AMERICAN MANUFACTURING SUMMIT 2018

MARCH 27-28, 2018
THE WESTIN LOMBARD YORKTOWN CENTER • LOMBARD, IL

manusummit.com

TOMORROW’S CONNECTION TODAY
Driving Business performance through process and technological innovation

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PROGRAM
PROGRAM  DAY ONE

REGISTRATION & GROUP BREAKFAST

CHAIR’S OPENING REMARKS

KEYNOTE
ADAPTING TO THE MILLENNIAL GENERATION: WORKFORCE CONCERNS, RECRUITING, AND RETENTION STRATEGIES
- Understanding the Millennial worldview and the underlying factors that have shaped them and society’s perception of them
- Leveraging your Lean Operating System to implement effective recruiting and retention strategies
- Effectively managing the loss of corporate knowledge being brought about by changing workforce compositions

8:55 am – 9:35 am

PLENARY
A MANUFACTURING CASE STUDY: APPLYING LEAN MANAGEMENT PRINCIPALS TO EXPOSE PROBLEMS IN TRADITIONAL BUSINESS SYSTEMS
- Developing a true culture of continuous improvement that is sustainable and accountable
- Driving a lean and/or six sigma activity that is part of your overall business philosophy
- An analysis of what influences workplace culture and an understand of how to move your company’s culture in the direction you want
- Key business fundamentals that are essential for your staff in order to sustain a lean focused culture

PRE-ARRANGED ONE-TO-ONE NETWORKING & REFRESHMENTS
MAXIMIZING ON LEAN: IMPROVING A COMPANY’S INTERNAL FUNCTIONS WITH A CUSTOMER-ORIENTED PERSPECTIVE

• Developing a maximum effect for organizational improvement through developing an outside-in perspective as early in your lean conversation process as possible.
• Enhancing lean sustainability through customer centrality, standardized work for managers and strong calls for accountability
• Key steps top management must take in order to develop a lasting lean program and culture
• Customer expectation management as a driver when evaluating your lean program

SEAN HOLLY
VP, Manufacturing Operations

ACHIEVING OPERATIONAL EXCELLENCE THROUGH DEVELOPING TALENT, TEAMS AND CULTURE THROUGHOUT THE ENTIRE ORGANIZATION

• Strive for top results across the entire organization through an operational excellence approach that has the momentum to endure leadership transformations
• Identify the key elements required to ensure operational excellence to avoid the “island of excellence within a sea of mediocrity” outcome
• Make the change: Create a leadership climate of humility and respect to increase capabilities and engagement across the organization
• Embrace a TPM based manufacturing operating system to drive top productivity
• The journey to autonomous work teams: Is your enterprise aligned for success

DAVID KADRIE
VP, Lean Six Sigma

TECHNOLOGY

DEVELOPMENT OF AN AUTOMATION INVESTMENT STRATEGY AS A DRIVER FOR OPERATIONAL EXCELLENCE

• Automation from the top down: Identifying strategic challenges for the business
• Key examples of transformational changes as a result of business strategy and automation strategy alignment
• Drive business results through smart automation investments, not sub optimization of individual processes or functions
• Key technologies that establish manufacturing competitiveness for your business

STANLEY ROBERTS
VP, Engineering Excellence

12:05 pm – 12:40 pm

PROCESS STRATEGY

DRIVE PRODUCTIVITY THROUGH MANAGING THE EFFICIENCY OF YOUR MANUFACTURING PROCESS

• Reduce your company’s operating cost with complete visibility
• If you can measure it you can manage it: Identify constraints to increase your overall profitability
• Stay ahead of the competition with the Automated Approach: Know the advantage of an innovation investment
• Identify your improvement opportunities to create the factory of the future

DAVID MCPHAIL
CEO & President

PEOPLE

CONNECTING HUMANS, MACHINES AND PRODUCTS TO INCREASE AGILITY

• Accelerate processes and manage the wide variety of products to speed production
• Creating an assembly line that doesn’t need to perform technical or logical setup tasks
• Decentralized production planning is the key element: The connected production line
• Covering and connecting a wide range of products at a lower cost

PHIL MCINTYRE
Senior Director, Business Development

TECHNOLOGY

BUILDING TOMORROW’S MANUFACTURER: HOW IOT IS TRANSFORMING THE MANUFACTURING SECTOR

• The impact of remote access to both historical and real-time data in driving the decision making process
• Improved asset utilization, workforce efficiency and improved risk management as a result of the connected facility
• Built for success—driving the infrastructure today that you will need tomorrow
• Eliminate massive information gaps about real time decisions to better manage risk

