

# Modern ERP Trends Manufacturers Can't Afford to Ignore

written by Lauri Moon | October 1, 2019


According to a 2019 Mint Jutras Enterprise Solution Survey of Manufacturers, 29% are considering a new ERP system in the next 2 years, and 33% are undecided—meaning, they likely recognize the limitations of their current system but are unsure how to proceed. Do either of these groups sound like you? If not, are you ready to get left behind by your competition?

Manufacturers can't afford to keep "just making do" with systems that give them inaccurate data, delayed visibility into their operations and create extra work for their employees. Modern ERP systems are cloud-based and have advanced analytics and machine learning capabilities that can reduce your total cost of ownership and help streamline operations—reducing waste and maximizing profits.

Join Steve Reed, Vice President of Sales for Alithya's Microsoft practice, and Cindy Jutras, ERP analyst and owner of Mint Jutras, to discuss:

- How to know when it's time to replace your ERP
- What to look for in a new ERP
- Modern technology developments that can help you get a competitive advantage
- How to get a quick return on investment from your new ERP

## Speakers

 **Steve Reed, Vice President of Sales, North America, Alithya**

Steve is responsible for all direct sales efforts in North America. He has a broad range of experience helping application software companies successfully develop and bring manufacturing and enterprise solutions to market. Reed has held sales and marketing management roles with Alithya since 2001, and previously spent five years with Baan (now part of Infor) in channel operations positions. Prior to Alithya and Baan, he spent time with software-related companies in the financial and

property management industries. In 2008, he was recognized by Microsoft as “Sales Manager of the Year” for Microsoft Dynamics resellers. Reed holds a Bachelor of Business Administration degree from Baylor University.

 **Cindy Jutras, President, Mint Jutras**

Cindy Jutras is a widely recognized expert in analyzing the impact of enterprise applications on business performance. Utilizing 40 years of corporate experience and specific expertise in manufacturing, supply chain, customer service and business performance management, Cindy has spent the past 10+ years benchmarking the performance of software solutions in the context of the business benefits of technology.

Prior to founding Mint Jutras, Cindy was Vice President, Research Fellow and Group Director for the Aberdeen Group where she conducted survey-based research on ERP, suite-based enterprise applications and business performance management. During her tenure with Aberdeen she directly managed a variety of research practices including Enterprise Applications and ERP, Manufacturing, Product Innovation and Engineering, GRC and Financial Management, Strategic Service Management and Human Capital Management. In addition, she played a leadership role in developing Aberdeen research staff, methodologies and best practices.



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# Key Trends in Digital Manufacturing You Need to Know

written by Lauri Moon | October 1, 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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# **OSHA Inspections: Understanding Your Rights & Navigating the Process to Minimize Your Citation**

# Risk

written by Lauri Moon | October 1, 2019

Every employer dreads a knock on the door from an OSHA inspector. But an inspection doesn't need to be your worst nightmare. If you take proactive steps to find and fix hazards, develop a detailed plan for handling an inspection, understand and exercise your rights, and operate in good faith throughout the process, you can significantly reduce your chances of damaging citations and fines.

While OSHA and its state counterparts cannot inspect every facility, that doesn't mean you can afford to be complacent about the risk of an inspection. The facilities that receive visits from OSHA are far from random, and the combination of your industry, your history of violations, and your injury and illness rates can significantly raise your inspection risk. With a single willful or repeat violation now carrying a maximum penalty of \$132,598, being unprepared for an OSHA inspection can be more costly than ever.

Join us for an informative webinar on October 10 that will provide guidance on planning for an OSHA inspection, navigating the inspection process, and proactively managing safety compliance to reduce your chances of citations and fines.

You'll learn:

- The factors that can increase your risk of an inspection—and what you can do to influence them for the better
- The enforcement impact of OSHA's Site-Specific Targeting Program
- Your rights—and your employees' rights—during an OSHA inspection
- Who should be present during an OSHA inspection and what their roles are
- How to strike the right balance between providing requested information and protecting your interests
- Tips for navigating the process from opening to closing conference and beyond
- And much more!

**Speaker**

 **Emily Scace, Senior Content Specialist, Safety, BLR**

Emily Scace is a Senior Content Specialist for BLR's safety publications. She writes and edits detailed regulatory analysis, newsletters, training content, special reports, white papers, news articles, and other materials to help businesses understand and follow OSHA and DOT compliance obligations. Emily also researches and writes about occupational safety and health regulations, enforcement trends, safety-related best practices, and safety culture; delivers webinars and presentations on a variety of workplace safety topics; and more.

