Transforming Operator Productivity with Industrial IoT

written by Lauri Moon | November 11, 2019

The industrial IoT enables operators to upgrade their static, PDF-based work instructions to dynamic, 3D CAD data contextualized with work order, machine, and smart tool data. This unification of IT and OT, delivered in real-time, helps operators spend less time looking for the right information, and enables them to focus on completing the tasks at hand.

Vestas, a wind turbine design, manufacture, and installation company, is using ThingWorx Operator Advisor to develop contextualized digital work instructions. During this webinar, you'll hear from Vestas on how they are:

- Replacing paper-based work instructions with 3D CAD files, accessed directly from PLM
- Reducing training time by simplifying SOPs for operators
- Identifying and proactively correcting quality defects in real-time
- Improving shop floor visibility with real-time dashboards and reporting

Speakers

Mark Jaxion, Senior Strategy Specialist for IoT & Industry 4.0, Vestas

Mark is the Senior Specialist (Director) leading Vestas Power Solutions Industry 4.0 strategy for PLM Development. He is responsible for IIoT framework and system infrastructure within the organization and leads a global team which develops next-gen solutions for Vestas Wind Systems A/S. Previously, he worked as a system specialist within supply chain and financial information systems sectors, where he has over 12 years experience in delivering innovative solutions to users throughout the value chain.

Jordan Chaisson, Manager of ThingWorx Product Management, PTC

Jordan is a Product Manager for the ThingWorx Manufacturing Apps. Her responsibilities include ensuring a great product user experience, defining manufacturing use cases, and overseeing our newly expanded free trial program.

Before joining PTC, Jordan was a Senior Technical Product Manager at GE responsible for delivering software solutions from ideation to implementation, spanning corporate to factory initiatives. She has a Bachelor's Degree in Management Information Systems and an executive degree in business administration from the Kelley School of Business at Indiana University.

Register

By clicking above, I acknowledge and agree to Informa's Terms of Service and to Informa's use of my contact information to communicate with me about offerings by Informa, its brands, affiliates and/or third-party partners, consistent with Informa's Privacy Policy. In addition, I understand that my personal information will be shared with any sponsor(s) of the resource, so they can contact me directly about their products or services. Please refer to the privacy policies of such sponsor(s) for more details on how your information will be used by them.

The 5 Steps to Selecting & Implementing Manufacturing ERP Software

written by Lauri Moon | November 11, 2019

Has your business grown past what QuickBooks can handle? Are you tired of juggling multiple spreadsheets and rekeying data? Need a better way to manage inventory? Attend this 30-minute webinar and learn the 5 Steps of Selecting &

Implementing Manufacturing ERP software. A fully integrated Manufacturing ERP System can provide real-time coordination of activities across your entire business.

IMC has partnered with Empower Business Solutions for this educational webinar. Empower has been deploying ERP systems for small and midsize businesses since 1989. Based in Altoona, PA, Empower has built a reputation of solving customers' issues and eliminating barriers to future growth using ERP software.

Register

The Future of Manufacturing: Transformational Technology & Your Workforce

written by Lauri Moon | November 11, 2019

Manufacturers are implementing new technologies such as artificial intelligence, advanced automation, and data analytics to transform their operations now and for the future. While these technologies drive increased operational efficiencies and overall productivity, they also impact the workforce by providing the opportunity for upskilling and helping to attract new talent.

This webinar will explore how advanced technologies are transforming the manufacturing industry and the workforce.

During this webinar, you will:

- Learn from the Manufacturers Alliance for Productivity and Innovation why

manufacturers need to be building digital strategies for the future
- Gain insight from The Information Technology & Innovation Foundation on how technology is transforming the industry
- Understand how digital transformation is changing the future of work for the manufacturing workforce

Speakers

Stephen Gold, CEO and President, Manufacturers Alliance for Productivity and Innovation (MAPI)

Stephen Ezell, Vice President, Information Technology and Innovation Foundation (ITIF)

Kylene Zenk, Director of Manufacturing Practice, Kronos

Register

The Laws and Regulations

Surrounding PPE

written by Lauri Moon | November 11, 2019

Employers have a general duty to furnish workplaces free from recognized hazards. Part of that obligation is providing employees with personal protective equipment (PPE). This leads to a series of questions, such as: What types of PPE are employers required to provide? How are they to determine what PPE is required at a particular worksite? Do they even have to provide PPE?

