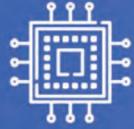


# WHY CHOOSE US?

Advanced Solutions & Controls, LLC.

## ADVANCED SOLUTIONS & CONTROLS, LLC.

Automation, Controls & Robotics, Systems Integration, Custom Solutions Engineering, IOT



### ADVANCED TECHNOLOGY

Through leveraging state of the art technology, ASC delivers proven solutions for even the most complex of designs for automation, controls, robotics and custom engineering.



### SYSTEMS INTERGRATION

ASC provides systems integration across a broad spectrum of industries, applications, and functions. Proven methods ensure sophisticated, reliable, and complete automated machine control. Hardware specifications, HMI integration, testing, and training are all part of our turn key solution.



### CERTIFIED ENGINEERS

ASC and staff hold multiple certifications. These certifications ensure quality product designs to meet customer needs. These certifications include both UL and CE and meet EPRI requirements for the nuclear sector.

Advanced Solutions & Controls



Advanced Solutions & Controls

 **CALL US NOW 937-865-2592**

 **www.as-controls.com**

 **sales@as-controls.com**



**Turn Key service**



**Project Management**



**Products Design**



**Manufacturing of products and installation**

# ABOUT US

Advanced Solutions & Controls LLC was founded by Christopher Hurst, who currently serves as the company's Chief Operating Officer and Chief Engineer. ASC provides state of the art solutions to complex engineering projects leveraging over 20 years of custom engineering experience. By continually investing in people, technology and processes; ASC delivers robust end to end solutions.

Projects are managed through a partnership approach that ensures alignment between problem, vision and solution. Our proven and proprietary methods deliver robust and long-lasting solutions backed by industry leading technology. From start to finish, all custom automation solutions are designed, built, tested, and supported by ASC. Our team of engineers expertly deliver custom control panels, automation solutions, integration, troubleshooting, retrofitting, PLC programming, installation, startups, and commissioning of cutting edge turn-key automation systems. We work with original equipment manufacturers (OEM's) from around the world. If it has to do with automation, we do it!



# TURN KEY SERVICE

## Robotic Solutions

ASC evaluates every project in order to integrate the most robust robotic technology for each application. Our controls engineering team delivers the experience and expertise to successfully recommend, implement and program the optimal robotic package for multiple industries. Robotic solutions enable market differentiation for customers, and enable state of the art advancements.

## Custom Machine Design and Fabrication

ASC utilizes over 20 years of custom machine design and fabrication experience in order to provide robust and modernized solutions. Complex design requirements are second nature and expediency surpasses that of most custom engineering firms. ASC leverages industry leading collaborators, delivering state of the art machine designs and fabrication solution.

## Industrial Controls & Panel Building

Panels are designed with specific operational goals in mind. Industrial Controls are second nature to the ASC design team, allowing for state of the art integration and upgrade solutions. ASC has an intense focus on safety, accuracy, value, and reliability. The design team provides factory acceptance test services based on customized FAT documents developed specifically for each application.

## Intergrated IoT

Through IOT (Internet of Things) solutions, ASC offers state of the art systems integration. IoT not only streamlines operations and increases efficiencies, but also allows for solution management and oversight. By leveraging contemporary analytics, customers are able to remotely monitor their robust systems and solutions. ASC utilizes customizable platforms in order to deliver a valuable and data driven end user experience.



# Project Management



ASC delivers comprehensive project management that ensures that every solution is coordinated from first design through completion. ASC focuses on clearly communicating timelines, deliverables, and efficiencies while ensuring that all client and third party requirements are clearly and concisely communicated and executed. Regularly scheduled progress updates are a routine part of each solution and are clearly outlined at the onset of each project.

# Products Design



ASC utilizes state of the art technology and processes in order to design a wide array of solutions for the aerospace, automotive, industrial, private and public sectors. With an innovative approach to solutions, each project is designed with the customer's best interest in mind. ASC utilizes only robust, proven OEM components and provides technological integration on most solutions. Solutions are backed by UL and CE Certifications, and are designed by our certified engineering staff.

# Manufacturing of products and installation



Our custom solutions are designed, detailed, built and programmed in-house. The design and time to manufacture depends heavily on the complexity of each project, but an open communication policy means clients are updated every step of the way. ASC coordinates installations and utilizes over two decades of experience in a multitude of industries. This gives our clients the ability to single source even the most challenging of installations and solutions. To ensure best performance, our machines undergo rigorous testing and analysis before they are released to production. We conduct comprehensive acceptance testing at ASC, and at our client's facility.