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# **Applying Machine Learning to Improve Build Quality of Laser-based Additive Manufacturing**

written by Lauri Moon | October 1, 2019

Join us for this webinar by the team led by Dr. Qian Wang, Professor of Mechanical

Engineering, The Pennsylvania State University. This project is supported by a 2018 DCED Manufacturing PA Innovation Program Award.

Laser-based additive manufacturing (AM) processes involve a large number of process parameters that affect the final geometry, mechanical property, material microstructure, and surface roughness. Existing analytical models are often restricted by over-simplified assumptions and thus not suitable for real applications, whereas high-fidelity numerical models such as finite-element-analysis based models can be computationally expensive to be used in real-time build control.

This project proposes a machine learning approach to model the relationship between process parameters and the build geometry, by utilizing physics-based insights to define input features as well as modeling architecture. A suite of machine learning algorithms will be examined for their efficacy in model prediction. Simulated data generated from the Autodesk's Netfabb Local Simulation are mainly used for model training and testing, and experimental data will also be collected to further calibrate the model. Success of the project will help reduce the level of trial and error currently required in AM industry and thus help reduce the associated cost.

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# **Change Your Safety Culture by Making Employees a Part of Safety Strategy**

written by Lauri Moon | October 1, 2019

For excellence in any operational category to be recognized, it is imperative employees make decisions and behave in alignment with the intended strategic direction. Strategy is a framework of choices an organization makes to determine how to capture and deliver sustainable value. How value focused are your efforts,

and do the customers of your safety strategy agree with this?

Hear Terry Mathis, the founder and CEO of ProAct Safety, an international safety and performance excellence firm, explain why safety is not a standalone strategy within a business; it must be an integral part of the overall operational plan. How clear is your strategic direction? How well can employees easily see the role safety plays within it? How were employees involved in the creation and execution of your plan? W. Edwards Deming taught, "People support what they help to create."

Employees must be able to see themselves as actors within the safety strategy. For buy-in, ownership and discretionary participation, employees must play a role in identifying where you are going, what it will look like when you get there, where you are now, what choices are made to close the gap, their role and responsibilities, how progress will be measured, and confidence that the strategy is creating sustainable value.

Ray Kanani, Senior Director of Product Strategy at Intelx, and Scott Gerard PCC, PCM, PCG, VP of Environmental, Health & Safety at Moss, will offer specific examples that highlight the importance of employee buy-in and engagement when it comes to the design and implementation level of an EHSQ software solution, as well as the important post-implementation phase and the successful adoption of engagement tools and the impact the adoption of these tools has had on the safety strategy at Moss.

Takeaways:

- Learn how high-performing and highly reliable organizations are creating and executing on their unique strategy for excellence in safety culture and performance.
- Learn how to self-assess the efficacy of your current strategy and find opportunities for continuous improvement
- Identify what data are necessary to inform and answer the ten questions necessary to create a value-focused safety strategy
- Review a methodology that has guided hundreds of organizations in the creation of their effective strategy and execution plan
- Discover what motivates and demotivates employee involvement in the



pursuit of safety excellence

- Learn how to identify the 5 types of people in organizational change

## **Speakers**

### **Terry Mathis, CEO, ProAct Safety**

Terry L. Mathis, CEO, ProAct Safety, Inc. is the founder and CEO of ProAct Safety, an international safety and performance excellence firm. He is known for his dynamic presentations and writing in the fields of behavioral and cultural safety, leadership, and operational performance, and is a regular speaker at ASSE, NSC, and numerous company and industry conferences. He is a veteran of over 1600 safety, culture and performance improvement engagements in 39 countries, and has personally assisted organizations such as Georgia-Pacific, Williams Gas Pipeline, US Pipeline, Herman Miller, AstraZeneca, Wrigley, ALCOA, Merck, Rockwell Automation, AMCOL International, Ingersoll-Rand, The United States Armed Forces and many others to achieve excellence.

### **Ray Kanani, Senior Director of Product Strategy, Intellex**

Ray Kanani is Senior Director of Product Management for Intellex Technologies ULC. He leads a team of researchers, designers and product managers to grow and maintain a \$100MM+ ARR product portfolio and works alongside EHSQ subject-matter experts and key stakeholders to publish, promote and monitor a strategic product roadmap that aligns business units and supports growth. He actively supports and stays close to customer and prospect relationships across AMER, EMEA and APAC regions.

