



# CONTROLBLOX

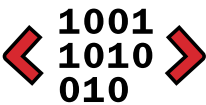


[mhsglobal.com](http://mhsglobal.com)

# Quality, efficiency and adaptability with single-source **CONTROL SOLUTIONS**

You need an efficient, easily scalable controls solution that maximizes top-line benefit of integrated systems – not disconnected islands of automation. MHS combines the design approach, expertise and production capability to provide turnkey controls ready to grow with even the most sophisticated systems, no matter the equipment – from sortation and conveyor to AS/RS, palletizing and more.

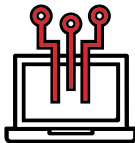
ControlBlox is our unique approach to system control, design, installation and commissioning. Instead of a traditional central control panel, we use a modular, distributed architecture designed to:



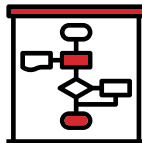
**Make customization easy**



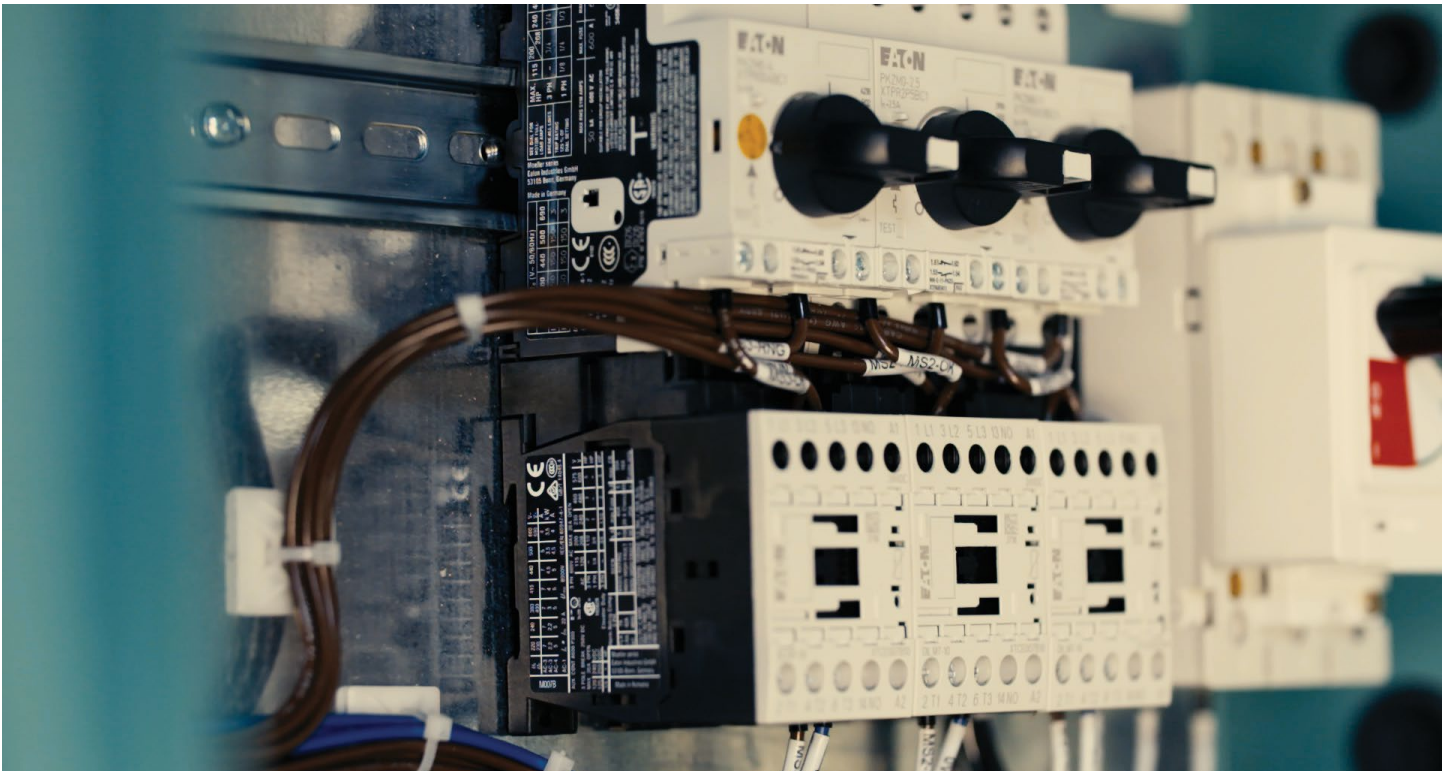
**Reduce overall cost of ownership**



**Get up and running faster**



**Get a framework that grows with you**



## CONTROLBLOX

Central panels and messy, long runs of wiring? Not here. ControlBloX, the distributed controls architecture from MHS, uses a localized, modular design that distributes I/O and motor control throughout the facility. Reduce your total cost of ownership with less design time, fewer materials, faster installation, reduced downtime and a host of other benefits.

- **Modular** – Easy to customize and adapt to specific requirements, fast to install, safer to maintain and simple to expand, reconfigure or incorporate in new projects. Installation and commissioning can start earlier while other areas are still ongoing, and this phased approach avoids the need for temporary controls through system rollout.
- **Pre-engineered and pre-built** – Can be rapidly deployed with the shortest lead times in the industry, accommodate changes with little-to-no impact on timeline and help reduce overall cost. Overall system can keep running while certain sections are modified or expanded, and expansion simply requires plugging in another panel.
- **Localized connections** – Enable safer, simpler and faster maintenance, while making issues easier to detect and troubleshoot in the first place. High and low voltage components are housed separately for safer service and troubleshooting. A single panel distributes power to remote motor boxes, all other connections and communications are localized and confined to a limited area around each module.



## PANEL FABRICATION

MHS has extensive experience engineering, designing and fabricating control panels – enabling us to provide complete solutions with minimal subcontracting.

- **Simple vendor management** – MHS builds all control panels in-house, handling wiring and fabrication.
- **Broad compatibility** – Tailored to your organization’s standard, with a successful track record supporting Rockwell, Siemens, Schneider Electric and more.
- **Standards compliant** – MHS is a UL-compliant panel fabricator certified to build panels compliant with CE guidelines. All NFPA, NEC, and CSA codes and guidelines are followed.

## ABOUT MHS

Founded in 1999, MHS Global is a full-service provider of innovative material handling systems that solve the challenges of distribution and fulfillment operations. We take a comprehensive, customer-centric approach that includes custom engineering, design, manufacturing and turnkey integration services. Our quality solutions leverage a broad range of controls and automated equipment, including but not limited to sorters, conveyors, extendable loading and unloading systems. We provide complete, responsive support to maintain systems for peak performance, with predictive analytics and local technicians to maximize long-term value and return on investment.

MHS has a global installed base of over \$6.5 billion for small to large projects in a variety of industries, including e-commerce, distribution and fulfillment, parcel, third party logistics and outside integrators.



+1.502.636.0690  
info@mhsglobal.com  
mhsglobal.com