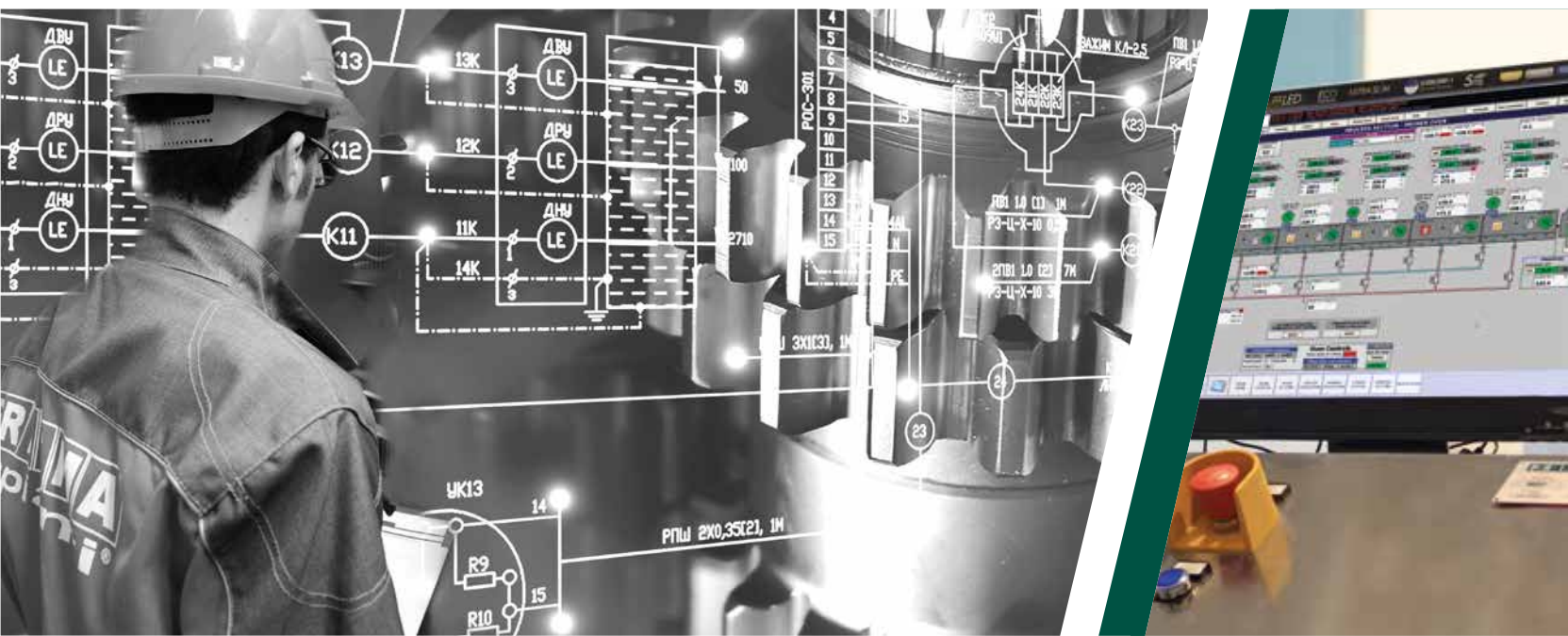


P R I S M A[®]
Impianti



COMPANY PROFILE

PRISMA[®] **Impianti**



COMPANY PROFILE

SOLUTIONS

FOR END USERS AND
MAIN CONTRACTORS

TRUST IN AUTOMATION
PRISMA
Impianti

*Since 1980 PRISMA Impianti provides
advanced process control systems
with smart analytics, functional safety
and cyber security features*



**PROCESS
PRODUCTIVITY**



**SMART
ANALYTICS**



**FUNCTIONAL
SAFETY**



**ENERGY
EFFICIENCY**



**CYBER
SECURITY**



MAIN INDUSTRIAL SECTORS

TRUST IN AUTOMATION
PRISMA
Impianti

*PRISMA Impianti
provides solutions
in many different
sectors*



METALS



ENERGY



ENVIRONMENT



CHEMICALS



OIL & GAS



MATERIAL HANDLING



TRANSPORTATION



AUTOMOTIVE & AEROSPACE



OTHER APPLICATIONS

SOLUTIONS & PACKAGES

FOR END USERS



We optimize your production process with references in multiple industries around the world



