

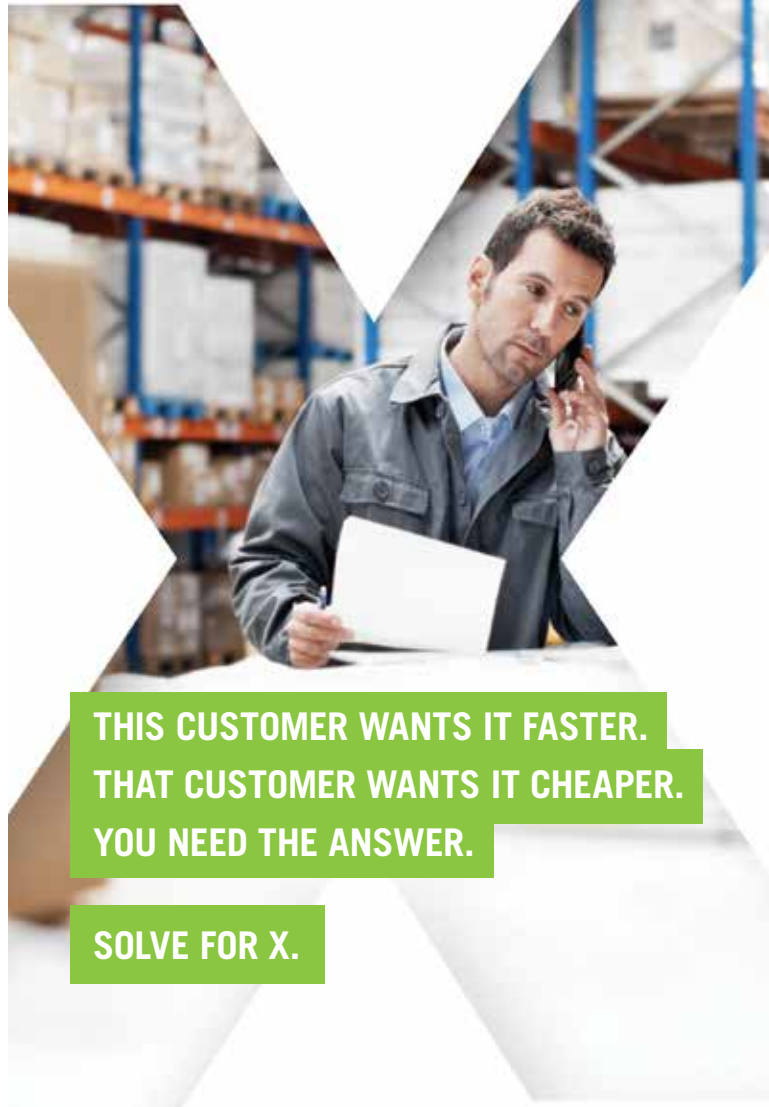


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**SOLVE FOR X**  
at the premier international manufacturing  
and supply chain event of 2017.

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**THIS CUSTOMER WANTS IT FASTER.  
THAT CUSTOMER WANTS IT CHEAPER.  
YOU NEED THE ANSWER.**

**SOLVE FOR X.**



**PROMAT** 2017

McCormick Place | Chicago  
April 3-6, 2017  
promatshow.com

powered by  MHI

**Find what's next.**

## FIND WHAT'S NEXT.

ProMat is the perfect place to gain business momentum with manufacturing and supply chain solutions that can offer you undeniable real-world results:

- Improve visibility and accelerate time to market
- Reduce operating costs and increase efficiency
- Streamline and automate your operations
- Connect with key thought leaders
- Discover the latest technologies and innovations
- Reduce your carbon footprint

### **In-person Experiences. Outstanding Results.**

There's no substitute for meeting and networking face-to-face, and watching equipment and systems operate in real time. ProMat gives you the chance to do both. When you're here, you can connect with industry peers and more than 850 solution providers to find the precise solutions you need to move your business forward. Connections, education and solution-sourcing, all under one roof; that's ProMat 2017.

### **Set Yourself Up for Future Success.**

The future of the manufacturing and supply chain industry starts at ProMat. It's where the brightest minds in the industry gather to network, learn and share. Get a sneak preview of where the industry is going and find the people, solutions and resources you need to get ahead. Whatever manufacturing and supply chain solutions you need to succeed, you'll find them at ProMat 2017. Come see what's next. Come solve for X.

**REGISTER TODAY FOR PROMAT 2017  
APRIL 3-6 IN CHICAGO  
PROMATSHOW.COM**

## What do you need to improve the performance of your manufacturing and supply chain operations?

**Is it automation?**

**A new process?**

**A breakthrough technology to enhance efficiency?**

**Whatever your "X" is, you'll find it at ProMat, the manufacturing and supply chain industry's largest trade event.**

ProMat gives you access to more than 850 of the leading providers along with their cutting-edge equipment and technology solutions. ProMat also offers over 100 educational sessions, countless networking opportunities and powerful keynote talks where you will learn, first-hand, the leading trends that are shaping the future of supply chains. Everything you need to succeed is here.

**Come solve for X at ProMat 2017.**

# SURROUND YOURSELF WITH THOUSANDS OF SOLUTIONS.

If you need a specific supply chain solution to elevate your business, ProMat gives you the best chance to find it. That's why thousands of manufacturing and supply chain professionals from over 110 countries consider ProMat a can't-miss event. They all come to solve for "X." If you're looking to gain an unfair advantage for your manufacturing and supply chain operations, there's no better place to be than surrounded by all of these potential game-changing solutions.