This webinar will address the legal requirements for employers related to PPE, including:

- The Hierarchy of Controls;
- Types of PPE;
- Conducting a hazard and PPE assessment for each workplace;
- Training requirements for using PPE;
- Requirements for providing PPE to employees; and
- Other aspects of the OSHA PPE standard.

Speaker

Travis Vance, Partner, Fisher Phillips

Travis Vance is a partner in the firm's Charlotte office. He has tried matters across several industries and various subject matters, including employment litigation, business disputes and matters prosecuted by the Mine Safety and Health Administration (MSHA) and Occupational Safety and Health Administration (OSHA). Travis has emerged as a thought leader in the field of workplace safety. His writing and interviews are followed closely by experts in the safety arena and have been featured in premiere publications such as Business Insurance, EHS Today, and the Wall Street Journal.

Sponsored by

Register

Big Data / Big Solutions

written by Lauri Moon | November 11, 2019

Being able to analyze trends, identify hazards and keep up with compliance and regulatory standards is the holy grail of SMS and QMS. An incredible amount of data is produced, sometimes from different facilities in different countries.

In this roundtable discussion, speakers Nick Bernini, Director, Predictive Analytics and Scott Gaddis, Vice President, Global Practice Leader, EHS at Intelex Technologies, explain how that data can help EHSQ professionals make strategic decisions – financial and operational – that keep workers safe while meeting and exceeding production goals. The ability to take data and turn it into meaningful action is possible if the right data is being collected and analyzed.

Attendees will:

- Learn how to gain 360 degree visibility and get the most out of their EHSQ data.
- Discover how data can be used to create reports, dashboards, and benchmarking tools can be used to enable their organization to make smarter decisions.
- Use data to contribute to creating a culture of continual improvement and

drive operational excellence.

Speakers

Nicholas Bernini, Director of Predictive Analytics and Lead Data Scientist, Predictive Solutions Corp.

Nicholas Bernini is the director of predictive analytics and lead data scientist at Predictive Solutions Corp. He has spent the last 10 years building predictive models across the Marketing, Education, Retail, Finance, and Governmental sectors.

Scott Gaddis, Vice President, Global Practice Leader, Safety and Health, Intelex Technologies

Scott Gaddis, Vice President, Global Practice Leader, Safety and Health at Intelex Technologies. He has over 25 years in EHS leadership experience in heavy manufacturing, pharmaceuticals and packaging industries. Before joining Intelex, Scott served as Vice President of EHS for Coveris High Performance Packaging, was Executive Director of EHS at Bristol-Myers Squibb, and was Global Leader for Occupational Safety and Health at Kimberly-Clark Corp.

Sponsored by

Register

AI and the Revolution of Logistics, Mobility and Manufacturing

written by Lauri Moon | November 11, 2019

It’s no secret that artificial intelligence and automation have been a hot topic within every sector of the supply ecosystem. In only a few years, rapidly advancing technologies have transformed virtually every aspect of warehouse and distribution center operations, disrupting long-held functions and practices. These innovations present previously unimaginable potential for the industry at large and the speed at which they continue to develop suggests this is only the beginning. Led by global industry experts, this conversation will explore the many ways today’s latest trends in IIoT, AI and automation continue to revolutionize logistics, mobility and manufacturing.

Discussion will include:

- AI’s impact on the supply workforce in the coming 5-10 years and future talent needs
- Automation’s role in future mobility processes and the innovations poised to further disrupt the industry
- The business impact resulting from increased global spending and supply chain demands of the e-commerce era
- The urbanization and population trends redefining delivery expectations

The 45-minute discussion will be followed by a 15-minute audience Q&A. Sign up today to reserve your seat and learn more about how automation is shaping the future of mobility.

Speakers

Akira Shiki, Senior Executive Vice President, Mitsubishi Heavy

Industries America, Inc.

