



BERTELKAMP AUTOMATION'S TECHNOLOGY EXPO

Thursday, October 3rd
10:00 am to 3:00 pm - Lunch Included

[REGISTER TO ATTEND](#)

FEATURED TECHNOLOGIES:



Robot Palletizing



3D Bin Picking



Cobot Welding

Our Key Vendor
Partners will be
On-hand:



You can also meet with
Industry Experts from
these Technology

**We will be conducting three "Tech Talks"
throughout the day:**

- **10:30 am - Robotic Trends and Technologies**

Application, Selection, and Deployment of Industrial Robots & Cobots emphasizing the integration of advanced technologies such as Adaptive grippers, Vision and Force Sensing as well as solution packages for Palletizing, Machine Tending, Welding, and Educational use.

- **11:15 am - "The Future of Industrial Networking: Harnessing Mitsubishi's TSN Technology"**

This tech talk will delve into the evolving landscape of industrial networking, with a focus on Mitsubishi's innovative Time-Sensitive Networking (TSN) technology. Attendees will learn how Mitsubishi TSN enables real-time, deterministic communication critical for advanced automation and IIoT applications. We will explore its seamless integration with existing Ethernet infrastructures, improved synchronization, and ability to handle large-scale industrial data while ensuring low latency. Through practical examples and case studies, the session will showcase how Mitsubishi's TSN network outperforms traditional systems, driving efficiency and flexibility in modern industrial environments.

- **1:00 pm - "Maximizing Automation: A Look at**

Partners:

FESTO
80/20® Inc.

WAGO
INNOVATIVE CONNECTIONS

IAI
Quality and Innovation

LinMot
DORNER

Telit

SCHMERSAL

Advanced Compact PLC Solutions and Integration Strategies"

In this tech talk, we will look at advanced compact PLC hardware, focusing on its design, features, and capabilities. We'll examine how the Mitsubishi iQ-F compact controllers deliver powerful performance and flexibility in a small form factor, making them ideal for various industrial automation tasks.

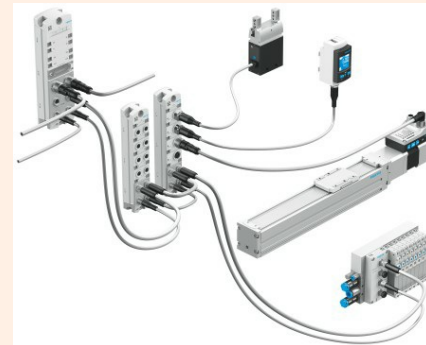
The session will also cover practical aspects of integrating these compact PLCs with technologies from other vendors. Through real-world examples, we will demonstrate how to connect these PLCs with a range of external devices and systems, such as robots, vision inspection tools, and material handling technology. You'll learn about best practices for achieving compatibility, optimizing system performance, and overcoming common integration challenges.

Modular Remote I/O System CPX-AP-A The Automation Platform for real-time performance

Festo's Automation Platform connects remote I/O and valve terminals and helps to increase your efficiency, reduce costs and improve the overall performance of your automation solutions.

Seamless connectivity allows you to freely combine remote I/O systems with electric and pneumatic automation. This modular and highly flexible I/O system allows for stand-alone remote I/O or with directly attached valve terminals as well as IO-Link connectivity.

FESTO



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Increase Productivity with Human-Robot Collaboration A truly industrial collaborative robot

Mitsubishi Electric's ASSISTA is an industrial-grade robot that offers maximum safety and durability in applications where human operators are present.

Cutting-edge servo technology allows ASSISTA to be compact and slim, giving mechanical designers greater flexibility on where and how the cobot can be used. Movements for the cobot can be taught and recorded via a dedicated control panel on the cobot's arm, doing away with conventional teach pendants and enabling even inexperienced users to set up the system with ease.

MITSUBISHI ELECTRIC



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Secure Operational Networks for Industrial Automation Enables remote access, maintenance, and data collection

TOSIBOX® enables secure remote connection for collecting data and remote maintenance of industrial automation equipment. With TOSIBOX®, you can use the same network configuration each and every time instead of spending hours

TOSIBOX®

fixing separate network properties for every location. The configuration can be automated so that the whole deployment takes place in only 15 seconds.

You can easily grant various levels of access to own technicians, subcontractors or customers outside your network, simply by drag and drop.



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Asyri Flexible Feeder Systems

One unit, numerous applications

The Flexible Feeder System solution handles a wide range of part sizes and geometries. The integrated control provides fully adjustable vibration magnitude, giving you control of part movement and speed. Active feedback from the table to controller automatically adjusts vibration frequency based on the weight applied to the recirculating table.

- Compatible with all part geometries
- Minimum production changeover times
- Extremely gentle part handling with minimal abrasion
- No compressed air needed

asyri



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