## **Material Handling and Logistics Equipment and Systems:**

### **ProMat McCormick Place South Hall**

Automated Storage and Retrieval Systems, Automatic Guided Vehicle Systems, Casters/Wheels/Tires, Hydraulic and Electrical Components and Controls, Robotics, Personnel/Burden Carriers, Racks, Forklifts, Batteries, Lift Trucks, Flexible Manufacturing Systems, Tool Handling, Conveyors, Mezzanines, Lift Tables, Scissor Lifts, Unit Handling Systems, Manufacturing Execution Systems, Warehouse Management Systems/Supply Chain and Logistics Execution Systems, Ergonomic and Safety Equipment, Carousels, Modular Drawer Storage, Order Picking, Sortation Equipment, Shelving and Workstations, Third-Party Logistics

## **Packaging, Containers, and Shipping Equipment:**

Box and Carton Makers, Dunnage Trays, Packaging and Unitizing Systems, Wrapping, Inspection of Products by Weight or Scanning, Pallets, Wire Baskets, Plastic and Metal Containers, Palletizing Equipment

## **Dock and Warehouse Equipment and Supplies:**

Dock Levelers, Dock Pads, Doors, Forklift Trucks, Racks, Flooring, Handling Systems, Forklift Attachments, Conveyors, Hoists, Cranes, Monorails, Loading Dock Equipment, Below/Hook Lifting Devices

## **Inventory Management, Information Technology, and Controlling Technologies:**

Computers, Controllers, Software Programs, Systems Integrators, Manufacturing Execution Systems, Warehouse Management Systems/Supply Chain and Logistics Execution Systems, Remote Control Equipment, Wireless Control Systems, Voice Recognition Systems, Enterprise Resource Planning, Order Management Systems, Transportation Management Systems

## **Consultants and Distribution System Planners:**

Simulators, Modelers, System Designers, Distribution Consultants, Third-Party Logistics

## **Automatic Identification Equipment and Systems:**

Barcode Printers and Scanners, Vision Systems, Voice Recognition Systems, RFID Systems, Systems Integrators

## **Logistics and Supply Chain Management:**

Alternative Fuel Systems, Parcel Management, Reverse Logistics, Third-Party Logistics, Sustainable Facility Solutions, Supply Chain and Logistics Execution Systems, Enterprise Resource Planning, Transportation Management Systems, Inventory Security Services

## **Autonomous Vehicles:**

### **ProMat McCormick Place North Hall**

Automated Storage and Retrieval Systems, Automatic Guided Vehicle Systems, Driverless Trucks, Delivery and Data Collection Drones, Automated Crane Technologies

## **Sustainable Facility Solutions:**

Alternative and Renewable Energy and Fuel Systems, Recyclable Packaging and Shipping Materials, Energy Efficient Lighting, High Volume/Low Speed (HVLS) Fans, Energy Efficient Equipment and Sensors, Daylighting Technologies, Sustainable Facility Planning, Power Regeneration Technologies





# WHEN YOU NEED “X” TO GROW YOUR BUSINESS, PROMAT IS WHERE YOU FIND IT.

In an industry that’s constantly evolving, you simply can’t afford to stand still. ProMat brings the industry’s most influential people and progressive solutions together to do business. This is where lessons are learned, deals are made and progress happens.

## **No Risk, Plenty of Reward.**

ProMat has the resources you need to get your management’s approval to attend ProMat 2017. Visit [ProMatShow.com/approval](http://ProMatShow.com/approval) to find proposal writing tips and strategies. The people you meet and the solutions you experience at ProMat 2017 could impact your business for years to come.

## **Explore Global Opportunities.**

ProMat is an international event with manufacturing and supply chain professionals attending from over 110 countries. To accommodate our international visitors, we have special interpreting services, meeting rooms and matchmaking tools at the ready.

## **Unsurpassed Educational Opportunities.**

ProMat offers you a preview of what lies ahead in the manufacturing and supply chain industries. Whether it’s a new product or technology, a new process, or a regulation that’s going to alter the way business is done, you’ll learn about it at ProMat. With some of the leading minds in the business world offering keynote talks, a women in supply chain summit and over 100 educational seminars on the show floor, ProMat offers you the insight and information you need to tackle the challenges of the future.

With so much going on, you can customize your ProMat educational experience to fit the specific needs of your business. Whatever your “X” is, you’ll have a great chance to find something or someone who can help provide a solution.

# ProMat 2017

## KEYNOTES

Monday, April 3

8:45 AM - 9:45 AM

### Building Supply Chain Sustainability for Competitive Advantage: Lessons learned from leaders in innovative facility design

**Moderator: Andrew Winston**

Sustainability expert and author of *Green to Gold*

Panelists: **Tamara Barker**, Chief Sustainability Officer and Vice President of Environmental Affairs, UPS

**Randolph L. Bradley**, Technical Fellow, Supply Chain Management, The Boeing Company

**Rick Bingle**, Vice President of Supply Chain, REI

Andrew Winston will lead a panel of manufacturing and supply chain sustainability leaders as they discuss how companies both large and small can use environmental strategy to grow, create enduring value and build stronger supply chains. Learn first-hand how leading brands have successfully incorporated environmentally sound practices into their facility design and how it is driving efficiency and cost savings.

**Moderator:**

**Andrew Winston**

Sustainability expert and author of *Green to Gold*

**Dana Carvey**

Emmy –award winning comedian and Saturday Night Live Alum

Tuesday, April 4

8:45 AM - 9:45 AM

### Industry 4.0 – How intelligent machines are transforming supply chains

**Markus Lorenz**

Partner and Managing Director, The Boston Consulting Group

The fourth industrial revolution is upon us: machines infused with intelligence. This transformation will transform how manufacturing and supply chains work today. During this keynote, Markus Lorenz will explore the many ways this revolution will impact our industry, the economy and what kinds of new jobs it will create.

**Markus Lorenz**

Partner and Managing Director, The Boston Consulting Group

**Earvin “Magic” Johnson**

Chairman and CEO of Magic Johnson Enterprises

Wednesday, April 5 8:45 AM - 9:45 AM

## Preview of MHI 2017 Annual Industry Report

**George W. Prest** CEO, MHI  
& **Scott Sopher** Principal, Deloitte Consulting LLP

This is your opportunity to be the first to have access to this new report on the supply chain trends and technologies that are creating digital supply chains. Scott Sopher, the principal with Deloitte Consulting LLP's Supply Chain practice will join George W. Prest, CEO of MHI in presenting the findings and moderating a panel of manufacturing and supply chain leaders on the report's findings.



**George W. Prest**  
CEO, MHI



**Scott Sopher**  
Principal, Deloitte  
Consulting LLP

Wednesday, April 5 1:00 PM - 2:00 PM

## The Power of Magic: Know your customer and where they are going

**Earvin "Magic" Johnson**  
Chairman and CEO of Magic Johnson Enterprises

Perhaps best known as a National Basketball Association (NBA) legend, two-time Hall of Famer, and Olympic Gold Medalist, Earvin "Magic" Johnson has enjoyed an equally successful second career in business. He has successfully parlayed his skills and tenacity on the court into the business world, propelling his company to the status of #1 Brand in Urban America valued at an estimated \$1 billion dollars.

