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## IAS Is Your Integrator

- :: Flexible Automation
- :: Reduced Labor Cost
- :: Increased Production Capacity
- :: Diverse Applications

## Robotics Are Your Solution

- :: Quick ROI
- :: Excellent Reliability
- :: Unlimited Applications
- :: Full Range of Configurations

Robotic Cells

Learn more on how you can benefit from our comprehensive automation services...



Vision Systems



Manufacturing Execution Systems



IAS Automation



Project Management



# YOUR PATH TO SUCCESS

Automation systems commonly involve the handling of material and products, assembly, machine tending, and product inspection tasks. Robots are a key enabling technology of an automation system employed to fulfill these aspects of manufacturing processes. At IAS we make the best use of all automation equipment available and robot systems are an integral part of our solution playbook. A robotic automation system integrated by IAS will help you realize your goals and reduce your production costs.

## :: Machine Tending -----

- :: Exchanging Tools
- :: Loading/Unloading

## :: Inspection -----

- :: Measurement
- :: Pass/Fail

## :: Sorting -----

- :: Feeding
- :: Placing

## :: Bin Picking / Random ---

- :: Location/Orientation
- :: Stacking

## :: Assembly -----

- :: Dexterity
- :: Force Sensing

- :: Increased Safety
- :: Improved Quality

- :: Decreased Labor Cost
- :: Added Flexibility

- :: Increased Product Yield
- :: Quicker Response Time

- :: Energy Efficient
- :: Reduced Waste

## Robotics and the Enterprise

Unifying manufacturing process operations through a MES/MOM system will greatly improve your efficiencies. At IAS we understand the value in integrating business systems with manufacturing through both custom software development and leveraging of existing system data to enable the communication link. Through OPC communications and other industry standard interfaces IAS helps you achieve integrated operations.

### Benefits Include:

- :: Decreased Changeover Time
- :: Modularize Recipes – Enables CTO
- :: Increased Flexibility
- :: Data Collection/Product Tracking
- :: Standardized Communications

### Vision Integration

Vision systems integrated with robotics enable a vast array of possibilities. IAS' partnership as ASVI's for SICK Vision Systems facilitates automation of many processes once regarded as outside the realm of possibility. The more sophisticated the vision application the greater impact on the automation efficiency. The benefits to your operations are realized through faster assembly, significantly lower error rates, minimized tooling and fixturing, and decreased setup and fine adjustment time.

## The IAS Vision

At IAS we are able to provide our customers with the best solution to their robotic automation needs through our extensive experience in working with all types of robotic models and applications. When an out-of-the-box offering does not meet your unique automation needs, IAS can provide you with a premier solution using our custom robotics capabilities. We continue to educate ourselves so that our customers know that they are always getting the cutting-edge solution to their robotic automation needs. IAS has successfully completed a wide range of applications across multiple industry segments including:

- :: Food & Beverage
- :: Discrete Manufacturing
- :: Coating/Finishing
- :: Water/Waste Water
- :: Packaging
- :: Textile/Fiber
- :: Material Handling
- :: Metals/Thermoform

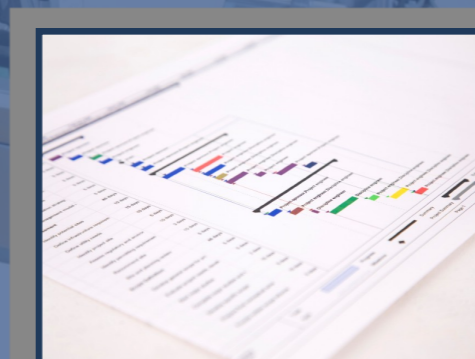


## Adding Value Through Flexible Automation

The market demands dictate flexibility and responsiveness to changing needs, and the better equipped your company is with flexible automation systems the easier it is to react to these changes and maximize your efficiency. For many companies integrating a robotic system to assist in production is a vital step in becoming a more flexible, capable, and competitive firm. Robot systems designed and deployed by IAS are versatile and can be implemented into a countless variety of processes across many industries. Contact IAS today and find out how we can provide you with the best automation solution for your competitive challenges.

### Flexible Automation Featuring:

- :: Minimal Setup Time
- :: Simplified Project Transition
- :: Versatility - Re-Deployment
- :: Quick EOAT Changeover
- :: Auto Product ID/ Recipe Selection



### Project Management

A successful project in any discipline depends on many factors including employing the best project management practices throughout a project's lifecycle. Automation and software development benefit from making project management an integral part of the overall initiative to achieve successful results.

- :: Planning and Scope Definition
- :: Project Risk Assessment and Management
- :: Implementation Execution and Control
- :: Closure and Handoff/Support