



CONTROL SYSTEMS INTEGRATOR

WHO WE ARE

We are a team of automation specialists focused on delivering the best industrial automation solutions possible. We have travelled the world delivering integrated systems that make us proud. As a seasoned team united by countless hours of field work we are ready to face your automation problems.

Commitment to improve the lives of people we work with is what we have in common. We fulfill that by providing recognized automation solutions, treating each other with dignity and respect, and by trying to have a little fun along the way.

You say impossible, we say done.

SAICON IN NUMBERS

over 130 – projects through last 6 years

over 10 000 – drives installed

over 30 – countries that we have worked in



CORE VALUES



listen to the customer – Understanding the customers' needs provides the groundwork for future cooperation.



be dependable – We tell it like it is. We pride ourselves on delivering 99,5% of our projects on schedule.



be profitable – To ensure stable growth and sustainability.



have fun – Professional don't have to mean elevated and dull.

WHAT WE DO

We automate! We will provide you with a comprehensive automation solution of the highest possible quality. Delivering the mechanical components, electrical design, software development, installation and commissioning – you name it. Our main goal is to satisfy your needs by responding to your industrial automation problems with a complete solution.



CONTROL SYSTEMS INTEGRATION

This is our core competence – providing machine and process automation to a broad range of industries. SAICON is a team of experienced engineers with skillsets that include: system level design (network design, electrical design, sequence of operations, etc.); control panel design; PLC/HMI/SCADA programming; control panel building and commissioning services.

CONTROL PANEL FABRICATION

We can produce a wide range of control panels to meet the needs of your system. We would fabricate all the panels for your projects in our production facilities so you can be assured they will meet the required quality standards. We also customize control cabinets to meet your specific requirements. We appreciate the importance of good panel design, with component integration, and we pride ourselves on well-designed enclosures.

SYSTEM ASSEMBLY, STARTUP AND COMMISSIONING

We can mechanically and electrically assemble your system. With years of experience working on a range of projects worldwide, our startup teams have perfected a thorough approach. Manual functions, automatic control loops, alarms, data logging - all will be checked and documented to confirm intended functionality within the real world conditions.

SAFETY AUDIT

Own potentially unsafe machines? Trust our certified safety advisors to perform the necessary audit. You will receive a detailed report on the condition of the potentially hazardous equipment. We will provide suggestions for areas that need improvements along with options to ensure the compliance with applicable regulations. Subsequently, we will adapt your systems to meet the binding standards and regulations. Thus, you will gain confidence that you are not jeopardizing the safety of your staff.

SYSTEMS UPGRADE AND MIGRATION

Nothing lasts forever. Sooner or later a system upgrade becomes a necessity. We are experienced in transforming obsolete control systems into modern technology platforms with opportunities for system improvements. We will remove all the components that are obsolete and replace them with the appropriate solutions available. Breathing new life into your devices will enable you to take full advantage of their rejuvenated and refreshed potential.

FIELD SERVICE

You will never be left unattended. We understand that the integrity of your systems and keeping them operational are your number one priority. We provide full service support not only for systems we have delivered. Feel free to contact us even if you haven't dealt with us before. Dedicated 24/7 service line with direct access is at your disposal. Upon detection of any malfunctions we will immediately perform diagnostics and swiftly provide support.



HOW WE DO IT



SYSTEM ARCHITECTURE DESIGN

Precise design is a crucial step towards a successful project. We will undertake a collaborative analysis process in which we will understand: your goals, manufacturing equipment and automation requirements. We will work together with you to learn your processes thoroughly, providing the best solution to answer your needs.

PLC PROGRAMING

The code we create at SAICON goes far beyond simple logic. A well-built program ensures extended diagnostic functions, operational reliability and broader opportunities for development. We are proud of the solutions our know-how allows us to offer. Our programmers adhere to transparent programming standards to facilitate simple, convenient analysis. As a result, the product you get will have the user-friendly quality immediately recognized by your maintenance staff. We have long-standing, extensive experience in programming PLC controllers produced by the leading manufacturers: SIEMENS, ALLEN BRADLEY, MITSUBISHI, OMRON, GE and SCHNEIDER ELECTRIC.

SCADA/HMI PROGRAMMING

HMI screen are your operators interface to the plant. Whether developing new screens or modifying existing ones our goal is for clear, legible designs that provide instant feedback and functional diagnostic features. We know that operators shy away from change, therefore we make every effort to ensure our HMI's are both user-friendly and intuitive. We implement visualization systems in the following Software: Wonderware In Touch, Rockwell Automation FactoryTalkView Studio Site Edition, WinCC.

ELECTRICAL DESIGNS

Our experienced and highly qualified EPLAN and WSCAD designers, will create a project based on a detailed analysis of your needs. In line with existing regulations they will ensure optimum safety standards. We are aware of and determined to use technological innovations: allowing for both space saving in control cabinets and considerable shortening of configuration time for both: initial commissioning and future maintenance.

SAFETY

We precede selection of safety solutions with a detailed risk analysis that forms the starting point for risk reduction. We design safety systems to comply with the corresponding safety specifications for control systems EN ISO 13849-1 and all other applicable standards, in conformity with the provisions of The Machine Directive 2006/42/EC. Such an approach allows for the safe operation of your system over its whole life cycle.

ROBOTICS

Do you have high precision, repeatable tasks to be automated? We will develop a perfect solution for you, based upon either FANUC or KUKA technology. We have employed robots to various industrial applications from the packing of products to automated container drying.

INDUSTRIAL NETWORKS

We design industrial network structures - tailored to your requirements – ensuring long-lasting, failure-free functionality at all times. If need be, we are ready to carry out an extension of layouts already in operation, refitting them with additional modules or external devices. Whatever type of system you own or are considering, it lies within our competence to facilitate its implementation and efficient operation. We have extensive experience in creating field-bus and network based systems: PROFINET, EtherNet/IP, ProfiBus, IO-Link, Modbus, AS-Interface.





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