As customers and markets move very quickly, products and solutions must be relevant to where customers are today and where they are going to be tomorrow. In this fireside chat with DC Velocity Group Editorial Director Mitch MacDonald, the NBA legend and Entrepreneur will reveal the secrets to his business and personal success. Join us as he drives home how his core focus on customer service — by always over-delivering on customer expectations — propelled his business investments forward.

Learn first-hand, how he dedicated himself to bringing jobs and high quality products and services to underserved communities. He did this by developing unprecedented partnerships with major corporations as he wrote the corporate blueprint for engagement and success with urban consumers across America.

Wednesday, April 5 4:30 PM - 7:00PM

## MHI Industry Night with Dana Carvey

**Dana Carvey**  
Emmy – award winning comedian and Saturday Night Live Alum

Join us for live music, food, drinks and entertainment by comedian Dana Carvey. Tickets are sold for \$50. Ticket price will include beer, wine and hors d'oeuvres. A portion of ticket sales will be donated to the Material Handling Education Foundation, Inc. (MHEFI).

Saturday Night Live Alum and Emmy –award winning comedian Dana Carvey is best known for his classic characters The Church Lady, Hans from body building duo Hans and Franz and Garth, the most Excellent Co-Host to Mike Myers in the immensely popular "Wayne's World." Carvey has also received widespread praise for his uncanny comedic impersonations of such political figures as George and George W. Bush, Bill Clinton, Ross Perot, Ronald Reagan and Barack Obama, as well as Johnny Carson, Regis Philbin and Casey Kasem.

## Door Prize: Trip of a Lifetime

The door prize for this event will be all-expenses paid bucket list vacation for four to a location of the winner's choosing. Value: \$30,000. See official rules at [ProMatShow.com/rules](http://ProMatShow.com/rules).

Keynotes are co-presented with Automate 2017.

# AUTONOMOUS VEHICLE SOLUTIONS THEATER \*

**Monday, April 3, 2017**

**10:45 AM - 11:30 AM**

**Drones in the supply chain: What's the big deal about cycle counting?**

PINC Solutions

**12:45 PM - 1:30 PM**

**Commercial Drones and the American Regulatory Landscape: Past, Present, and Future**

Small UAV Coalition

**2:00 PM - 2:45 PM**

**How Drone Delivery is Disrupting the Supply Chain**

Flirtey

**Tuesday, April 4, 2017**

**10:45 AM - 11:30 AM**

**Scanners Taking Flight: The World of Warehouse Sensing is Changing**

Skyward

**12:00 PM - 12:45 PM**

**Technology Advancements of Aerial Robotics**

Advanced Aircraft Company

**1:30 PM - 2:15 PM**

**Drones in Logistics**

Autonometrics

**2:45 PM - 3:30 PM**

**Town Hall Discussion: Art of the Possible, UAS in the Supply Chain Industry**

Moderator: Jonathan Rupprecht, Esq.,  
Rupprecht Law

Panelist: Wilstair

**Wednesday, April 5, 2017**

**10:45 AM - 11:30 AM**

**How self-driving vehicles impact the first mile and enable lean manufacturing**

OTTO Motors

# SUSTAINABLE FACILITY SOLUTIONS THEATER \*

**Monday, April 3, 2017**

**Reusable Packaging and Sustainable Facility Trends**

**1:00 PM - 2:00 PM**

**Reusable Packaging Industry Trends**

Reusable Packaging Association (RPA)

**2:00 PM - 3:00 PM**

**Sustainable Distribution Center Design**

REI

**3:00 PM - 4:00 PM**

**Reusable Packaging in DC and Warehouse Operations**

Reusable Packaging Association (RPA)

**Tuesday, April 4, 2017**

**The Impact of Automation on Supply Chain Sustainability**

**10:15 AM - 11:00 AM**

**Automation Trends in Reusable Packaging**

Reusable Packaging Association (RPA)

**11:00 AM - 12:00 PM**

**Unlocking One-Touch Omni-Channel Distribution**

REI

**12:00 PM - 1:00 PM**

**Reusable Packaging Technology**

Reusable Packaging Association (RPA)

# WOMEN IN THE SUPPLY CHAIN INDUSTRY FORUM

12:00 PM – 4:30 PM

Tuesday, April 4

Powered by MHI with MHEDA and AWESOME

MHI has partnered with MHEDA (Material Handling Equipment Distributors Association) and AWESOME (Achieving Women's Excellence in Supply Chain Operations, Management and Education) to bring an afternoon of discussion, education and networking for women in our industry. Join your peers for this interactive event to address common issues faced by women in the supply chain force today.

Separate fee and registration required for this event. Learn more at [www.promatshow.com/education](http://www.promatshow.com/education)

## MHI YOUNG PROFESSIONALS NETWORKING EVENT

5:30 PM - 6:30 PM

Tuesday, April 4

Join MHI's Young Professionals Network (YPN) at our Meet and Greet networking reception. Network and connect with other young professionals in the material handling and supply chain industry.

Pre-registration is not required to attend - just wear your ProMat 2017 badge.

### CATEGORY LEVELS



BEGINNER



INTERMEDIATE



ADVANCED

### SEMINAR THEMES

- Automation & Robotics
- Transportation, Distribution and Warehousing
- Data Capture, Analytics and Information Management
- Workforce and Labor
- Manufacturing, Planning and Sourcing
- Sustainability and Risk Management

Visit [ProMatShow.com](http://ProMatShow.com) for complete seminar session details.

# ProMat 2017 EDUCATION SEMINARS\*

Monday, April 3, 2017



Theater A  
Exhibitor:  
AGVS

#### AGVS of MHI Presents: Breaking Barriers: A New Generation of AGVs

Learn how today's smaller and more affordable AGVs are changing the material handling landscape and opening up new opportunities in manufacturing and distribution.

10:30 AM – 11:15 AM



Theater C  
Exhibitor:  
DACS, Inc.

#### Warehouse Fire Sprinkler Codes and Impact on Storage Racks

Session will give an overview of how fire codes and sprinkler requirements impact warehouse storage rack design.

10:30 AM – 11:15 AM



Theater E  
Exhibitor:  
Daifuku North America Holding Company

#### The Convergence of Warehouse Execution Systems (WES) and Automation

Overview of WES and how to incorporate modern technologies such as Robotics, Simulation and Emulation, SCADA, and Predictive Analytics.

10:30 AM – 11:15 AM



Theater G  
Exhibitor:  
Flow-Rite Controls

#### Step Up Your Battery Care

Learn about the best practices in battery maintenance during the Step Up Your Battery Care seminar!

