, Industry 4.0 and Virtual Design are just some of the new buzz phrases anchoring these strategies.

At Digital Transformation for Manufacturing, hear from leaders spearheading their transformations in their manufacturing organizations, seeing results in savings, production, and efficiencies. Hear these use cases, learn about new technologies, and get your questions answered.

You have a huge transformation ahead of you. You have big plans. But there are quick wins to be had and this event will help you find them.

## Confirmed Speakers:

Viren Shah, Chief Digital Officer, **GE Appliances**
Satyaki Lodh, CIO, **Borden Dairy**
Saip Eren Yilmaz, Director of Industry 4.0 Innovation, **Stanley Black & Decker**
Leonel Leal, Director, Global Advanced Manufacturing Engineering, **Whirlpool**
Dana Scalf, Manufacturing Transformation Manager, South Region, **Bimbo Bakeries**
Anthony Huffman, Senior Operational Excellence Manager, **Molex**

# AGENDA

# WEDNESDAY, MAY 12, 2021

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| 11:00 | Chairperson's Recap |
| 11:15 | **Keynote Presentation: It Starts with the Use Case: Determining Where Your Transformation Can Thrive**<br><br>No one said a digital transformation would be easy. But, rather than the search for the right technology, or the business case build, or the employee buy-in, really, the most crucial component to a solid start is having focus. With the hundreds of opportunities DT presents in manufacturing, it is difficult for many companies to decide on where to place their focus. Where do they start? What problem do they solve? Saip Eren Yilmaz leads Industry 4.0 for Stanley Black & Decker, and is tasked with overseeing this process. In this keynote Eren will reveal tips on:<br><ul><li>How to determine the problem to solve, how to reframe it, and how to develop out the use case for what the technology is for</li><li>Managing stakeholder input and ensuring internal executive alignment</li><li>Key steps from assessment to deployment of technologies</li></ul><br>Saip Eren Yilmaz, Director of Industry 4.0 Innovation, **Stanley Black & Decker** |
| 11:45 | 10 Minute Session Break |
| 11:55 | **Improving Operational Efficiency by Streamlining IoT Data Ingestion**<br><br>Visualizing and analyzing industrial IoT data in real time enable teams to mitigate risk, become more productive, improve predictive maintenance and save time in day-to-day operations. But how do you collect, consolidate and store IoT metrics while increasing entire system scalability?<br><br>Discover how Fr. Ant. Niedermayr, a German print manufacturer, gains business insight and competitive advantage by simplifying and streamlining its time-stamped data ingestion from stacks, sensors and systems with Telegraf collection agent and its library of 200+ open source plugins.<br><br>Attend this session to learn:<br>· Advantages of using time series data technologies for industrial IoT<br>· How to streamline your data collection processes<br>· How to easily pull sensor metrics from your OPC-UA, Modbus, and MQTT devices<br>· Tips for eliminating data silos in your workflows<br><br>Hosted by **InfluxData** |
| 12:25 | 10 Minute Session Break |
| 12:35 | **Keynote Fireside Chat: Industry 4.0 - How to Build A Digital, Smart, Connected Manufacturing Operation for the 21st Century** |

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| | It is a little mind-boggling to think that the last great manufacturing revolution was when Henry Ford invented the assembly line. But now, more than 100 years later, we find ourselves awash in capabilities that completely upend how products get made. In this keynote, our thought leader will take attendees on a journey discussing:<br><br>• How data will be used across the organization to make factories smarter and make all parts of the process agile and adaptable<br>• The opportunities and challenges with the technologies necessary to make smart factories possible, including AI, IoT, Cloud Computing and Big Data Analytics<br><br>Viren Shah, Chief Digital Officer, **GE Appliances** |
| 1:05 | 10 Minute Session Break |
| 1:15 | **Use Case: Whirlpool Uses Virtual Thread Tools for Respirator Design**<br><br>The COVID crisis has necessitated creativity on the part of manufacturing companies. How does a design team validate the design of new parts, create new ones, and make sure that they will work when we can't wait for parts to arrive or meet in person? In this Use Case, you will hear how Whirlpool utilized concurrent engineering the partnership of manufacturing and design to manufacture future products; in this case, a future first-of-its kind Air Purifying Respirator You'll hear about:<br><br>• What tools were used to mock up the design virtually - rapid prototyping, physical mockup, digital 3D build<br>• How teams were managed and measured on the virtual work - metric driven progress and feedback loops built into the design process<br><br>Leonel Leal, Director, Global Advanced Manufacturing Engineering, **Whirlpool** |
| 1:45 | 10 Minute Session Break |
| 1:55 | **Panel: Balancing Short-Term Wins with a Long Term Vision: What Can You Achieve With Your Digital Transformation NOW?**<br><br>Achieving digital transformation in any industry is not a quick process. From business case to ROI, you're looking at likely years of work. Who wants to wait years to see results though? That's why a series of quick wins within the overarching digital transformation strategy is key to keeping your program supported, and funded. In this session, our panelists will discuss how they have been keeping their C-Suites happy with short term wins, while keeping their eyes on the long-term transformations.<br><br>**Moderator:** Beni Lopez, US Market CEO & Global Managing Director – Industrial, **Softtek**<br>Dana Scalf, Manufacturing Transformation Manager, South Region, **Bimbo Bakeries**<br>Anthony Huffman, Senior Operational Excellence Manager, **Molex** |
| 2:25 | End of Conference |