Akira Shiki is an industry leading executive in logistics machinery with over three decades of technical and managerial expertise. He currently serves in dual roles as Senior Vice President of Mitsubishi Heavy Industries, Ltd. (MHI) and Senior Executive Vice President of Mitsubishi Heavy Industries America, Inc. (MHIA). Mr. Shiki began his career in 1981 as a Forklift Design Engineer for Nissan Motor Company, Ltd. Following his time as General Manager of Engineering for Nissan Forklift Company, Ltd., he accepted his first overseas assignment as Vice President of Product Engineering, delivering a new internal combustion forklift to the U.S. market. From there, he quickly rose to General Manager of Industrial Machinery before being appointed CEO in 2010. Following the merger of Nissan Forklift and TCM, Mr. Shiki went on to become President & CEO of the newly formed UniCarriers Corporation, which sold to MHI in 2016. Since joining MHI, Mr. Shiki has applied his expertise in design, manufacturing, purchasing, and product development to lead MHI Group companies in the Industry & Infrastructure Domain and Shared Services Division.

John Sneddon, VP, Sales & Marketing, Mitsubishi Caterpillar Forklift America Inc.

John Sneddon serves as Vice President of Sales and Marketing at Mitsubishi Caterpillar Forklift America Inc. (MCFA). In this role, Mr. Sneddon is responsible for overseeing the company's North and South American machine sales and distribution services, strategic marketing efforts and direct-to-customer sales through national accounts and dealer development activities. In his previous roles, Mr. Sneddon was responsible for leading MCFA's national and dealer sales strategies, and preceding that role he oversaw distribution development and financial performance. Prior to MCFA, Mr. Sneddon held various management and executive positions at Jungheinrich AG in Hamburg, Germany and Jungheinrich Lift Truck Corporation in Richmond, Virginia.

Robyn Boerstling, VP, Infrastructure, Innovation and Human Resources, National Association of Manufacturers

Robyn M. Boerstling serves as the vice president of infrastructure, innovation and human resources policy for the National Association of Manufacturers (NAM). In this role, Ms. Boerstling leads the policy and advocacy work on issues covering transportation, infrastructure, innovation and technology, health care, immigration and workforce. In addition, she works to ensure the manufacturing voice is brought to these legislative and regulatory issues before Congress and the administration. Prior to the NAM, Ms. Boerstling was a presidential appointee, serving as the counselor to the assistant secretary for transportation policy in the Office of the Secretary at the U.S. Department of Transportation. There, she worked in policy development and assisted with day-to-day management of the Office of Transportation Policy and held various positions during the tenure of Secretary Norman Mineta and Secretary Mary Peters.

Moderator

Travis Hessman, Content Director and Editor-in-Chief, IndustryWeek

---

Safety Performance and Why It

Matters

written by Lauri Moon | November 11, 2019

Improving safety performance is a team effort that is based on data that easily can be monitored and measured to prioritize where safety programs can have the most impact. When it comes to improving performance in Health and Safety, organizations must leverage their most important asset – their tools and data – to improve future H&S performance.

Better tools and processes give workers the power to improve their performance through data-driven decision-making and enhanced situational awareness. The result is stronger EHSQ practice that drives improved overall business results and revenue. Tomorrow's businesses will rest on a strong foundation consisting of rigorous EHSQ performance, singular dedication to customer satisfaction, and a passion for innovation.

Important reasons to improve data collection and analysis to enhance Health & Safety performance include:

1. Predict workplace injuries
2. Monitor and benchmark safety culture
3. Improve compliance
4. Tie safety to productivity

Speakers

Scott Gaddis, Vice President, Global Practice Leader, Safety and Health, Intelex Technologies

Scott Gaddis is Vice President, Global Practice Leader, Safety and Health at Intelex Technologies. He has over 25 years in EHS leadership experience in heavy manufacturing, pharmaceuticals and packaging industries. Before joining Intelex, Scott served as Vice President of EHS for Coveris High Performance Packaging, was Executive Director of EHS at Bristol-Myers Squibb, and was Global Leader for Occupational Safety and Health at Kimberly-Clark Corp.