10:30 AM – 11:15 AM



Theater I  
Exhibitor:  
Westfalia Technologies, Inc.

#### AS/RS & Automated Layer Picking Systems: A Robust Combination

When seamlessly integrated, an AS/RS and layer picking system create a powerful combination.

10:30 AM – 11:15 AM



Theater B  
Exhibitor:  
Voxware, Inc.

#### Exceeding Expectations For Efficiency and Accuracy in Distribution Operations

Organizations that must meet constantly increasing expectations use voice and analytics to exceed accuracy and efficiency demands across a broad spectrum of functions.

11:15 AM – 12:00 PM



Theater F  
Exhibitor:  
Barcoding Inc.

#### Transformative Power of Wide Area Passive RFID

This seminar will help the user to understand the latest Wide Area RFID technology using low cost passive tags.

11:15 AM – 12:00 PM

\* These sessions will be held in theaters on the McCormick Place North Hall.





Theater D  
Exhibitor:  
*ORBIS Corporation*

## From DC to the Consumer: Using Reusable Totes and Pallets to Optimize Ecommerce Fulfillment and Distribution

Learn how reusable totes, pallets and mobile solutions can reduce touches, interface seamlessly with automation, deliver efficiency and decrease waste throughout the entire supply chain.

**11:15 AM – 12:00 PM**



Theater H  
Exhibitor:  
*SDI*

## Fulfilling the Consumer's Dream in the Buy Anywhere, Anytime Environment

In this case study, we explore common and strategic approaches found by retailers when dealing with e-commerce.

**11:15 AM – 12:00 PM**



Theater A  
Exhibitor:  
*Industry Group of MHI*

## EASE of MHI Presents: Until Automation Does It All ... Do Something NOW! Optimize Your Most Valuable Alternative – Your People

This session discusses why companies are reluctant to fully automate, why people may often be a better choice and how companies have modified their workplace.

**12:00 PM – 12:45 PM**



Theater C  
Exhibitor:  
*Philadelphia Scientific LLC*

## Transforming the Battery Room with Lean Six Sigma Processes and Tools

The application of Lean and Six Sigma to the battery room can yield tremendous savings. See how to implement Lean processes and transition to a data driven management control system.

**12:00 PM – 12:45 PM**



Theater E  
Exhibitor:  
*Murata Machinery USA, Inc.*

## Planning and Implementing your Automation Needs

As a world-wide Logistics and Automation Solution provider, Muratec will use industry focused case studies and session attendees will see examples of innovative and cost-cutting practices.

**12:00 PM – 12:45 PM**



Theater G  
Exhibitor:  
*Industry Group of MHI*

## AGVS of MHI Presents: Evolution of AGVs - What's Available and What's to Come?

AGVs are a disruptive force leading the way to Intralogistics 4.0. This educational seminar outlines simple AGV applications as well as the more challenging ones.

**12:00 PM – 12:45 PM**



Theater I  
Exhibitor:  
*OPEX Corporation*

## eCommerce: Shopping for Automation - When, What and How?

This seminar will provide a road map of sort to growing eCommerce businesses looking to transition to automation - perhaps for the first time.

**12:00 PM – 12:45 PM**



Theater B  
Exhibitor:  
*Millwood Inc.*

## Pallet Performance in Automated Storage Systems

Ralph has worked in a variety of technical and research positions in the wide realm of packaging for the last 35 years including film, corrugated, and pallets.

**12:45 PM – 1:30 PM**



Theater D  
Exhibitor:  
*Topper Industrial*

## Why the Fork Truck Free Movement is the North American 2017 Material Handling Trend

Participants will be given the first steps needed to start a fork truck free journey.

**12:45 PM – 1:30 PM**



Theater F  
Exhibitor:  
*Fortna Inc.*

## Performing Open Heart Surgery While Running a Marathon – An ASICS Retrofit Case Study

Attend this session to learn the 8 key things to consider to ensure a successful retrofit.

**12:45 PM – 1:30 PM**



Theater H  
Exhibitor:  
*Dematic*

## Optimizing Your Supply Chain with Advanced Analytics

In this session, software leaders will explain how they are using data analytics to help customers understand what is happening within their distribution centers.

**12:45 PM – 1:30 PM**



Theater A  
Exhibitor:  
*Zebra Technologies Corp.*

## Visibility that's Visionary: How Advanced Technologies are Transforming Capabilities in the Plant and the Warehouse

Learn how innovators are leveraging smart infrastructure, advanced sensing, analytics and optimized end-user technology to provide revolutionary levels of visibility in the plant and warehouse.

**1:30 PM – 2:15 PM**



Theater C  
Exhibitor:  
*Peach State Integrated Technologies*

## 5 Things That Can Sink Your Incentive Program

This session covers an interesting view on leading motivation theories and how they are often surprisingly at odds with popular labor management programs.

**1:30 PM – 2:15 PM**



Theater E  
Exhibitor:  
*VARGO™*

## Wholesale - The Next Frontier for Waveless

An overview of application of waveless, continuous flow processes on wholesale fulfillment operations.

**1:30 PM – 2:15 PM**



Theater G  
Exhibitor:  
*Clearpath Robotics*

## Self-Driving Vehicles for Interconnected Material Handling

This presentation will discuss how self-driving vehicle technology leverages Industry 4.0 capabilities to enable intelligent, data-driven, interconnected industrial operations.

**1:30 PM – 2:15 PM**



Theater I  
Exhibitor:  
*Kardex Remstar, LLC*

## Maximize ASRS Efficiencies by Leveraging Hidden Data

Using real life examples we'll highlight the type of data that's available with standard goods to man picking technologies and how to use it to your advantage.

**1:30 PM – 2:15 PM**



Theater F  
Exhibitor:  
*enVista*

## WMS vs. WCS vs. WES

WMS vs. WCS vs. WES - Determine where and how each system fits into your distribution strategy.

**2:15 PM – 3:00 PM**



Theater B  
Exhibitor:  
*Solutions  
Group of  
MHI*

### ISSG of MHI Presents: **Plugging The Holes in Your Extended Supply Chain**

This session will look at the latest supply chain systems developments that fuel and simplify trading partner collaboration to answer customer demands.

**2:15 PM – 3:00 PM**



Theater D  
Exhibitor:  
*EnerSys*

### Stop Guessing - Start Modeling

See how advanced energy modeling software uses a customer's own operating information to visualize product and business scenarios, showing how solutions work in the real world, in real time.