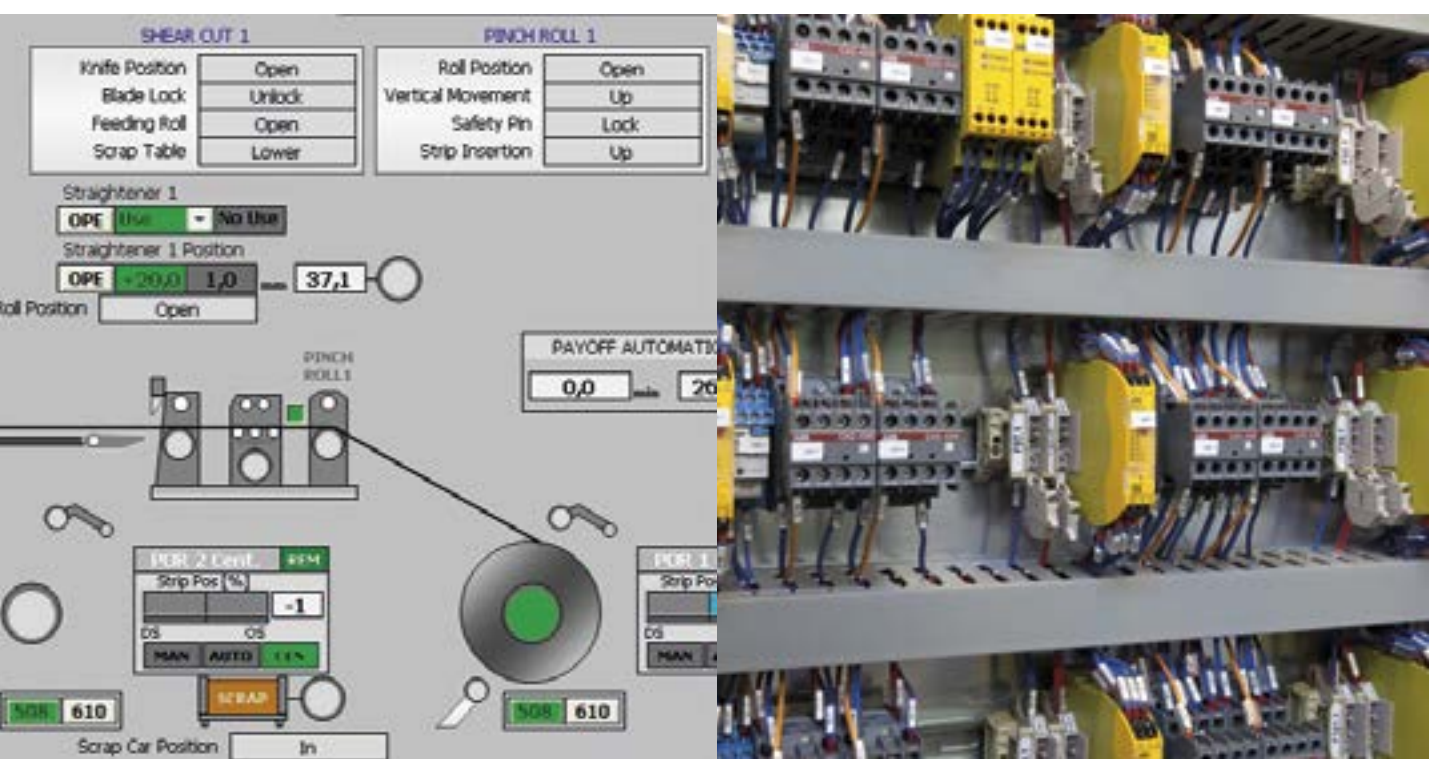
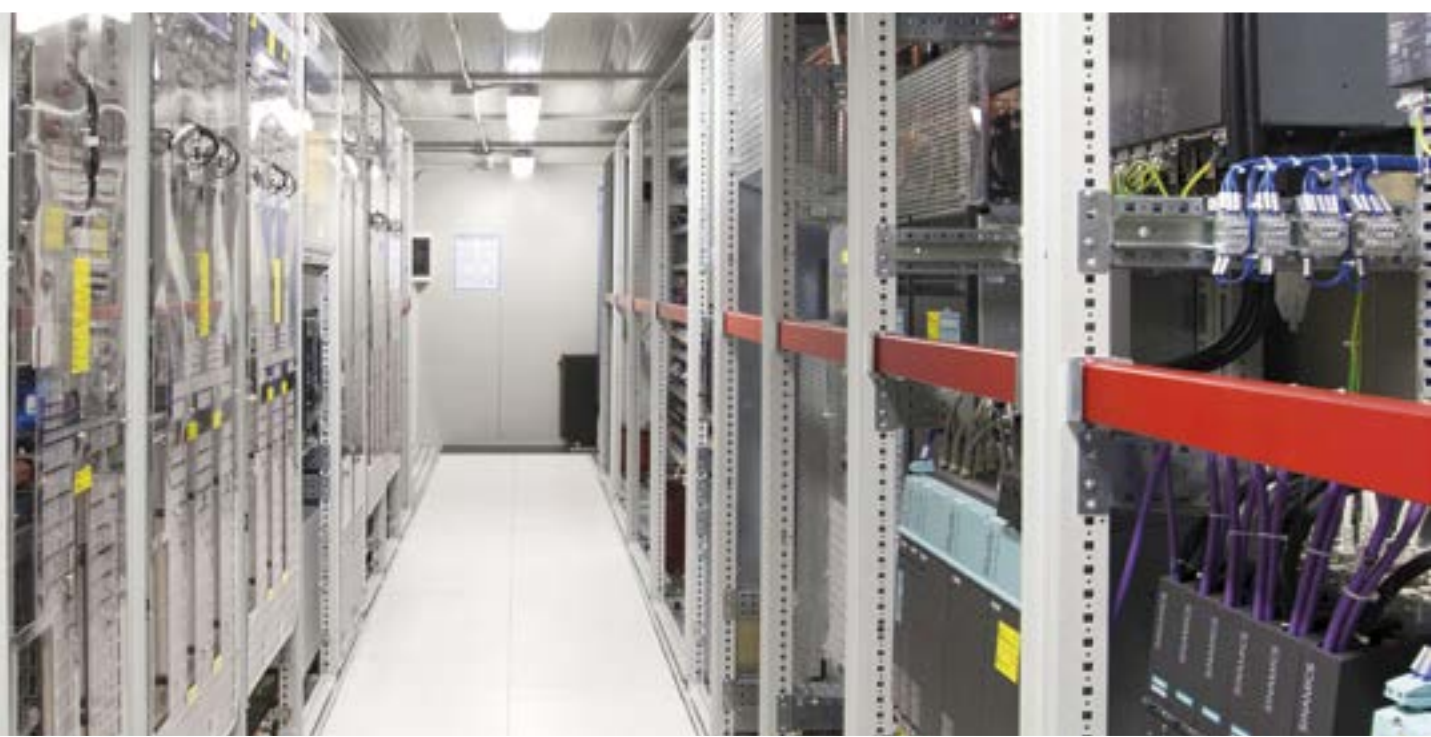
PRODUCTIVITY

