Kick-Starting Your Modern Maintenance Program

written by Lauri Moon | July 22, 2019

Do any of these sound like you?

- I've got no real maintenance management system. I never have and am intimidated about where to get started.
- I've got a system, but I never got it off the ground and don't feel we get what we need from it.
- I'm making progress, but I would like to further maximize my maintenance operations.

Regardless of where you're at, kick-starting your maintenance is possible. It starts with changing the mindset of your organization – a process that may be easier than you think if you have the right CMMS tools, plan and especially the right partner. Starting with the goal, objective and pain points first, then moving to how technology can solve those problems and put you on a better path is key.

During this discussion, you'll learn:

- A multi-step (crawl, walk, run) plan to ease you into a continuous improvement mode and get away from maintenance firefighting
- What technologies can really help improve your operations
- How to arm yourself with information that you can use with your management to show how modernizing/kick-starting your maintenance department will help with profitability

Speakers

Paul Lachance, Senior Manufacturing Advisor, Dude Solutions

Paul Lachance has spent his entire career devoted to optimizing maintenance teams by enabling data-driven decisions and actionable insights. He wrote his first CMMS system in 2004 and has since spent his professional career designing and directing

CMMS and EAM systems. A regular speaker at national tradeshows, he's been featured at IMTS, Fabtech and SMRP as well as several industry magazines. He currently serves as the Senior Manufacturing Advisor for Dude Solutions.

 Pete Walker, Production Engineering Manager, Johnson Outdoors Marine Electronics, Inc.

Pete Walker is the Production Engineering Manager at the Humminbird brand Marine Electronics plant in Eufaula Alabama. He has over 35 years experience in PC Board Manufacturing and electronics assembly covering the Automotive, and Consumer Electronics Industries.

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Upcoming DFARS Cybersecurity Audits and 3rd Party Certifications: DCMA CPSR/NIST 800-171B/CMMC

written by Lauri Moon | July 22, 2019

The 10th webinar in the popular DFARS 7012 series from the Cyber Collaboration Center will provide updates on three critical new policies resulting from the DoD's

increasing emphasis on contractor cybersecurity across the supply chain:

1) The new Defense Contract Management Agency (DCMA) guidelines for Contractor Purchasing System Review (CPSR) audits now include instructions for auditors to review contractor compliance with DFARS 7012 and assess how prime contractors are flowing DFARS requirements down to their suppliers and tracking their supply chain compliance status.

2) The long-anticipated update to NIST 800-171 has been released in draft form. The new NIST 800-171B publication provides a set of enhanced requirements that go beyond the initial scope of 171 and include even stricter security requirements for certain types of projects.

3) New DoD efforts to establish a cybersecurity compliance certification process are underway and may impact all defense contractors, whether they are handling CDI or not.

In this Webinar, Jeffery A. White, C.P.M, CEO and founder of leading DCMA CPSR Audit Consulting firm J.A. White & Associates, will provide insight into what to expect and how to prepare for the new DCMA CPSR audits. DFARS / NIST cybersecurity compliance experts from eResilience will also share information about what's new in the recently released draft of NIST 800-171B as well as an update on the Cybersecurity Maturity Model Certification (CMMC) compliance certification program currently being developed by DoD and how to get ready for it.

Webinar 10 topics will include:

- How to Prepare for DCMA CPSR Cybersecurity Audits
- Key Points from New NIST 800-171B and 800-171 Rev. 2 Draft Publications
- What to Expect From the Emerging CMMC Cybersecurity Certification Standard

Content will be presented by Tim Williams, Technical Director at eResilience, and Jeffery A. White, C.P.M, CEO and Founder of J.A. White & Associates. Don't miss these critical updates from industry leading experts.

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The Used Textiles Recovery and Reuse Industry

written by Lauri Moon | July 22, 2019

This webinar will provide an update of the used textiles industry and will address its many and sometimes complicated aspects, including collection, processing, packaging, exportation and reuse. Industry representatives present and discuss each of these aspects in greater detail.