**2:15 PM – 3:00 PM**



Theater H  
Exhibitor:  
*RightHand  
Robotics, Inc.*

### Robotic Piece-Picking: Is Your Warehouse Ready?

Learn about state-of-the-art robotic piece-picking technologies, why they are ready for prime time, and how you can leverage these automation tools to keep your operations competitive.

**2:15 PM – 3:00 PM**



Theater A  
Exhibitor:  
*Hannibal Industries,  
Inc.*

### Global Seismic Awareness across the Supply Chain

Join us to learn how to protect your supply chain facilities from the imminent threat of seismic activity.

**3:00 PM – 3:45 PM**



Theater C  
Exhibitor:  
*Lucas Systems,  
Inc.*

### Smartphones, Tablets, And The Mobile Revolution in DC Operations

Hear how new data capture and mobile technologies are revolutionizing DC operations, blurring the lines between RF and voice, and helping DCs get better results.

**3:00 PM – 3:45 PM**



Theater E  
Exhibitor:  
*DMW&H*

### Beyond Equipment - Solutions Based on Challenges Rather Than Products

Success is based on the solution. In this session, you'll learn through real-world case studies why it's important to focus on the challenge you are facing, not on specific equipment or hardware.

**3:00 PM – 3:45 PM**



Theater G  
Exhibitor:  
*Cimcorp Automation  
Ltd.*

### Automation - Because You're Worth It

L'Oreal joins Cimcorp to explain how it is embracing automation in order to improve operations, production and order quality.

**3:00 PM – 3:45 PM**



Theater I  
Exhibitor:  
*Blue Horseshoe*

### Step by Step Guide to Implementing the Supply Chain of the Future

No matter where you are on your supply chain journey, this presentation will give you an understanding of what is state of the art in software and MHE and how you can implement it in your company.

**3:00 PM – 3:45 PM**



Theater B  
Exhibitor:  
*Industry  
Group of  
MHI*

### OFF of MHI Presents: **Newest Order Fulfillment Pick, Pack & Ship Technologies at Promat**

The latest Pick, Pack & Ship Order Fulfillment technologies at Promat are detailed in 45 minutes. Free handout with technologies metrics and booth numbers will help maximize your valuable floor time.

**3:45 PM – 4:30 PM**



Theater D  
Exhibitor:  
*Rite-Hite*

### Safety and Security at Your Loading Dock: Know Your Risks and Take Control

Learn how to improve supply chain safety and security - as well as your bottom line.

**3:45 PM – 4:30 PM**



Theater F  
Exhibitor:  
*Intelligrated, Inc.*

### Lifecycle Management - Maximize your ROI

This seminar will examine lifecycle management best practices and the predictive maintenance model.

**3:45 PM – 4:30 PM**



Theater H  
Exhibitor:  
*Siggins*

### Problem Solving for the Modern DC

This session will cover common problems that every warehouse faces and offer recommendations to resolve them.

**3:45 PM – 4:30 PM**

## Tuesday, April 4, 2017



Theater A  
Exhibitor:  
*Peach State  
Integrated  
Technologies*

### Peeling the Onion and Cutting the Mustard: AS/RS Design and Justification in Food and Beverage

This seminar will review the options, the challenges and the opportunities these systems provide while addressing the ever important question of financial justification.

**10:30AM-11:15AM**



Theater C  
Exhibitor:  
*VARGO*

### Ecommerce Put Walls - Turn Time is Key to Flow

An overview of put-wall hardware, configurations, flow techniques to turn cubbies, and methods to packing a completed order.

**10:30 AM – 11:15 AM**



Theater E  
Exhibitor:  
*Daifuku North  
America Holding  
Company*

### Extend the Life of Your Aging Material Handling Assets

Implementing an engineering-based modernization approach can maximize savings and reduce risks.

**10:30 AM – 11:15 AM**



Theater I  
Exhibitor:  
*The Raymond  
Corporation*

### Mixed Powered Industrial Equipment Fleets: Many Have Them, Few Have Mastered Them

Many companies have mixed material handling equipment fleets, but few know how to best manage them. Learn how to streamline the management and maintenance of a mixed fleet with these best practices.

**10:30 AM – 11:15 AM**



Theater G  
Exhibitor:  
*enVista*

### OMS 101: Why Order Management is Key to Optimal Omni-Channel Execution & Fulfillment

In this session, attendees will hear actual use cases and learn how order management systems (OMS) integrate to existing systems.

**10:30 AM – 11:15 AM**



Theater B  
Exhibitor:  
*Softcon*

### How to Stay Ahead in Era of Dynamic Fulfillment Supply Chain with DOM

In ever changing business environments, how do you stay ahead in the market at the same time offering best quality of service consistently using DOM as catalyst for Supply Chain Execution Ecosystem.

**11:15 AM – 12:00 PM**



Theater D  
Exhibitor:  
*Barcoding Inc.*

### Identify Opportunities in Your Supply Chain Before They Become an Issue

It's important to understand that money flows back through the supply from the customers, so information is shared both ways through the supply chain.

**11:15 AM – 12:00 PM**



Theater F  
Exhibitor:  
*Solutions Group of MHI*

### ASG of MHI Presents: Promat's Advancements in Automation Review

Newest advancements in pick, pack & ship automation in a fast 45 minute review. Descriptions and easy metrics will be presented along with a location guide so you can learn more.

**11:15 AM – 12:00 PM**



Theater H  
Exhibitor:  
*Industry Group of MHI*

### CSS of MHI Presents: Sortation - Directing Product Traffic

Sortation: Directing Product Traffic is a great seminar for learning the basic practices of sortation material handling.

**11:15 AM – 12:00 PM**



Theater A  
Exhibitor:  
*Intelligrated, Inc.*

### 10 Steps to Improve Operational Efficiency

This seminar will provide 10 important steps operations can take to identify change indicators and ensure operational efficiency today and in the future.

**12:00 PM – 12:45 PM**



Theater C  
Exhibitor:  
*Bastian Solutions*

### WES - The Pathway to Same-Day Fulfillment

Learn more about the benefits of WES and how distribution center managers are using it to achieve same-day fulfillment.

**12:00 PM – 12:45 PM**



Theater G  
Exhibitor:  
*Yale Materials Handling Corporation*

### Robotic Lift Trucks: Where Do They Make Sense in Your DC?

Without tape, wire or magnets for navigation, robotic lift trucks can adapt just as fast as your operation. See how this technology executes critical applications and improves overall efficiency.