DAVID MCPHAIL
CEO & President

SEAN HOLLY
VP, Manufacturing Operations

DAVID KADRIE
VP, Lean Six Sigma

STANLEY ROBERTS
VP, Engineering Excellence

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DAVID MCPHAIL
CEO & President

SEAN HOLLY
VP, Manufacturing Operations

DAVID KADRIE
VP, Lean Six Sigma

STANLEY ROBERTS
VP, Engineering Excellence
12:45 pm – 1:45 pm

**LUNCH & LEARN ROUND-TABLE DISCUSSIONS**

**SUCCESSION PLANNING: WHAT CAN COMPANIES DO TO DEVELOP THE NEXT GENERATION OF MANUFACTURING TALENT**

**TRANSFORMING MANUFACTURING ROLES IN PRODUCT DESIGN AND DEVELOPMENT**

**BEST PRACTICES IN MANAGING CONTRACT MANUFACTURING PARTNERSHIPS**

**BUILDING PEOPLE NETWORKS: COLLABORATION, KNOWLEDGE SHARING AND SOCIAL NETWORKING TOOLS TO HELP CLOSE DISTANCE GAPS AND DISRUPT SILOS ACROSS THE VALUE CHAIN**

1:50 pm – 2:30 pm

**PLENARY**

**REEXAMINING YOUR CI STRATEGY FOR A PRODUCTION SYSTEM THAT KEEPS YOU AHEAD OF THE COMPETITION**

- Standard work that encourages Kaizen as the foundation for all continuous improvement initiatives
- Concrete examples of CI work and tips on how to answer common worker opposition to standard work
- How to start and maintain your CI journey, metrics required for success
- Scaling with CI in mind: Including the right technology, people and process to drive enhanced quality on the shop floor

**BILL GOOD**
VP, Supply Chain Network

2:35 pm – 3:10 pm

**PROCESS STRATEGY**

**FOCUSBING ON CREATING FLEXIBILITY AND MOVING WASTE BACK FROM THE PRODUCTION PROCESS WHILE REDUCING THE TOTAL COST OF MANUFACTURING**

- The supply chain is more than bidding transportation routes and low cost sourcing
- Packaging correctly at the source to improve flow
- Technology and the impact on the supply chain
- Collaboration

**PEOPLE**

**COMPETING IN A GLOBAL MARKET BY UNLEASHING THE CAPABILITY & CREATIVITY OF YOUR TEAM THROUGH TECHNOLOGY**

- How to gain and sustain competitiveness by building a Culture of Continuous Improvement and lean 4.0
- How to create the environment that enables your team to add maximum value
- How to focus your team’s energy to optimize your organization’s rate of improvement

**TECHNOLOGY**

**CORRELATE DATA TO THE CORPORATE HEADQUARTERS FROM THE SHOP FLOOR FOR FULL TRANSPARENCY**

- Increase the productivity of engineers and analysts who have expertise in manufacturing operations and processes
- Leverage advanced analytic capabilities to easily find correlations and predict future values with machine learning
- Eliminate language and communication barriers between facilities or countries
- Take the necessary cybersecurity measures: Store your work, data indexes, and annotations on your data without impacting the integrity of your systems of record

**CURT TOWNE**
EVP, New Business Development
3:15 pm – 4:35 pm
PRE-ARRANGED ONE-TO-ONE NETWORKING & REFRESHMENTS

4:40 pm – 5:20 pm
PLENARY
THE TECHNOLOGY FREIGHT TRAIN GET ON BOARD: USE TECHNOLOGY AS A FORCE MULTIPLIER FOR OPERATIONAL EXCELLENCE AND VALUE CREATION
- Drive Operational Excellence through the optimization of people, process and technology
- Navigate your way to success with a winning approach to your manufacturing technology roadmap, integrating technology with your lean initiative
- An overview of key principles that will enable your company to achieve their operational goals
- Utilizing technology as a tool for effective execution of problem solving and improving the ability to achieve organizational targets

KEITH HOOVER
VP, Manufacturing Innovation and Development

3:15 pm – 4:35 pm
PLENARY
BUILDING AN OPERATIONAL EXCELLENCE SYSTEM FOR THE FUTURE SUCCESS OF YOUR TEAM WORLDWIDE
- Implement a Plan-Do-Check-Act model to achieve continual improvement
- Rigorously audit the performance of your team against operational objectives and compliance requirements
- Implement a global framework for managing the health and safety of your employees and contractors