Presenters:

Jackie King, Executive Director The Secondary Materials and Recycled Textiles Association (S.M.A.R.T.)

Ira Baseman, President of Community Recycling and Founder at Circlarity

Topic Subject Matter Used Clothing Recovery and Reuse

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What Keeps a Safety Leader Up at Night?

written by Lauri Moon | July 22, 2019

Challenges in the safety profession are abundant, constant and ever changing, requiring safety leaders to be jacks-and-jills of all trades to stay on top of everything. Each year, EHS Today surveys its audience of senior safety leaders on what they see as the biggest obstacles facing the industry today, and what they're doing to overcome them.

In this fast-paced webinar, EHS Today's editors will present the findings of the 2019 National Safety Survey and reveal some of the highlights of this in-depth look at the state of the safety profession. The webinar will offer insights into such topics as:

- What's the one thing you would change about your job if you could?
- What type of safety technologies are you using at your company?
- What are the biggest challenges you face in your job?
- What are the most common types of injuries at your facility?
- And of course, what keeps you up at night?

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4IR from Buzzword to Reality: Smart Factory Adoption Rates – Best Practices and Leading

Technologies

written by Lauri Moon | July 22, 2019

Companies are making progress in implementing new technologies, but scaling and linking investment to value remains a work in progress.

The Fourth Industrial Revolution – 4IR – has been met with both enthusiasm and fence-sitting. While sentiments and experiences have been mixed, most business leaders are now approaching 4IR with a sense of measured optimism. While they recognize the potential business value advanced manufacturing technologies can present—particularly cloud computing, advanced analytics, robotics, the industrial internet of things (IIoT), 3D printing, virtual and augmented reality—they are still deliberating how and where to invest and balancing the hype with their own level of preparedness. Meanwhile, they're also well aware of the significant changes 4IR will bring to a new manufacturing workforce—one that is increasingly becoming a hybrid of human and machine.

There is little doubt that 4IR adoption has hit the tipping point, despite the fact that today only around 20% of companies are implementing smart factory technologies at scale. Momentum is building, however, as evidenced by the fact that 73% of manufacturers are planning to increase their investment in smart factory technology over the next year and 70% citing adopting an IoT strategy as being moderately to extremely critical. IoT and robotics have made the most inroads, with 80% of manufacturers planning to deploy sensors in operations over the next three years and 65% saying they've deployed applied robotics in their operations over the past three years.

About the 4IR survey

PwC and The Manufacturing Institute (the workforce and thought leadership arm of the National Association of Manufacturers), surveyed approximately 100 US-based manufacturers. Looking at the results, we see a definitive—and, indeed, inevitable—shift to 4IR as companies seek to integrate new technologies into their operations, supply chain and product portfolio. However, these companies acknowledge that scaling, justifying 4IR investments and dealing with uncertainty

surrounding use cases and applications present a new set of challenges.

Join us to explore the survey findings and PwC's recommendations. Here's a sneak preview:

- While the sector as a whole is making assertive forays into 4IR, many manufacturers still inhabit the awareness and pilot phase. Nearly half of manufacturers surveyed reported that they are in the early stages of a smart factory transition (awareness, experimental and early adoption phases). The majority of those that have implemented smart factory use cases consider a quarter to be a success.
- Manufacturers expect the transition to accelerate in the coming years—73% are planning to increase their investment in smart factory technology over the next year.
- While we see a number of fence-sitters, the bulk of manufacturers are indeed prioritizing 4IR, the digital ecosystem and emerging technologies. 35% of survey respondents says they have deployed advanced analytics in their operations and 34% have deployed it in their supply chain.
- About 70% of manufacturers say the biggest impacts of robotics on the workforce in the next five years will be an increased need for talent to manage the robotics workplace and the opening of new jobs to engineer robotics and their operating systems.