**12:00 PM – 12:45 PM**



Theater E  
Exhibitor:  
*Westfalia Technologies, Inc.*

### Preparing To Automate: How to Evaluate Your Operations

Learn steps to take before you embark on your automation project.

**12:00 PM – 12:45 PM**



Theater I  
Exhibitor:  
*Transbotics Corporation*

### Automatic Guided Vehicles (AGV): Elements & System Considerations

When considering the right type of AGV system for a specific application, a number of issues come into play.

**12:00 PM – 12:45 PM**



Theater B  
Exhibitor:  
*Industry Group of MHI*

### OFS of MHI Presents: Addressing Omni-Channel Through Intelligent Material Handling

MHI / Order Fulfillment Solutions

**12:45 PM – 1:30 PM**



Theater D  
Exhibitor:  
*SOTI Inc.*

### IoT and Supply Chain Management: Sense the Change, Respond and Adopt

Learn how to integrate IoT into your strategy to achieve a reduction in cost, increase worker productivity, and improve customer satisfaction.

**12:45 PM – 1:30 PM**



Theater F  
Exhibitor:  
*Manhattan Associates, Inc.*

### Labor Management: Redefined

Learn how traditional Labor Management can be expanded to provide a broader set of data to drive efficiency, throughput and improved employee satisfaction and productivity.

**12:45 PM – 1:30 PM**



Theater H  
Exhibitor:  
*LEWISBins+*

### On the Shop Floor: Designing Lean Workstations/Cells with Reusable Plastic Packaging

Reduce walk time and improve ergonomics with efficient workstation design.

**12:45 PM – 1:30 PM**



Theater A  
Exhibitor:  
*Jungheinrich/MCFA*

### Automate Your Warehouse: Advancements In Lift Truck Technology

Discover the latest lift truck technologies available today, from semi- to full- automation, and how you can implement this technology to increase your productivity by up to 25%.

**1:30 PM – 2:15 PM**



Theater G  
Exhibitor:  
*Kardex Remstar, LLC*

### The Evolution of Goods to Man Picking Solutions

In this seminar we will first review tried and true approaches to goods to man picking. We will then examine recent tote based technologies that are providing greater gains in productivity and speed.

**1:30 PM – 2:15 PM**



Theater C  
Exhibitor:  
*Commonwealth Supply Chain Advisors*

### Key Distribution Strategies of Top Omni-Channel Companies

Learn how top companies are mastering the omni-channel with strategies that enhance the customer experience while maximizing productivity in the distribution center.

**1:30 PM – 2:15 PM**



Theater E  
Exhibitor:  
*Swisslog Logistics, Inc.*

### Industry 4.0: There's a digital revolution headed for your warehouse. Are you ready?

Little about the way manufacturers and retailers operate their distribution centers will remain the same. Is your warehouse prepared for Industry 4.0?

**1:30 PM – 2:15 PM**



Theater I  
Exhibitor:  
*Zebra Technologies Corp.*

### Turning Big Data Into Useful Analytics

How can you turn the disparate data collected in your warehouse into information to help you drive better decision making and business outcomes? This session explores areas of big productivity gains.

**1:30 PM – 2:15 PM**



Theater B  
Exhibitor:  
*io-consultants L.P.*

### Flexible Goods-to-Man Automation - Where do I start?

io-consultants - Supply Chain Consulting Experts io-consultants helps warehousing, manufacturing, and distribution clients accomplish calculable business benefits.

**2:15 PM – 3:00 PM**



Theater D  
Exhibitor:  
*Open Sky Group*

### Successful and On Time WMS Implementations Using Agile-Based Methods

We'll cover what an Agile-based methodology is and how it differs from traditional methods, as well as how (and why) it works well for WMS implementations.

**2:15 PM – 3:00 PM**



Theater F  
Exhibitor:  
*MHI*

### Get Ready For The Next 10 Years in Material Handling and Logistics

This session will discuss the latest update on the U.S. Roadmap for Material Handling & Logistics. It will feature the latest developments in and future impact on the supply chain of workforce, technology, consumers and logistics infrastructure.

**2:15 PM – 3:00 PM**



Theater H  
Exhibitor:  
*I.D. Systems, Inc.*

### How the IoT is Enabling Safer Material Handling Operations

IoT technologies enable companies to improve the safety of their material handling employees, reduce the risk and cost of major safety incidents, reduce impacts and damage by 95%.

**2:15 PM – 3:00 PM**



Theater I  
Exhibitor:  
*Industry Group of MHI*

### ASRS of MHI Presents: Navigating Change in the Organization to Accommodate an ASRS

After you make the decision to implement an AS/RS, your job isn't over. Learn how to justify the project to finance, gain support of warehouse labor and sell senior management to ensure success.

**3:00 PM – 3:45 PM**



Theater A  
Exhibitor:  
*Dematic*

### Order Fulfillment Solutions for Low-Mid Capacity Application

Find out how pick, pack, and ship solutions, designed for small and medium size operations with low to mid rate order volumes, can allow your operation to succeed.

**3:00 PM – 3:45 PM**



Theater C  
Exhibitor:  
*PINC Solutions*

### Drones in the supply chain: It's not all about delivery

Learn how Industry leading organizations are tackling complex and specific supply chain challenges using this technology.

**3:00 PM – 3:45 PM**



Theater E  
Exhibitor:  
*WRH Global Americas Inc.*

### 3 Dimensional Conveying

Learn about 3 Dimensional conveying, buffering and sorting to open up space for added functions and optimization of throughput.

**3:00 PM – 3:45 PM**



Theater G  
Exhibitor:  
*TECSYS Inc.*

### Take Your Head Out of the Sand - Turn Supply Chain Risks into Competitive Weapons

How can you start preparing today to become much more risk tolerant than your competitors and therefore be able to thrive as risks increase around you?

**3:00 PM – 3:45 PM**



Theater B  
Exhibitor:  
*EnerSys*

### 4 Keys to Successful Battery Operations Management

Before you invest in data reporting, come learn what it really takes to achieve sustainable, efficient and profitable lift truck battery operations.

**3:45 PM – 4:30 PM**



Theater D  
Exhibitor:  
*RMI*

### RMI of MHI Presents: Considerations for the Planning and Use of Industrial Steel Storage Racks

The objective of this seminar is to expose participants to the latest racking technologies available and how to make the best assessment for their facility.

