

# MANUFACTURING AUTOMATION SYSTEM

DESIGN & INTEGRATION



**AUTOMATION SOLUTIONS LLC**  
REDUCE.INNOVATE.OPTIMIZE

# OUR MISSION

REDUCE.  
INNOVATE.  
OPTIMIZE.

We exist because we believe all companies deserve access to cutting-edge technology, regardless of size. We help **REDUCE** costs and stress by creating **INNOVATIVE** solutions that **OPTIMIZE** results.

## Make the Brains of your Machines Work Smarter

Our expert engineers, electricians, CAD designers, PLC programmers, and panel builders use the latest technology to upgrade, improve, and integrate your control systems with existing business systems.

## Innovative Expertise Helps

- Increase productivity
- Achieve cost savings
- Minimize waste and downtime
- Increase safety





# ABOUT AUTOMATION SOLUTIONS

Founded by electrical industry veterans in 2011, Automation Solutions specializes in design, building, and programming industrial automation and control systems. In 2015, Automation Solutions quickly outgrew rented space and moved to its current location in a Germantown, Wisconsin industrial park. The facility has become home to a UL508A panel shop and a growing team of high-quality engineers, electricians, and control panel experts.

From Wisconsin based manufacturers to international projects, our client work has expanded across a variety of industrial manufacturing, food and beverage, paper, printing, packaging, metals, and utility industry segments.

## SAFETY

Safety is the most important job, everyday. You want your people, your projects, and your vendors to be safe.

Through on-going safety training, safety goal setting, and safety metrics, we ensure safety at every step of each project. In fact, during our first seven years in business, we did not have any loss time incidents or any recordables.

As part of UL's industrial control panel (ICP) custom builder program, Automation Solutions' facility undergoes a quarterly unscheduled site-visit to review and inspect our products. Since our products meet UL safety standards, Automation Solutions can include the UL certification tag on our panels and equipment.



## COMMUNITY INVOLVEMENT

We share our passions and talents with the greater community. Our team members volunteer their time to promote and teach aspiring electricians and electrical engineers.

## VALUES

Our team is committed to building lasting relationships with our customers and suppliers by acting with integrity and always communicating honestly to ensure projects are completed efficiently and effectively.

## COMMUNICATION INTEGRITY HONESTY RELIABILITY



# COMMISSIONING & DESIGN SERVICES



## SYSTEMS INTEGRATION

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Do you have numerous machine level control systems, PLC based and other custom machine specific systems? Additional SCADA systems may have been installed by different contractors through the years. We can help integrate everything into a plant-wide system that collects data for upper management and controls both mid- and lower-level functions.



## PLC PROGRAMMING

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Our team has years of experience programming numerous PLC platforms and outside partnerships with additional PLC experts. Together, we deliver an optimal programming solution.



## START-UP & COMMISSIONING

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Reduce travel expenses and increase project synergy by relying on our engineers and systems integrators to provide start-up and commissioning at your plant. Many of our clients utilize our services when off-site corporate engineering is not available.



## PRELIMINARY PROJECT ENGINEERING & DESIGN

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You can rely on our planning and design expertise for on time, on strategy, and on budget results.

# COMMISSIONING & DESIGN SERVICES



## PANEL DESIGN

You know that you can't trust panels built in a basement. Buy your panels with confidence from a trusted source. We have a team of licensed certified journeymen electricians ready to design your panel.



## COMMUNICATION NETWORKS

Industrial facilities incorporate a wide variety of communication protocols. We specify, integrate, and install the right equipment to properly integrate all of your systems.



## HARDWARE SPECIFICATION

Using the latest technology for software and hardware, we specify the best PLC, HMI, sensors, and other components for your unique application. We also install, calibrate, and maintain hardware.



## HMI & SCADA CONFIGURATION

HMI and SCADA can save you lots of money by decreasing installed wiring and equipment costs. Trust an expert to specify and properly configure the appropriate hardware and systems for your application requirements.



AUTOMATION SOLUTIONS LLC

# FABRICATION & INSTALLATION SERVICES



## ELECTRICAL INSTALLATION & MANAGEMENT

Your industrial facility needs an experienced electrical contractor. All of our personnel have at least ten years of experience with extensive work in industrial and commercial environments. This helps start-up your new plant and keep it running through on-going maintenance.



