

# INDUSTRIAL AUTOMATION AND CONTROLS

## PREVENT UNPLANNED DOWNTIMES CAUSED BY OBSOLETE PROGRAMMABLE LOGIC CONTROLLERS (PLCS)

At Carmeuse Systems, we know how important it is that everything runs smoothly at your plant. Automated systems help you to achieve this goal. However, technology is constantly evolving, and many industrial processes and machinery are currently operating with old and outdated programmable logic controllers (PLCs). Limited parts availability and the lack of technical support for these obsolete systems will eventually cause unexpected downtimes. Minimize or eliminate this risk and the unnecessary stress by allowing our teams to upgrade your obsolete system to a modern PLC platform.

## FROM A TRUSTED GLOBAL SYSTEMS LEADER

Our over 50 years of experience in total PLC migrations, as well as routine programming and maintenance, provides us with the expertise to assist you with selecting and customizing a new automation system designed for your specific needs. Our collaborative approach to these automated systems means that we will work with you to keep your system running efficiently and free of unplanned interruptions. We have established relationships with Allen Bradley, Siemens, Schneider Electric, GE Automation and more.

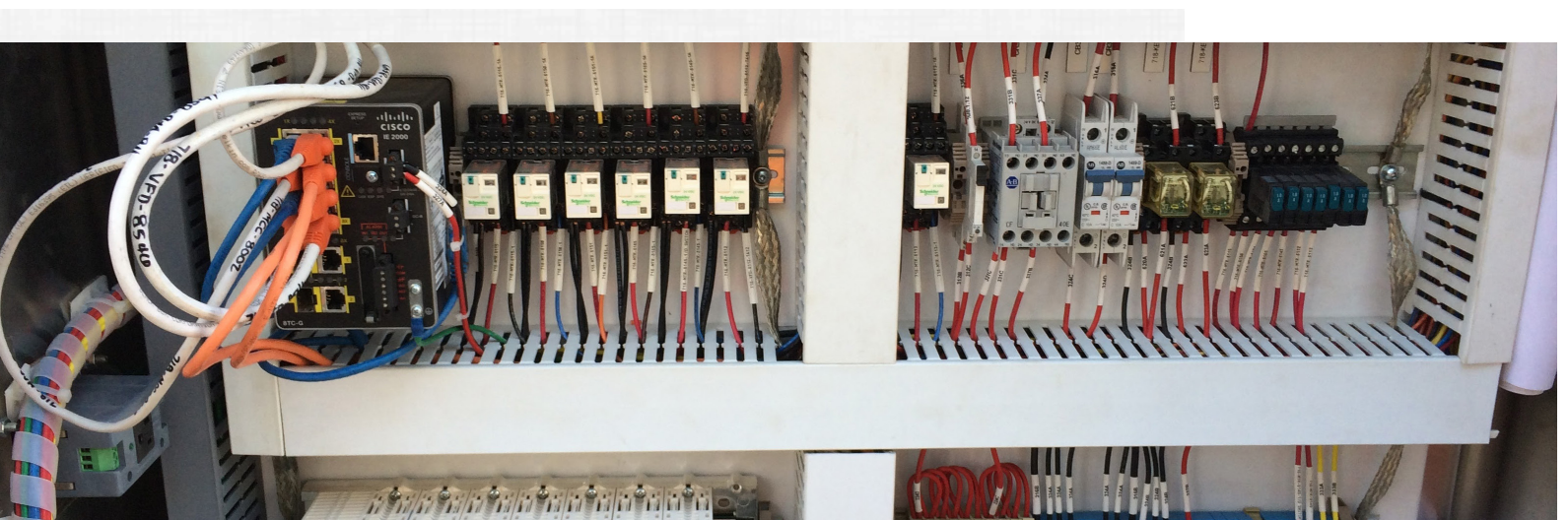




## WHY UPGRADE YOUR OBSOLETE PLC SYSTEM

Do you have a component slated for discontinuation? How about a system, already years past its obsolescence? Are parts hard to find and of questionable quality when you do find them? These outdated systems can negatively impact your company's bottom line due to:

- Hardware no longer being manufactured
- Replacement parts, no longer manufactured, are difficult to find and are expensive
- Limited availability of replacement parts force you to purchase refurbished and used parts without warranties
- Lack of spare parts on site leads to unexpected failures and down time while tracking down replacements
- Finding contractors experienced with older systems can be difficult and expensive



## CATCH POTENTIAL PROBLEMS **BEFORE THEY ESCALATE**

Don't let those old and outdated systems threaten your production and limit your company's productivity. Whether your system is one of ours or from another manufacturer, relatively new, or old, our Carmeuse Systems Automation Specialists work in partnership with you to provide the following services ensuring your plant runs smoothly, efficiently and profitably:

- Evaluate your hardware and software to determine what you have, what kind of condition is it in, do you have spare parts, etc.
- Compile a detailed proposal recommending the most economical path forward
- Determine which option best meets your needs based on evaluation
  - Upgrade existing PLC systems for added equipment or changed production
  - Migrate and commission complete PLC systems to modern hardware including turn-key programming solutions for your whole system
  - Reprogram and update existing PLC systems to improve performance
  - Optimize existing programs to simplify operation or address known bugs
- Improve system securities by applying modern security standards
- Integrate PLCs with other equipment

### **FEATURES**

### **BENEFITS**

Expert support from our Automation Specialists	Recommends the best automation solutions for optimizing your production
Review of system automation	Compiles a proposal with the details needed allowing you to make an informed decision
Migration of existing system to modern hardware	Improves productivity limiting downtime and increases cybersecurity adding value to your bottom line
Maintain existing control schemes	Provides familiarity with operators reducing the short-term risk of downtime delivering reliability
Modern control hardware	Allows for increased availability of replacement parts, technical resources, and additional updates minimizing your risk of failure
Improved features and capabilities	Provides flexible communication options and allows for faster troubleshooting keeping your plant operating efficiently
List of all critical spare parts required for inventory	Allows you to keep the parts you need on hand minimizing your risk of downtime
Integrate PLCs with other equipment	Keeps the plant running smoothly reducing your operating costs
Turnkey solution	Offers established protocols streamlining your communications and cost-savings



## YOUR LIME HANDLING EXPERTS™

Carmeuse Systems is your trusted partner for designing, integrating, and upgrading lime handling systems. As part of the Carmeuse Group, our teams have unrivaled expertise in understanding the role of lime handling equipment within your operation. From selecting the appropriate raw material, to system engineering, enhancements, and maintenance, our teams provide End-2-End support and guidance. We make complex projects seem simple and help our customers every step of the way. Let's start a conversation, contact us at:

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The information contained in this product data sheet is, to the best of our knowledge, true and accurate. As application-specific factors may impact performance, users are advised to evaluate the product independently to determine suitability for the intended application and use conditions. Product availability and specifications are subject to change without notice.

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