We can improve the Productivity and Overall Equipment Efficiency (OEE) of your process through the reengineering of your production plants. Re-vamping the electrical and automation systems greatly reduces lead and cycle times and helps speed-up maintenance by replacing outdated technologies.



SMART ANALYTICS

Smart Analytics are a more immediate and convenient solution to improve your production management. Our Manufacturing Execution System (MES) solution features material and warehouse management, production scheduling and optimization, real-time tracking, quality control, data storage and analysis, KPI and reports. The system is mobile-friendly and can be combined with our cyber security suite SEC.R.A.® for safe remote access.



ENERGY EFFICIENCY

Energy Efficiency can be an important competitive advantage. With our vast expertise with drives and process control, we can optimize energy consumption. We also have specific solutions for Energy Monitoring & Control Systems (EMCS), a critical element of a modern substation.



FUNCTIONAL SAFETY

We have experience with Safety Integrity Levels up to SIL 3 and Performance Levels up to Pld. We perform Process Hazard & Risk Analysis (HAZOP, FMEA, FTA, RAMS), design Integrated Control & Safety Systems (ICSS), Fire&Gas and Emergency Shutdown Systems (ESD), certifying the supply according to the related safety standards.

SOLUTIONS & PACKAGES

MAIN CONTRACTORS



We are the reliable partner for EPCs and OEMs, supporting you from the bid to the startup of the project



E&C PACKAGES

We can make it easier to design and commission your plants and machines, developing for you the electrical and automation systems. We can offer a complete package, including basic and detailed engineering, related procurement, control panels manufacturing, erection supervision and commissioning - or just one of these services, e.g. site assistance.



SKIDS, SHELTERS & RTUS

Our equipment can fit on skids or inside a shelter, suitable even for the harshest environments (marine, tropical, desert or subartic areas). Custom-designed by our engineers, these solutions are also an interesting alternative inside manufacturing facilities, thanks to their extremely reduced startup times.



COMBUSTION SYSTEMS

Equipping your plant with a modern Burner Management System (BMS) can significantly improve the energy efficiency and the quality of the end product. pxFLAM™ is our solution to manage industrial furnaces with a mathematical model able to meet these expectations. With our engineering capabilities on industrial furnaces, we are also able to provide a turn-key service, taking full responsibility for the electrical and automation package.