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Cybersecurity Lunch and Learn

written by Lauri Moon | July 22, 2019

We hear a lot about cybersecurity risk these days. And many companies have an IT company (outsourced) or an IT Department that handles virus protection, malware protection, etc. However, not many small businesses realize that they are a target of hackers and how vulnerable they really are.

IMC is sponsoring a cybersecurity lunch and learn event in combination with Real IT Care (Technical Support) and Core Business Solutions (Consulting Support).

Who should attend: Small business owners, IT staff, quality managers, and anyone wanting to understand risks and get answers on how to appropriately address cybersecurity risks for your organization. Special topic for DOD contractors will be included regarding NIST SP 800 171 compliance as well.

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Acumatic Manufacturing Demo

written by Lauri Moon | July 22, 2019

Learn how Acumatica's Manufacturing ERP software integrates manufacturing, inventory management, and accounting to help businesses ensure raw materials are available to production, manage the manufacturing process, maintain revisions, and track the financials.

In this session we'll cover areas that provide real outcomes for manufacturers:

– Bill of Materials (BOM) & Routings
– How to plan and manage inventories, costs, and manufacturing processes, as well as full revision control
– Production Management
– How to schedule production on the shop floor and track material and labor costs
– How to compare standard and planned production costs to the actual costs of the production order

Let this overview of Acumatica's Manufacturing Edition provide you with some answers during your ERP selection process.

Funding and Incentives to Implement Energy Efficient Projects

written by Lauri Moon | July 22, 2019

Opportunities to improve efficiency and reduce energy-related costs often can require investment in new equipment, technology, or controls. Identifying funding available to your business and providing estimates of project payback are key components.

Many companies could be eligible to apply for funding to assist with improvement efforts. Eligibility of sites and projects, however, should be considered carefully.

This PennTAP webinar will discuss funding opportunities for small to midsized companies throughout Pennsylvania.

Presented by:

- Denise Bechdel, Energy & Environment Team Lead
- Ed Boito, Small Business Ombudsman, PA Dept of Environmental Protection

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Business Continuity During Natural Disasters

written by Lauri Moon | July 22, 2019

Supporting Your Employees and Protecting Your Business

As natural disasters continue to impact businesses both large and small at a seemingly increasing frequency, what are the proactive steps that business leaders can take now to be as ready as possible? This presentation will focus on two key areas of business concern during and after natural disasters: (1) stabilizing my employees living conditions so they can return to work, and (2) stabilizing and recovering my facility assets so I can serve my customers. Both are essential to minimizing the business disruption that a natural disaster can cause.

We will provide many best practices that have been refined by lessons learned

during recent events.

- Plan ahead to have right resources in place to respond and recover.
- Employee Stabilization best practices that focus on what your people need to recover at home so they can return their focus on the business.
- Facility Asset recovery best practices from emergency logistics to cost tracking to worker health & safety.

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Managing the Digital Thread for Product and Factory Transformation

written by Lauri Moon | July 22, 2019

The EHT industry has its own unique set of challenges including new product introduction cycles, shorter product lifecycles and increasing product complexities and regulatory compliances. As a result, achieving the end-goal of reducing costs while increasing efficiencies between OEM/ODM, EMS and downstream suppliers

can seem like a monumental task. In this session, we will explore how PLM can be used to manage the EHT Digital Thread across multiple stakeholders to resolve issues related to disconnected processes, product data and resources. Jabil, the world's third largest electronic manufacturing services provider, will then discuss how they leveraged the Digital Factory to expand expertise, ingenuity and supply chain optimization to help their customers innovate and maintain market leadership.

Key Takeaways:

- Understand how to leverage PLM to manage the Digital Thread
- Learn how PLM and the Digital Thread can help achieve business initiatives
- See how to increase supply chain efficiencies with integrating PLM and the Digital Factory

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