TODD MONETTE
VP, Manufacturing

6:00 pm – 6:40 pm
CLOSING KEYNOTE
THE EVOLUTION OF MANUFACTURING—EXAMINING THE NEXT GENERATION OF AUTOMATED PRODUCTION AS A DRIVER TO SHIFT HISTORICAL BELIEFS IN GLOBAL FOOTPRINT OPTIMIZATION
- Understanding the intersection of technology and geography as a strategic manufacturing opportunity as automation changes the game
- Automation and process efficiency as countermeasures to opportunities in decreased labor cost, generating the ability to do more with less
- Understanding the knowledge economy as an essential requisite to remain competitive in a developing market
- Driving cost reduction through the establishing manufacturing as a core strategic lever rather than a cost management exercise
- Envisioning the Dark Factory—what happens when we pull people out of the factory and what does this mean for society?

KEITH HOOVER
VP, Manufacturing Innovation and Development

6:40 pm – 6:45 pm
CHAIR’S CLOSING REMARKS

6:45 pm – 7:45 pm
NETWORKING & DRINKS RECEPTION
PROGRAM  DAY TWO

7:00 am – 8:00 am

NETWORKING & BREAKFAST BRIEF

8:05 am – 8:15 am

CHAIR’S OPENING REMARKS

8:15 am – 8:55 am

KEYNOTE
TURNING PASSION INTO PROFIT: HOW DRIVING OPERATIONAL EXCELLENCE & INVESTING IN PEOPLE WILL BE THE BEST ROI IN 2017
• Establishing a vision of change that drives innovation and allows breakthrough performance
• Creating a culture of operational excellence that generates cost savings and boosts productivity
• How diversification can unleash the potential of your business

GENA LOVETT
VP, Operations Boeing Defense, Space and Security

9:00 am – 9:40 am

PLENARY
INDUSTRY 4.0: INFORMATION AND OPERATIONS, THE CONVERGENCE OF TWO WORLDS FOR MANUFACTURING EXCELLENCE
• Manage the exchange of information among several applications for quality optimization
• Enable the transformation of heterogeneous data into actionable insights through the principles of industry 4.0 and the IT/OT challenges
• Implement the right quality inspection system to achieve quality targets through continuous improvement processes and analytical reporting
• Realize the functional growth potential through reporting, scalability and system integration

TOM WARNER
CEO ThyssenKrupp Presta Danville

9:45 am – 10:20 am

PLENARY
DEVELOPING A SUSTAINABLE LEAN DEPLOYMENT PLAN
• Figuring out the major steps to take and elements to include in a successful lean deployment
• Understanding the root causes of why some lean initiatives fail to produce sustainable results
• Key components of establishing a lean culture of mutual trust, respect and continuous improvement
• Exploring the importance of culture and succession planning in developing a sustainable lean initiative

HEATHER REMLEY
SVP, Petrochemicals North America
PROCESS STRATEGY
CULTIVATE QUALITY TO ACHIEVE YOUR RESTRUCTURING AND COST REDUCTION PLANS
- Take the necessary actions to increase quality and reduce internal and external failures to positively influence the bottom line
- Improve machine up times through preventative maintenance to achieve a reduced operating cost
- Enable the people and processes through TQM to proactively control standards of quality
- Lead with six sigma to lower prevention costs through the advancement of manufacturing process and workers training

Mike Gentile
VP, Operations

PEOPLE
CULTURE: THE DEFINITIVE PIECE IN YOUR CI JOURNEY
- Pick the program that works — look outside your company to find CI initiatives that have worked in a similar environment
- The importance of why - explain the why over and over
- Everyone Everyday Getting Better and Better - keep the message simple
- Find your internal leaders to help drive a sustainable change process

Mark Gooch
VP, Global Lean Enterprise

TECHNOLOGY
AUTOMATION INVESTMENT AS THE CORNERSTONE FOR A WORLD-CLASS MANUFACTURING STRATEGY
- Understanding what economic conditions are suitable for your business to invest capital on critical automation projects
- Key steps to rigorously rank investments based on achievable ROI metrics
- Leveraging Total Cost of Ownership as a key contributor to expected and actual ROI metrics on automation projects
- Establishing an automation strategy that works: customer needs, agility, relationships with suppliers and existing employee skill sets