**3:45 PM – 4:30 PM**



Theater F  
Exhibitor:  
*MHI*

### MHI Presents Closing the Skills Gap: Innovative Talent Solutions for a Changing Workforce

This talk shows how to prioritize talent-related risks, identify the seven talent problems that kill profits, and how to accelerate knowledge transfer in the multi-generational workplace.

**3:45 PM – 4:30 PM**



Theater H  
Exhibitor:  
*Kuecker Logistics Group*

### How to Develop Modular, Scalable and Flexible Operations Solutions

Learn how a robust WES/WCS solution can be designed to give the visibility, control and flexibility needed to run a 21st century facility.

**3:45 PM – 4:30 PM**



Theater A  
Exhibitor:  
CSS

## CSS of MHI Presents: Introduction to Conveyors

Introduction to Conveyors is a great seminar for those wanting to learn more about the material handling and conveyor industry.

10:30 AM – 11:15 AM



Theater H  
Exhibitor:  
Honeywell Scanning  
& Mobility

## Achieving Maximum Levels of Safety & Productivity

Learn how to achieve greater levels of safety and productivity in today's higher velocity supply chain.

11:15 AM – 12:00 PM



Theater C  
Exhibitor:  
ASG

## ASG of MHI Presents: A Fork in the Road: Distribution Paths for a Digital World

We will explore the three most important questions to ask and provide insights and perspective into their answers.

10:30 AM – 11:15 AM



Theater A  
Exhibitor:  
Alien Technology

## The Role of RFID in the IDENTIFICATION of Things

The session will explain the current state of the RFID market with focus on the role of labels and integrated smart packaging.

12:00 PM – 12:45 PM



Theater E  
Exhibitor:  
Pcdata USA

## Re-Thinking Automation

Learn the key considerations and available options when developing a holistic approach to warehouse automation and selecting a system that delivers to specification, and within budget.

10:30 AM – 11:15 AM



Theater C  
Exhibitor:  
TVH Parts Co.

## Parts Professional

Those attending this seminar will learn more about industry specific topics geared toward the dealership and how to run a successful parts department.

12:00 PM – 12:45 PM



Theater G  
Exhibitor:  
The Raymond  
Corporation

## Equipment Selection for Maximum Storage Density

Growing demands are pushing warehouses to their bursting point. Learn how to alleviate the pressure with these considerations for improved storage density.

10:30 AM – 11:15 AM



Theater E  
Exhibitor:  
Solutions  
Group of MHI

## ISSG of MHI Presents: Using Metrics & SC Systems to Drive Performance Improvement

This session will deliver info you need to launch or turbo-charge your current KPI-based performance management program and optimize the return on investment with a 21st century WMS, LMS or TMS.

12:00 PM – 12:45 PM



Theater I  
Exhibitor:  
Lucas Systems, Inc.

## Reinventing Your DC Without Replacing Your WMS

Hear how "smart" mobile applications and new visibility tools have transformed work for managers and hourly employees alike.

10:30 AM – 11:15 AM



Theater G  
Exhibitor:  
TZA

## Leading Your Workforce to the Next Level of Performance

A panel of supply chain executives detail how using labor management technology and practices has improved DC performance by turning average performers into rock stars and supervisors into coaches.

12:00 PM – 12:45 PM



Theater B  
Exhibitor:  
Vanderlande  
Industries, Inc.

## How Robots Can Improve the Efficiency of your Supply Chain

This seminar will not only explain how your processes will be optimized by the use of robots, but will also show the importance of flexible software.

11:15 AM – 12:00 PM



Theater I  
Exhibitor:  
Yale Materials  
Handling  
Corporation

## IoT - Leveraging Big Data to Enhance Your Operation and Drive Labor Productivity

What do big data and the internet of things really mean for your materials handling operation? Attend this seminar to see the current applications of these concepts as well as future opportunities.

12:00 PM – 12:45 PM



Theater D  
Exhibitor:  
Industry Group  
of MHI

## RMI of MHI Presents: Resources and Frequently Asked Questions

In this session, participants will learn about RMI and its work on the ANSI MH16.1 specification. A review of important FAQ's will also be included.

11:15 AM – 12:00 PM



Theater B  
Exhibitor:  
VanRiet Material  
Handling Systems  
BV

## Maximize Your Sorting Capacity: What Can Shoe Sorter Solutions Mean for You

Optimize your process with shoe sorter technology: understand when a shoe sorter is interesting for your business and learn everything about its possibilities during two case studies.

2:15 PM – 3:00 PM



Theater F  
Exhibitor:  
Manhattan  
Associates, Inc.

## Order Streaming: A New Take on Fulfillment

By moving from traditional wave-based fulfillment to a more fluid approach, you can improve three key fulfillment metrics.

11:15 AM – 12:00 PM



Theater D  
Exhibitor:  
*Retrotech Inc.*

### Strategic Modernizations and Industry 4.0 Can Change Your Views and Redefine ROI to ROI3

Learn what drivers need to be defined: unsatisfactory service, safety issues, obsolete equipment, performance issues, or business changes.

2:15 PM – 3:00 PM



Theater F  
Exhibitor:  
*Speech Interface Design, Inc.*

### How Parksite Voice-Enabled all of its Workflows in all of its DCs to Drive Bottom-Line Results

Jim Coulter will describe how he led a transition from the use of RF barcode scanners to a Voice-directed with scanning solution in the company's 9 distribution centers.

2:15 PM – 3:00 PM



Theater H  
Exhibitor:  
*SDI*

### Fulfilling the Consumer's Dream in the Buy Anywhere, Anytime Environment

In this case study, we explore common challenges and strategic approaches found by retailers when dealing with e-commerce.

2:15 PM – 3:00 PM



Theater A  
Exhibitor:  
*Jungheinrich/MCFA*

### Order Picking Solutions For Managing Increased SKUs

Learn how to evaluate your warehouse and discover best picking practices to keep up with the explosion of stock keeping units (SKUs).

3:00 PM – 3:45 PM



Theater C  
Exhibitor:  
*Miebach Consulting Inc.*

### Designing the Ideal Supply Chain of the Future

Learn how strategic business plans impact future production and distribution networks, structure, member of facilities, and locations.

3:00 PM – 3:45 PM



Theater E  
Exhibitor:  
*Topper Industrial*

### Why the Fork Truck Free Movement is the North American 2017 Material Handling Trend

This seminar will provide an understanding into what is driving the North American supply chain to go fork truck free in 2016-2017.