## PANEL ASSEMBLY

Trust our UL 508A panel assembly team to build panels to your specifications. We offer high quality work and fast turn-around times to meet your deadlines. You can save time and money at inspection time with our certified panels.



## CAD DRAFTING

When designing a system, we interview key stakeholders to understand your needs and ensure clear communication. One main point of contact handles design and CAD functions to efficiently complete the design work.

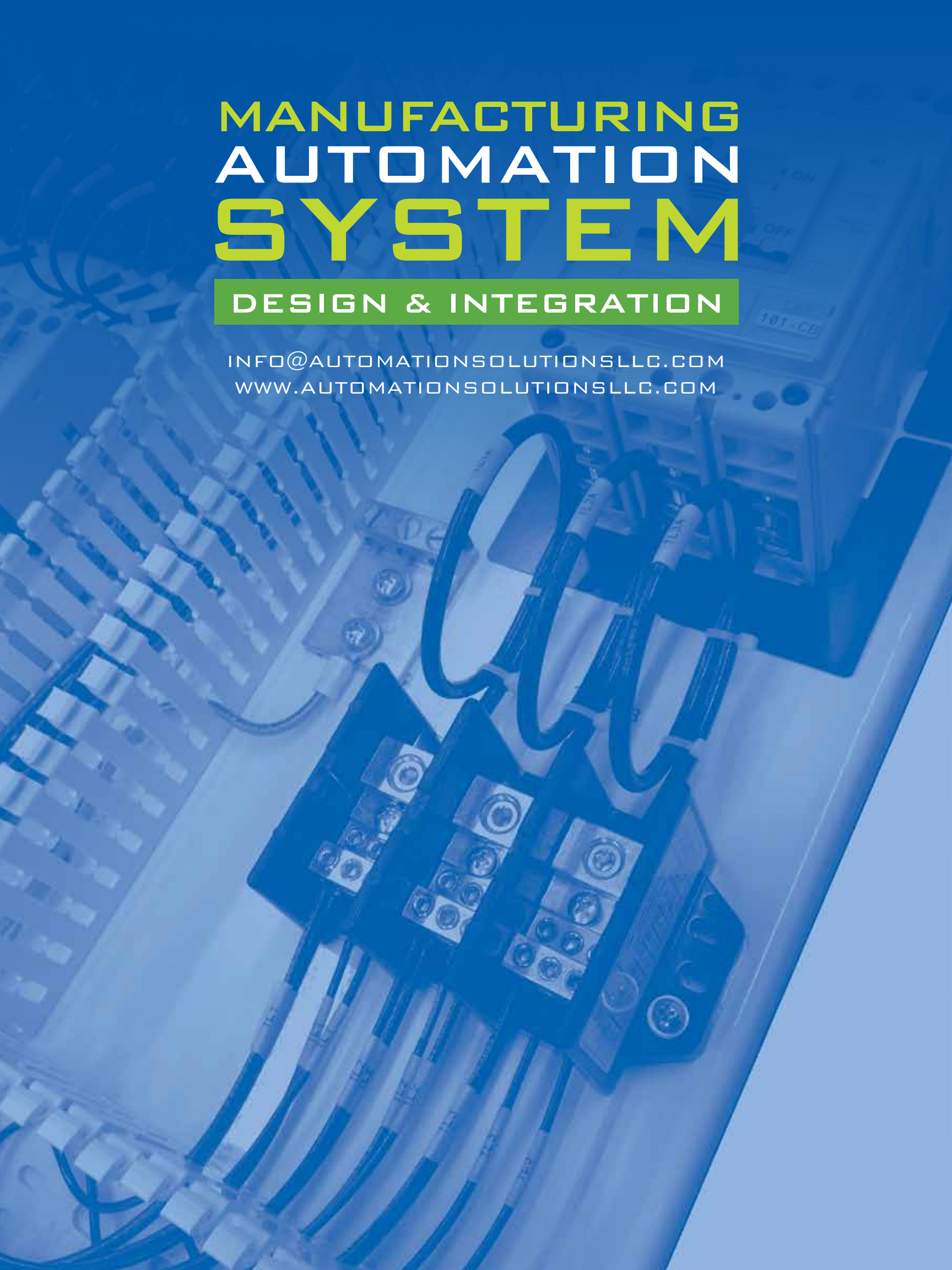


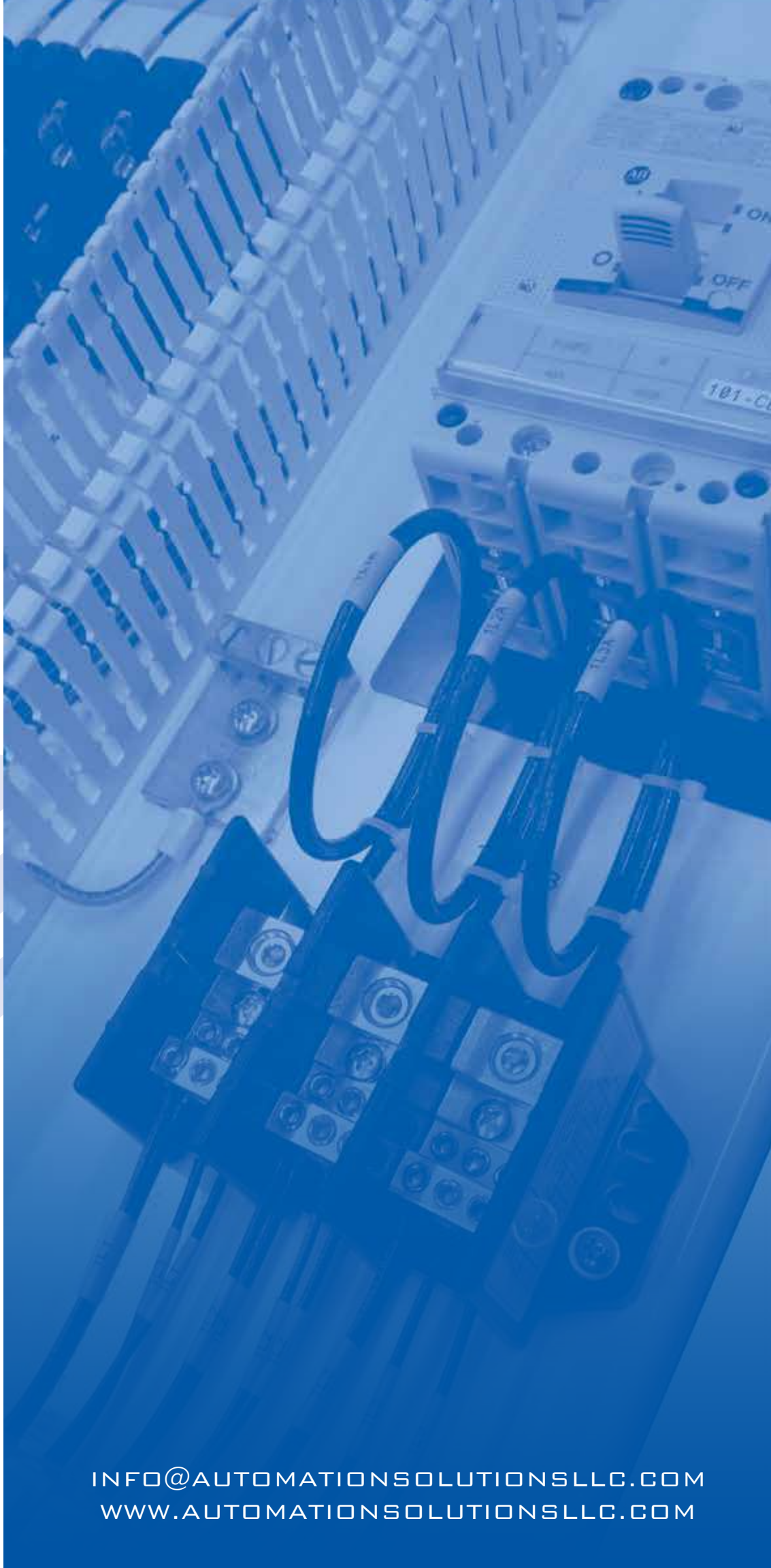


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INFO@AUTOMATIONSOLUTIONSLLC.COM  
WWW.AUTOMATIONSOLUTIONSLLC.COM





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N116 W18627 MORSE DRIVE  
GERMANTOWN, WI 53022  
262.293.9134

[INFO@AUTOMATIONSOLUTIONSLLC.COM](mailto:INFO@AUTOMATIONSOLUTIONSLLC.COM)  
[WWW.AUTOMATIONSOLUTIONSLLC.COM](http://WWW.AUTOMATIONSOLUTIONSLLC.COM)