### **Scott Gerard PCC, PCM, PCG, VP of Environmental, Health & Safety, Moss**

Scott Gerard, PCC, PCM, PCG, is Vice President of Environmental, Health & Safety at Moss, a leader in the construction business in America, building residential, educational, correctional, public assembly and military projects, with a specialization in solar construction. With offices that extend from Florida to Hawaii, the family-owned company has been recognized by the Occupational Safety and Health Administration (OSHA) as an elite construction company within the agency's Safety Recognition Program. Moss specializes in creating work environments that

are safe, secure and supportive.

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# Managing Common Hearing Conservation Concerns

written by Lauri Moon | October 1, 2019

Federal regulations require employers to operate an effective hearing conservation program (HCP) for people working in hazardous noise. However, even with specific rules and recommendations to guide them, employers may struggle to be pro-active and able to prevent occurrences of noise-induced hearing loss. This webinar will address some common reasons for HCP ineffectiveness and offer tools and recommendations for improving the management of HCPs. This webinar is designed for all persons who play a role in delivering hearing loss prevention services in the workplace.

## Speaker

**✖ Lauraine (“Laurie”) Wells, Au.D., Doctor of Audiology | Senior Regulatory Affairs Specialist, 3M Personal Safety Division**

Laurie Wells, Au.D., is a Doctor of Audiology and Senior Regulatory Affairs Specialist for 3M Personal Safety Division, where she works with hearing protection and hearing conservation program regulatory issues globally. Her responsibilities include supporting evidenced-based standards development and providing subject matter expertise related to hearing loss prevention. Dr. Wells has been a long-time co-presenter for the highly regarded 3M Hearing Loss Prevention Seminars, a series of non-commercial educational programs on hearing loss prevention topics. Here she has become known for interactive training techniques towards motivating people to protect their hearing. Before coming to 3M, Dr. Wells worked for a consulting firm, Associates In Acoustics, Inc., where as Manager of Audiology, she provided professional audiology review of hearing loss cases, audiometric database analysis, assessment of hearing protection devices, audits of hearing conservation programs and conducted employee noise exposure assessment, audiometric testing and employee education. The experience of directly interacting with workers at their jobsites as well as consulting with corporate level health and safety professionals has allowed her to integrate real-world issues with policy making in an effort to better shape effective preventive practices. Dr. Wells is the Immediate Past-Chair of the Council for Accreditation in Occupational Hearing Conservation (CAOHC), representing the American Academy of Audiology and a Past-President of the National Hearing Conservation Association.

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## **Canada Entry**

written by Lauri Moon | October 1, 2019

Entering Canada can be tricky. The Office of International Business Development is hosting a free webinar to help address this issue. The PA Trade Representative office in Canada along with Green and Spiegel Law Firm will discuss how to enter Canada for trade events, after sales service and installation and short-term contracts.

[\*\*Register\*\*](#)

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## **Allowing Safety Reporting to Improve Your Safety Culture**

written by Lauri Moon | October 1, 2019

Achieving and maintaining a culture of accurate injury reporting in the workplace can be challenging. A case study of success will be reviewed including a discussion of things you can do to help, or hurt, this effort. Also, OSHA recently updated the Recordkeeping Rule and this session will cover the updated requirements and guidance from OSHA related to electronic injury reporting.

You will learn what is required, what can work, and what to avoid to improve injury reporting and the safety culture where you work.

- Summarize the latest guidance from OSHA on electronic reporting of

injuries and illnesses

- Identify how to promote complete and accurate reporting of injuries and illnesses to improve your safety culture
- Examine what not to do - avoiding retaliation with your incentive, disciplinary, and drug testing programs

## Speaker

 **Paul Hart, Director of Health & Safety Services, CTEH**

Paul is the Director of Health & Safety Services for CTEH, a company that helps people prepare for, respond to, and recover from threats to their environment. Paul has a Bachelor's degree in Safety from Murray State University and a Master's degree in Industrial Hygiene from the University of Oklahoma Health Sciences Center. He has worked in the oil and gas, retail, manufacturing, and consulting industries in his 21 year career. Paul is married with three children. He enjoys biking and working on cars. His family is also a foster family in Arkansas, providing a safe place for foster children to live and be loved as they transition to their forever family.

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# Unlocking the Value of Ergonomics with Big Data

written by Lauri Moon | October 1, 2019

**Date:** Wednesday, September 18, 2019

**Time:** 2:00 p.m. EDT (GMT -4, New York)

**Duration:** 1 Hour

**Event Type:** Live Webinar

**Cost:** Free

**Register Today!**

## Description

A prominent buzzword in recent years, “big data” is giving visibility to the need for addressing musculoskeletal disorders (MSDs) in the workplace. A collection of ergonomics information can translate into meaningful evidence, or what we like to call a “super-ergonomics-mind”.