3:00 PM – 3:45 PM



Theater G  
Exhibitor:  
*Egemin Automation Inc.*

### No School like the Old School: How AGV technology Continues to be a Viable Component in Effective Material Handling Automation Solutions

While many look at AGVs as an "old" or even "dead" technology, they are very much alive and offer many ways of providing quick and effective material handling automation results.

3:00 PM – 3:45 PM



Theater I  
Exhibitor:  
*QSSI (Quality Software Systems, Inc.)*

### WMS Success: People, Product and Process are Not Equal

Important sounding buzz words can easily distract you when comparing Warehouse Management Systems. Learn what really contributes to a successful implementation and long term satisfaction.

3:00 PM – 3:45 PM



Theater B  
Exhibitor:  
*Integral Strategic Solutions*

### 21st Century Warehouse and IT

The future of efficiency in modern distribution networks is predicated on your company's ability to build a flexible, scalable, and technologically integrated warehouse.

3:45 PM – 4:30 PM



Theater D  
Exhibitor:  
*Sealed Air Corporation*

### Bubble Wrap, Big Data, and Brain Scans: The Packaging Trends of Tomorrow and How to Be Ready For Them

Sealed Air Product Care President Ken Chrisman looks ahead to the trends and economic factors that are shaping the future of packaging, and shares what the businesses of today need to do to prepare.

3:45 PM – 4:30 PM



Theater H  
Exhibitor:  
*Conveyco Technologies, Inc.*

### Automate Your Way to Improved Retail Compliance and Eliminate Customer Chargebacks

Learn how automation can be applied to create error free orders while reducing labor and chargeback costs.

3:45 PM – 4:30 PM

## Thursday, April 6, 2017



Theater A  
Exhibitor:  
*Industry Group of MHI*

### Until Automation Does it all ... Do Something NOW! Optimize your Most Valuable Alternative – Your People

This session discusses why companies are reluctant to fully automate, why people may often be a better choice and how companies have modified their workplace.

10:30 AM – 11:15 AM



Theater C  
Exhibitor:  
*Speech Interface Design, Inc.*

### How Parksite Voice-Enabled all of its Workflows in all of its DCs to Drive Bottom-Line Results

Jim Coulter will describe how he led a transition from the use of RF barcode scanners to a Voice-directed with scanning solution in the company's 9 distribution centers.

10:30 AM – 11:15 AM

Thursday, April 6, 2017



Theater E  
Exhibitor:  
VARGO™

#### Ecommerce Put Walls - Turn Time is Key to Flow

An overview of put-wall hardware, configurations, flow techniques to turn cubbies, and methods to packing a completed order.

10:30 AM – 11:15 AM



Theater G  
Exhibitor:  
Dematic

#### Optimizing Your Supply Chain with Advanced Analytics

In this session, software leaders will explain how they are using data analytics to help customers understand what is happening within their distribution centers.

10:30 AM – 11:15 AM



Theater I  
Exhibitor:  
Miebach  
Consulting Inc.

#### Designing the Ideal Supply Chain of the Future

Learn how strategic business plans impact future production and distribution networks, structure, member of facilities, and locations.

10:30 AM – 11:15 AM



Theater B  
Exhibitor:  
Dematic

#### Order Fulfillment Solutions for Low-Mid Capacity Application

Find out how pick, pack, and ship solutions, designed for small and medium size operations with low to mid rate order volumes, can allow your operation to succeed.

11:15 AM – 12:00 PM



Theater H  
Exhibitor:  
Solutions  
Group of  
MHI

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Exhibitor:  
SDI

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In this case study, we explore common and strategic approaches found by retailers when dealing with e-commerce.

11:15 AM – 12:00 PM



Theater A  
Exhibitor:  
The Raymond  
Corporation

#### Equipment Selection for Maximum Storage Density

Growing demands are pushing warehouses to their bursting point. Learn how to alleviate the pressure with these considerations for improved storage density.

12:00 PM – 12:45 PM

# THE RIGHT PLACE. THE RIGHT TIME. THE RIGHT PEOPLE.

## SOLVING FOR “X” DOESN'T GET ANY EASIER.

ProMat is an ideal place to connect with peers and solution providers from across the US and over 110 countries around the world. As an attendee, you can expect to connect and exchange ideas with key contacts including:

- C- and VP-level manufacturing, distribution, logistics and supply chain executives
- Manufacturing and production managers
- Industrial engineers, plant engineers and manufacturing engineers
- IT, logistics and supply chain directors
- Third-party logistics professionals
- Distribution center and warehousing managers
- Procurement professionals



Located in the middle of the ProMat 2017 show floor, The Hub is an interactive resource center that offers multiple informational and networking opportunities for ProMat visitors. The Hub will feature several major attractions that will guide you through your ProMat experience while being a destination in itself. Hub attractions include:

- A social networking lounge and wireless Internet center
- Powered by MHI Informational Center
- MODEX 2018 Informational Center
- MHI 2017 Innovation Award nominee information

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## ONE BADGE. TWO SHOWS.

When you attend ProMat 2017, you will also get access to Automate 2017, the leading robotics, machine vision, and motion-control event in the industry, which will be collocated with ProMat at McCormick Place.

Going to both shows gives you a more well-rounded understanding about the industry and where it's headed, with a special focus on supply chain automation. Not only will you leave with insight about the future, you'll take home something even more valuable: an advantage over your competitors.



## FIND WHAT'S NEXT. SOLVE FOR YOUR "X."

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- Free access to Keynotes
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- Free Automate 2017 show admission



At MHI, our first and only priority is giving supply chain professionals access to the solutions they need to be successful. For more than 70 years, we've been staging trade events in pursuit of this goal. Today, both MODEX and ProMat are widely considered the industry's premier "must-attend" manufacturing and supply chain events.



## 2017 Show Hours

Monday, April 3 10AM - 5PM

Tuesday, April 4 10AM - 5PM

Wednesday, April 5 10AM - 5PM

Thursday, April 6 10AM - 3PM

### FOR ADDITIONAL HELP AND INFORMATION:

Call from the US & Canada toll-free at 1-800-446-2622.

Call from anywhere else at 704-676-1186.

Email us at [customerservice@ProMatShow.com](mailto:customerservice@ProMatShow.com).

## ProMat 2017 Hotels

ProMat 2017 attendees get discount rates at select hotels in the Chicago area. See below for more information. These hotels also offer free shuttle service to McCormick Place during the show. Visit [ProMatShow.com/hotels](http://ProMatShow.com/hotels) to learn more.

**Learn more and register for free admission at [ProMatShow.com](http://ProMatShow.com).**