Kanwer Kahn, CSP, CRSP, QEP, P.E., Vice President, Environment, Health, Safety and Security, SUEZ North America

Kanwer Kahn, CSP, CRSP, QEP, P.E., is Vice President, Environment, Health, Safety and Security for SUEZ North America. In his role, he develops and implements corporate strategy for achieving EHS excellence. He collaborates with the executive team for a common vision and mission of the company thru development of short- and medium-term strategies. Kahn provides leadership to achieve the vision and establishing metrics to monitor and report progress. He manages a staff of 26 full-time EHS professionals with an annual budget of US$2.6 million, and represents SUEZ at national and international forums and promotes the company's vision of being a leading EHS organization in Water and Waste industries.

Opportunities for PA Exporters in

Australian Market

written by Lauri Moon | November 11, 2019

If you're a Pennsylvania firm and haven't considered the world's 13th largest economy as a potential export market for your goods or services – you should!

Join us as our Pennsylvania Authorized Trade Office in Australia presents this webinar for you to learn more about this amazing market and the opportunities that are available for your company!

Did you know…

Australia is a friendly, English speaking and safe market to do business in. It is currently experiencing its 27th year of consecutive economic growth and has a nominal GDP of US$1.5 trillion. It is globally successful across a range of industries including resources & energy, agribusiness, financial services, education and tourism, and is regularly used as a stepping stone to the Asian market.

There are a number of benefits for US exporters when considering Australia, these include:

- Proximity to Asia Pacific economies
- Familiar products and service providers
- Common language and similar culture
- Similar business & legal practices
- Similar technical standards
- Strong Intellectual Property (IP) protection

After registering, you will receive a confirmation email containing information about joining the webinar.

Register

Improve Operational Efficiency with a Digital Factory

written by Lauri Moon | November 11, 2019

A universal truth about manufacturing is that production is in a constant state of change. Whether changes are incremental improvements or launching new products, they often cause significant problems for manufacturers.

In fact, over 42% of companies report experiencing cost overruns and overtime as a result of change.

In this webinar, we'll discuss why the ability to adapt quickly is critical for long-term business growth. Learn how to tackle your most pervasive change-related challenges with tools purpose-built for factory planning. Topics include:

- Planning and designing a more efficient factory
- Make better decisions during construction and installation
- Operate efficiently while managing change and risk

Speaker

Jim Byrne, Product Marketing Manager, Design & Manufacturing

Jim Byrne joined Autodesk in 2013. He is responsible for product marketing for Autodesk design and manufacturing software. Jim is dedicated to the success of our customers who use our technology to design, validate, and manage their intellectual property. He has over 20 years of experience demonstrating and implementing software solutions.

Register

Can You Replace Machined Jigs with 3D Printed Parts?

written by Lauri Moon | November 11, 2019

Machining tooling in metal or plastic, either in-house or via a service bureau, can be a costly process. Depending on the forces experienced by the part, however, it may not always be necessary to machine these tools. Top tier manufacturers such as Ashley Furniture have turned to 3D printing parts in-house to replace custom tooling that was previously machined and outsourced.

In this webinar, we'll examine three case studies of how companies are printing strong, functional parts using a library of engineering materials and in-house 3D printing in order to dramatically cut costs and improve operational efficiency in production environments.

Register to learn:

- Which engineering material a manufacturer used to reduce costs by over 90% and achieve tolerances that fit their requirements.
- How Ashley Furniture improved efficiency by freeing up jig builders from repetitive tasks by using 3D printing to develop a universal system for an assembly fixture.
- 3 unique ways to use these learnings to improve operational efficiency and

reduce costs at your workplace through desktop-based additive manufacturing.

Speakers

Andrew Edman, Manufacturing Industry Manager, Formlabs

Andrew Edman is the Industry Manager for Product Design, Engineering, and Manufacturing at Formlabs. He's focused on using additive technologies to create value in manufacturing and industrial workflows, like using 3D-printed tooling to bridge from prototype to production. Prior to Formlabs, Andrew worked as a design and engineering consultant, helping startups and Fortune 500 companies develop products from concept through to scale manufacturing.

Faris Sheikh, 3D Printing Specialist, Formlabs

Faris Sheikh, 3D printing specialist at Formlabs, has helped Formlabs run over 40 live broadcasts around the world to educate over 21,000 engineers, manufacturers, dentists, and jewelers on how to successfully incorporate Formlabs products into their day-to-day workflows. Previously, Sheikh most notably ran an online technology show on hardware and software products totalling over 2 million global views.

Sponsored by

Register