Collectively, Humantech’s software solutions have one of the largest and richest ergonomics-related datasets known. With close to 100,000 users and over 150,000 completed MSD risk assessments, meaningful trends have been captured and benchmarked against its 100+ global organizations. Since the company’s inception over 40 years ago, board-certified professional ergonomists, software solutions, and worldwide client engagements have contributed to this super-ergonomics-mind. This information will help safety professionals make better decisions and deploy smarter solutions with their ergonomics programs. Key statistics and meaningful trends will be shared.

Participants will learn:

- the value that ergonomics brings to organizations.
- how data can drive health & safety professionals to make change.
- how market and industry trends are identified.
- how smarter solutions improve both employee well-being and business

performance.

## **Speakers**

### **✘ Jeff Sanford, BHK, MHK, CPE, Director of Consulting and Ergonomics Engineer, Humantech**

Jeff Sanford, Director of Consulting and Ergonomics Engineer for Humantech, leads a team of ergonomists to develop, manage, and sustain global ergonomics programs using software solutions for Fortune 1000 clients across a broad spectrum of industries, including food and beverage, automotive, aerospace, pharmaceutical, and steel. Recent client engagements include Cummins, Denso, Tower Automotive, Flex n Gate, Moen, Airbus Helicopters, Griffith Foods and Wells Dairy.

Prior to joining Humantech, Jeff worked as a divisional ergonomics engineer within the seating systems division of Lear Corporation. Managing ergonomics issues at nine U.S. facilities, launching new products, and solving ergonomics issues arising from products, workstations, processes, and packaging were some of his responsibilities.

Jeff received a Bachelor and Master of Human Kinetics degrees and a Bachelor of Education degree from the University of Windsor in Windsor, Ontario. He has achieved recognition as a Certified Professional Ergonomist (CPE).

### **✘ Greg Cresswell, B.Sc., CPE, Director of Implementation and Ergonomics Engineer, Humantech**

Greg Cresswell, Director of Implementation and Ergonomics Engineer at VelocityEHS' Humantech, works with clients on their ergonomics initiatives in the manufacturing, petrochemical, and service industries. Recent client engagements include Ashland, Merck, Mondelez, and Toyota.

Prior to joining Humantech, Greg worked as an Ergonomist for Honda Manufacturing Canada, where he supported new vehicle launches, conducted tool studies, and delivered awareness training to Honda associates. Greg also worked as the Engine Group Ergonomist for Linamar Corporation, Canada's second largest

automotive parts manufacturing company.

Greg received a Bachelor of Science degree in Kinesiology with a specialization in Ergonomics from the University of Waterloo in Waterloo, Ontario. He has achieved recognition as a Certified Professional Ergonomist (CPE).

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# **Insights from a 5-Year Journey in Global EHS Transformation**

written by Lauri Moon | October 1, 2019

## **Employee Engagement \* Safety Leadership \* Synergy Across Data and Processes**

One of the cornerstones of successful and high-impact EHS programs is getting employees engaged as key stakeholders of health, safety, environmental stewardship and compliance. Organizations spend thousands of dollars in training employees, both on the frontline as well as in the corporate offices, to be equipped with



essential tools for risk and compliance management, thereby ensuring safety and improving productivity for all stakeholders. However, employee engagement persists to be a critical challenge for companies.

Join **Perry Hawkins**, Corporate Director of Environmental, Health, Safety and Risk Management at CIRCOR International Inc., a global, multinational manufacturer of industrial valves and pumps; and **Tina Duffy**, Vice-President of Product Management at ProcessMAP Corporation, the leading EHS data intelligence platform provider, in this webinar to learn how you can achieve transformational EHS outcomes with successful employee engagement & recognition, and safety leadership to drive your EHS initiatives. Get a first-hand account from an EHS leader on how CIRCOR International achieved:

- A safety-driven culture by enabling employees with intuitive and easy-to-use solutions to make “safety-first” operational and business decisions
- Empowerment of frontline employees by providing the means to easily report and quickly respond to unsafe conditions and concerns, further fostering their sense of responsibility for safety in their organizational unit
- Increased collaboration between employees and supervisors by providing opportunities for participation in EHS activities and encouraging employees to share their feedback for risk mitigation
- An action-oriented culture supported by real-time notifications and visibility to open and closed CAPAs
- On-demand access to comprehensive EHS metrics for proactive risk management
- Simplification of custom EHS processes and checklists by leveraging user-created apps powered by ProcessMAP AppBuilder™ platform

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