



## Cutting-Edge, Turnkey Industrial Automation Solutions

Southern Industrial Constructors (SIC) offers state-of-the-art automation solutions that help bring total process integration and increased efficiency to virtually any industrial application. We offer custom, turnkey applications, including design, installation, programming, mapping, maintenance, and support.

Whether you need to reduce production line cycle time, install an entire warehouse management system, or incorporate a fleet of material handling robots, SIC has the skills and resources to make your vision a reality.

### Expertise in a range of manufacturing, process, and power industries:

- » Aerospace
- » Aggregates and minerals
- » Asphalt, concrete, cement, and ceramics
- » Automotive
- » Building materials
- » Chemicals
- » Cosmetics
- » Electric vehicles and batteries
- » Environmental/pollution control
- » Food, beverage, and tobacco
- » Glass, fiberglass, and fiber optics
- » Microelectronics and semiconductors
- » Pharmaceuticals and biotechnology
- » Plastics and film
- » Power generation, cogeneration, and alternative energy
- » Pulp and paper
- » Steel and metals
- » Textiles, nonwovens, and synthetic fibers
- » Tire and rubber
- » Wire and cable

### Seamless Integration from Experienced Professionals

You can count on our team to integrate a wide variety of custom automation technologies as seamlessly as possible. We have experience working with a range of specialized applications suited for the unique needs of even the most complex manufacturing processes.

And, as a merit shop and multi-discipline/multi-craft industrial constructor, we self-perform a full scope of turnkey services.

### Modernizing Processes with Industry 4.0

We offer a variety of control, automation, and robotics solutions that evaluate data and analytics to help track processes, correct for efficiency, increase throughput, and decrease scrap. These Industry 4.0 technologies include:

- » Supervisory control and data acquisition and distributed control systems solutions
  - Wonderware
  - Ignition
  - FactoryTalk
  - Customized solutions and application specific software
- » Programmable logic controller and human machine interface programming
  - Allen Bradley
  - Siemens
  - Omron
  - Mitsubishi
  - And many more
- » Robotics
  - Integration, programming, and support
  - End-of-arm tooling, design, and testing
  - Fanuc
  - Kuka
  - Motoman
  - ABB
- » Electrical controls support/integration
  - Panel layout design and component sourcing
  - Programming and upgrades for obsolete systems and controls
  - Turnkey, onsite panel building services

### The Latest in AGVs and SDVs

Automatic guided vehicles (AGVs) and self-driving vehicles (SDVs) are among our most popular and effective solutions. These automated precision vehicles help to reduce product damage, facilitate cost-effective material movement, and open up additional workspace. Simultaneously, they promote worker safety by minimizing the need for certain high-risk tasks.