Militza Manzano
VP, Engineering

11:10 am – 11:45 am

NETWORKING & REFRESHMENTS

11:50 pm – 12:25 am

PROCESS STRATEGY
SUPPLY CHAIN AS A STRATEGIC ADVANTAGE - WHY YOUR SUPPLY CHAIN SHOULD BE A STRATEGIC ADVANTAGE AND WHY COMPANIES FAIL TO MAKE THAT HAPPEN
- Why strategic sourcing should be your foundation
- Most common mistakes that companies make which prevent them from realizing full strategic potential for their Supply Chain
- Critical success factors that demonstrate strategic advantage through Supply Chain
- Most recurrent errors Supply Chain Professionals make that limit their effectiveness and their company's results

Wil Henderson
Partner

PEOPLE
BUSINESS BOOTCAMP – DRIVING GREATER EXECUTION, ENGAGEMENT, AND ULTIMATELY EARNINGS!
- Are you ready to accurately assess your teams, your leaders, and your performance: For 25 years, Competitive Solutions, Inc. has been taking organizations through a Business Bootcamp with some pretty dramatic results
- Learn how to drive business acumen at a tactical level
- Move accountability from a concept to a practice and elevate expectations of engagement
- Eliminate hours of meetings each week by recalibrating intent
- Moving from abstract OPEX tools to business critical necessities
- What are the eight essential elements of 21st century leaders?

Shane Yount
Principal/Author

TECHNOLOGY
TECHNOLOGY AS AN AID TO LABOR SHORTAGES
- Battling the skills gap with a lean 4.0 process
- Sustaining operations with an investment in automation
- Staying competitive through establishing the right technology

Shane Yount
Principal/Author
1:35 pm – 2:10 pm

**PROCESS STRATEGY**

**REVOLUTIONIZING YOUR CHANGE MANAGEMENT STRATEGY: ENRICH YOUR CORPORATE CULTURE ON A CONTINUAL IMPROVEMENT BASIS**

- Improve corporate culture to improve facility culture
- Create an environment that advances process improvement and innovation
- Reforming efficiency not only for cost reduction, but as a value-adding exercise
- Understanding your team: The importance of learning how to engage with your employees at all levels of the business

**PEOPLE**

**21ST CENTURY MANUFACTURING ORGANIZATION - WHAT'S OLD IS NEW - HOW TO FIX A BROKEN MANUFACTURING CULTURE**

- A comparison of two practices: A look at what worked in the past and the current situation
- Create a faster learning curve culture and increase proficiency with focusing on smaller amounts of job responsibilities within your team
- Innovating your culture with an influx of entry level position candidates
- Increase operational excellence through developing your current talent and maturing their leadership

**TECHNOLOGY**

**MANUFACTURING: ENTERING AN ERA OF HYPER-INNOVATION**

- Equating R&D investment with manufacturing optimization
- New technologies and collaborative business models as a driver for operational excellence
- Rationalizing increased spend on innovation as a driver for bottom line growth
- Understanding the impact of 3-D printing collaboration and supply chains in decreased manufacturing costs and speed to market

**CHARLIE ACKERMAN**

SVP, Human Resources
North America
2:15 pm – 2:50 pm

PLENARY

FOSTERING THE GROWTH OF NATIONAL MANUFACTURING THROUGH INNOVATION

- The Advanced Robotics Manufacturing story
- Demonstrate and facilitate an early adoption to of novel robotic solutions
- Create and sustain new jobs through empowering American workers to compete with low-wage workers abroad
- Drive success by lowering technical, operational and economic barriers for small, midsize and large companies to adopt robotic technologies

MIKE BREWSTER
Chief Production Officer
MONIN

2:55 pm – 3:30 pm

LIVE CASE PANEL

UNDERSTANDING THE INTERPLAY BETWEEN HUMAN BEHAVIOR AND THE SUCCESS OF A LEAN IMPLEMENTATION

- Recognizing the correlation between personnel stress and the implementation of Lean
- Synchronizing the needs of individuals, the company, and its value chain to achieve the full benefits of your initiative
- Developing a Continuous Improvement mindset to provide the basis for a successful Lean initiative
- Ensuring that the right people are in the right place to avoid backsliding or a lack of ability to sustain change

3:35 pm – 3:45 pm

CHAIR’S CONCLUDING REMARKS & CLOSE OF SUMMIT