

# Maximizing Value from Your Asset Management Strategy

written by Lauri Moon | February 28, 2019

It's critical to get the most value possible from your asset management tools to boost reliability and performance and reduce downtime. **Intelligent Assets Practice Lead Paul Casto of GrayMatter** and **Senior Product Marketing Manager Dan Parker of GE Digital** will discuss how to craft a successful asset maintenance strategy that balances equipment criticality, predictive and condition-based maintenance and predictive analytics. They will highlight common missteps that can hurt long-term success and detail how **Eastman Chemical** embraced a comprehensive solution that dropped unscheduled downtime by 60 percent, reduced product loss by 40 percent and cut long-term maintenance costs by 10 percent, saving millions of dollars.

Topics Paul and Dan will cover:

- Reliability
- Availability
- Uptime
- Maintenance cost
- Risk of failure
- Unexpected failures
- Scrap (due to equipment)
- Condition-Based Maintenance
- Life of Capital Equipment

## Speakers

 **Paul Casto, Intelligent Assets Lead, GrayMatter**

Paul Casto is a top practitioner in reliability and maintenance improvement methodologies. He has hands-on experience in reliability, maintenance, operations and engineering in the steel, aluminum, automotive, chemical, aerospace, consumer

goods and construction industries. His areas of focus include: value creation through reliability and maintenance, leveraging reliability to reduce operating cost, the application of advanced reliability tools integrating operations into reliability and maintenance, reliability-based maintenance and shop floor culture change. He has previously worked for GE Digital, Meridium and Eastman Chemical Company.

 **Dan Parker, Senior Product Marketing Manager, GE Digital**

Dan Parker is the Sr. Product Marketing Manager for the Asset Performance Management (APM) solution at GE Digital. With more than 10 years of experience in the development and commercialization of enterprise application software solutions, Dan focuses on the delivery of APM solutions that enable asset-intensive chemical companies to drive safer, more reliable operations while maximizing performance and lowering costs. In addition to APM, his product experience includes: Manufacturing Execution Systems (MES), and various HMI/SCADA solutions.



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# Transforming Manufacturing for

# Growth

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## Gaining a Competitive Advantage with IoT

Industrial IoT is ushering in a new era of vastly improved performance in the world of supply chain management, production process and 'smart factories'. The IIoT is helping companies improve productivity and safety while increasing engagement, differentiating their offering, and generating new revenue streams. Those leveraging IIoT technologies including cellular connectivity are far more efficient, productive and profitable than their non-connected counterparts—providing them a distinct competitive advantage.

Join IndustryWeek and Sierra Wireless on October 23rd for this 60-minute webinar and discover the foundational layers and complex collection of technologies that are required to get started with smart connectivity to generate, process and use machines for a competitive advantage in industrial business, using IoT.

Our panel of industry experts will explore:

- Current and future trends in Industrial IoT
- Real-life examples of how IoT is transforming manufacturing businesses
- Getting started for determining the 'right' IoT strategy for you
- Recommendations for working with the right solution providers
- Future-proofing your business for a competitive advantage

### Speakers

 **Vaibhav J. Parmar, Partner, PwC**

Vaibhav is Partner in PwC's Technology Consulting organization, focused on IoT, Cloud, and Software Defined Networks. He has 20 years of experience in sales, business development and client service delivery of technology advisory, consulting, systems integration and managed services projects globally. His specialties include

technology infrastructure (telecom / networks, cloud, data centers, service management), emerging technologies (automation, analytics, mobility, Internet of Things), and cybersecurity.

Vaibhav has worked with clients in the telecom, mobile, cable, high tech, energy, utilities, mining, hospitality, retail and transportation industries. His experiences include strategy development, assessments, technology infrastructure design and implementation, business case development, mobility enablement and applications, technology and product development, and systems operations and management. Vaibhav has spoken at industry conferences such as DistribuTECH, UTC Telecom, CTIA Wireless, WiMAX Forum, and TeleManagement Forum, and has participated in industry organizations such as FCC, IEEE, Utilities Telecom Council and WiMAX Forum.

Vaibhav holds a Master's degree in Electrical Engineering and a Bachelor's degree in Electrical Engineering, both from the Georgia Institute of Technology in Atlanta USA.

 **Vijay Ujjain, Director, IoT Lab, Emerging Technology, PwC**

Vijay leads the IoT Team for the Emerging Technology Lab at PwC. He has a passion for developing innovative technology solutions and building prototypes. Vijay joined PwC with over 20 years of experience with wireless, cybersecurity and network design areas. He is recognized by peers as a leader in the Internet of Things (IoT), broadband wireless (LTE) and Low Power Sensor Networks space. He provided leadership to engineering teams at a pivotal time in transition to a scalable, cloud based architecture and connecting sensors to the cloud. Vijay has extensive experience with end-to-end aspects of IoT incl. distributed architectures for edge computing.

Previously, Vijay was VP Product Management at Proximity till its acquisition. He also led the efforts on standardization of Smart Grid Security architecture, content transfer for aviation systems and optimization of multi-mode wireless systems. Career includes senior engineering roles at Freescale Semiconductor, Ingenu, and Motorola.



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# Webinar: Industry 4.0 Wireless Technologies-What's New and Where to Begin

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The Industrial Internet of Things (IIoT) is helping companies improve productivity and safety while increasing engagement, differentiating their offering, and generating new revenue streams. From predictive maintenance to equipment as-a-service, Industry 4.0 promises huge returns. But where do you begin and which wireless technologies should you be considering? For device manufacturers and solution developers of industrial applications and equipment, betting on the wrong one could prove a costly mistake.

Register for this webinar to understand:

- Pros and Cons of different wireless technologies
- Hardware considerations for designing in wireless modules
- Data considerations for integrating industrial assets with the cloud

- And other connectivity options if you don't want to build it from scratch



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# Webinar: Facilitating Lean with Synchronized Planning and Scheduling

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Discover the value of a Lean synchronized approach to production scheduling with an integrated approach to maximizing production scheduling effectiveness. DELMIA Ortems Agile Manufacturing range of advanced planning software successfully complements the traditional ERP, MES, PLM and SCM management systems. See how this new approach adds the power of constraint-based finite-capacity resource optimization, and synchronization of production flows - from raw materials through to finished products.

In today's world, companies are challenged to anticipate new production introductions, rationalize urgent transportation expenses, reduce penalties for late delivery, and protect margins. Manufacturers look to maintain the correct level of

inventories with precision while confronted with the need to compress manufacturing cycle times with increased demand complexity and variability.

Attendees can expect to gain insights specific to plant management and optimization, and how to address plant planning & scheduling challenges, while also learning key attributes of the DELMIA Ortems solution including:

- Specific time and production savings customers have achieved leveraging predictive analytics
- How to more effectively align your shop floor resources leveraged with technology
- How to compress manufacturing cycles times
- How to more effectively manage setup times, sequencing and how to run infinite “what-if” scenarios to make the right decisions
- How to ensure efficient inventory controls while managing a multitude of production variables
- How DELMIA Ortems works with and can effectively complement your current ERP
- How to reduce penalties and protect margins

All delivered in a highly dynamic real time approach focused on advanced plant centric planning & scheduling.

## **Speaker**

 **Thomas Muth, DELMIA Industry Director, Dassault Systèmes**

Thomas Muth has over 20 years experience industry marketing in Manufacturing Operations Management and ERP solutions serving a wide range of industries. Graduate of University of Wisconsin.



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