

Join us for a technology showcase and workshop

Smart Manufacturing

**Tuesday
Nov. 19th**
9:00 AM- 2:00 PM



It's time to harness smart manufacturing for your automation projects!

The benefits of smart technologies are immense. To help you gain insight into their value and determine the best way to incorporate them, we're inviting you to come and see several powerful smart manufacturing solutions in action. These include:

- Mobile and collaborative robots
- Machine vision and traceability solutions
- Motion and control components
- Machine automation systems
- Machine safety solutions

Our application experts will be available for individual consultations and demos during the showcase expo hours. Please feel free to bring your own parts or labels for testing.

Tuesday, November 19th, 9:00 AM – 2:00 PM

Innovative-IDM Houston Training Room, (Beltway @ 249)

13770 Hollister Rd., Ste 100, Houston, Texas 77086

Who can benefit from smart technologies?

Manufacturing engineers, PLC professionals, automation specialists and project managers, manufacturing operation and maintenance managers, and safety and EHS specialists

are among the professionals best positioned to take advantage of these solutions.

The seminar is free but spaces are limited.

Register at <https://innovative-houston.eventbrite.com>

Free admission | Interactive demos | Learning session | Complimentary coffee and lunch buffet

Innovative-IDM | 877.906.2100 | marketing@iidm.com

Smart Manufacturing showcase and workshop

Tuesday
Nov. 19th
9:00 AM - 2:00 PM

Agenda

Mobile and collaborative robots

- Discover capabilities of collaborative and mobile robots.
- Understand how the robotic technology can be applied in your manufacturing operations and integrated within your automation infrastructure.
- Test out the incredibly intuitive programming capabilities of the Omron TM Collaborative Robot.

Machine vision and traceability solutions

- Get exposed to a variety of machine vision tools, from the most compact high-performance MicroHAWK smart cameras to the extremely fast and flexible FH vision system
- Discuss your custom application and specific requirements with industry experts.
- Bring your labels and direct part marks to test out the extensive capabilities of our barcode readers that can decoding symbols with Wan x-dimension as small as 2 mil (0.0508 mm) – barely visible to the naked eye.

Machine safety solutions

- Talk to our safety specialists about the latest machine safety technology advancements and take the opportunity to sign up for a complimentary full-day training class on machine safety.

Machine automation systems

- Watch our demo of the fully integrated Sysmac automation platform that provides complete control and management of an automated system. The demo will feature several Omron machine controllers that offer synchronous control of all machine devices and advanced functionality such as motion, robotics and database connectivity. Discuss ways to simplify solution architecture, reduce programming and optimize productivity with our Sysmac experts.

Motion and control

- Almost any industrial facility is likely to have a motor driving its conveyors, fans, compressors, pumps and other devices. Monitoring this critical technology is key. Learn about the Omron technology that continuously monitors your motors and alerts you to potential degradation well ahead of time.

Technology workshop:

Reliable and cost-effective
approach for managing machine
data in real-time

10:00 AM - 12:00 PM

Leveraging network architecture to optimize data collection

Sharing data from the plant floor efficiently with

- OPC UA
- SQL Server embedded in the PLC

Edge machine learning capabilities with Omron's Sysmac AI Controller

Lunch and refreshments:

12:00 PM - 1:00 PM

Register at <https://innovative-houston.eventbrite.com>.

For questions, please call marketing@iidm.com or call 877.906.2100.