WORKFLOW



We provide solutions for mechanical, electrical and automation systems up to entire turn-key plants



ENGINEERING

- Basic engineering (BED & FEED)
- Hazop & FMEA
- Feasibility studies & cost estimations



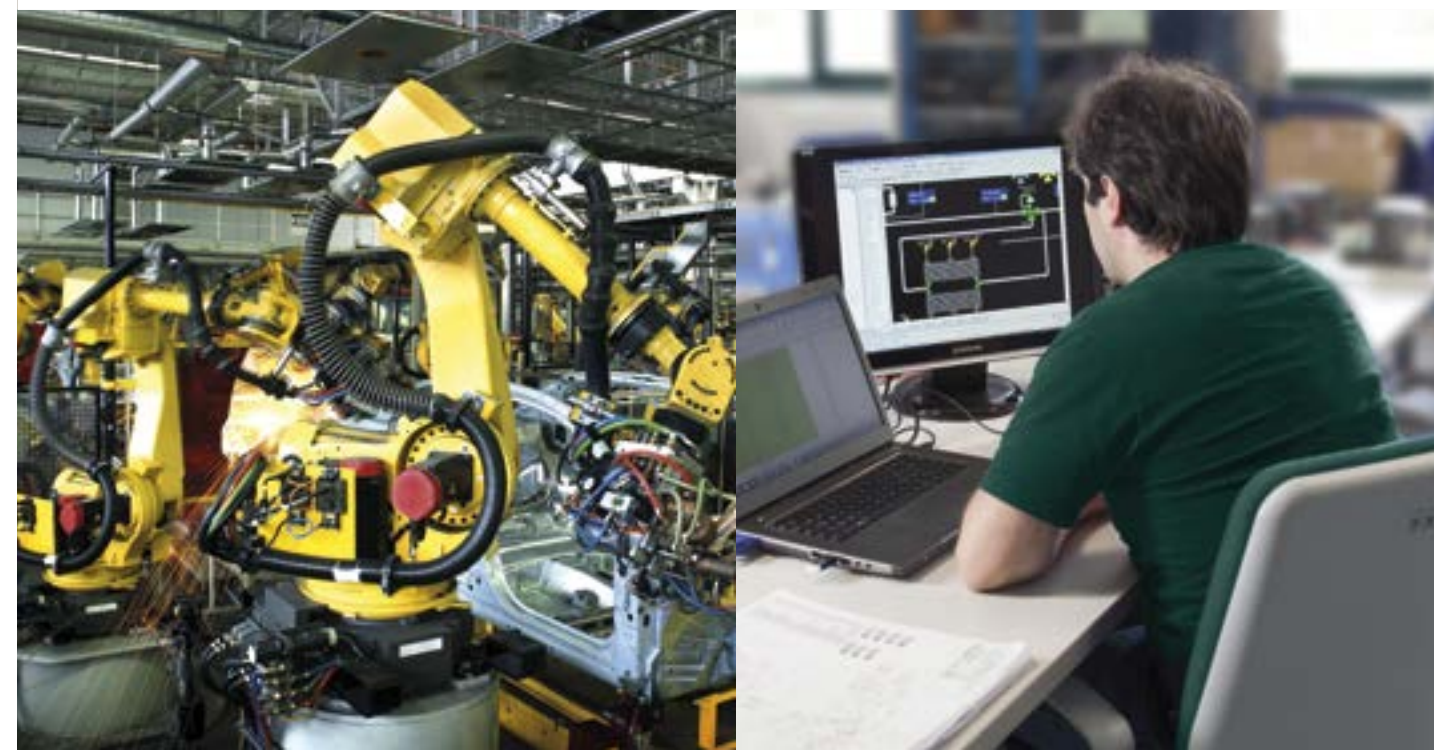
DETAILED ENGINEERING

- Electrical design
- Instrumentation design
- Mechanical, P&I design
- Software development



CONSTRUCTION

- Control & Distribution Panels (CE/UL/CSA markings)
- Shelter assembly
- Site management & erection supervision



PROCUREMENTS & LOGISTICS

- Supply of equipment
- Packaging and transportation



TESTING & COMMISSIONING

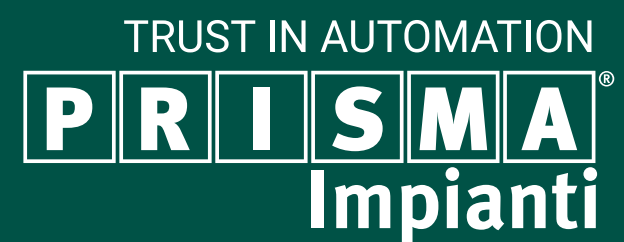
- FAT testing
- SAT testing
- Commissioning & start-up assistance



SERVICE

- On site and remote maintenance of automation systems

PRODUCTS & SOLUTIONS



*We help you to improve
Process Productivity and
Energy Efficiency*

BASIC AND DETAILED ENGINEERING

PROCUREMENT AND LOGISTICS

DISTRIBUTION BOARDS

- Power distribution boards LV/MV
- Drives boards, inverter and MCC

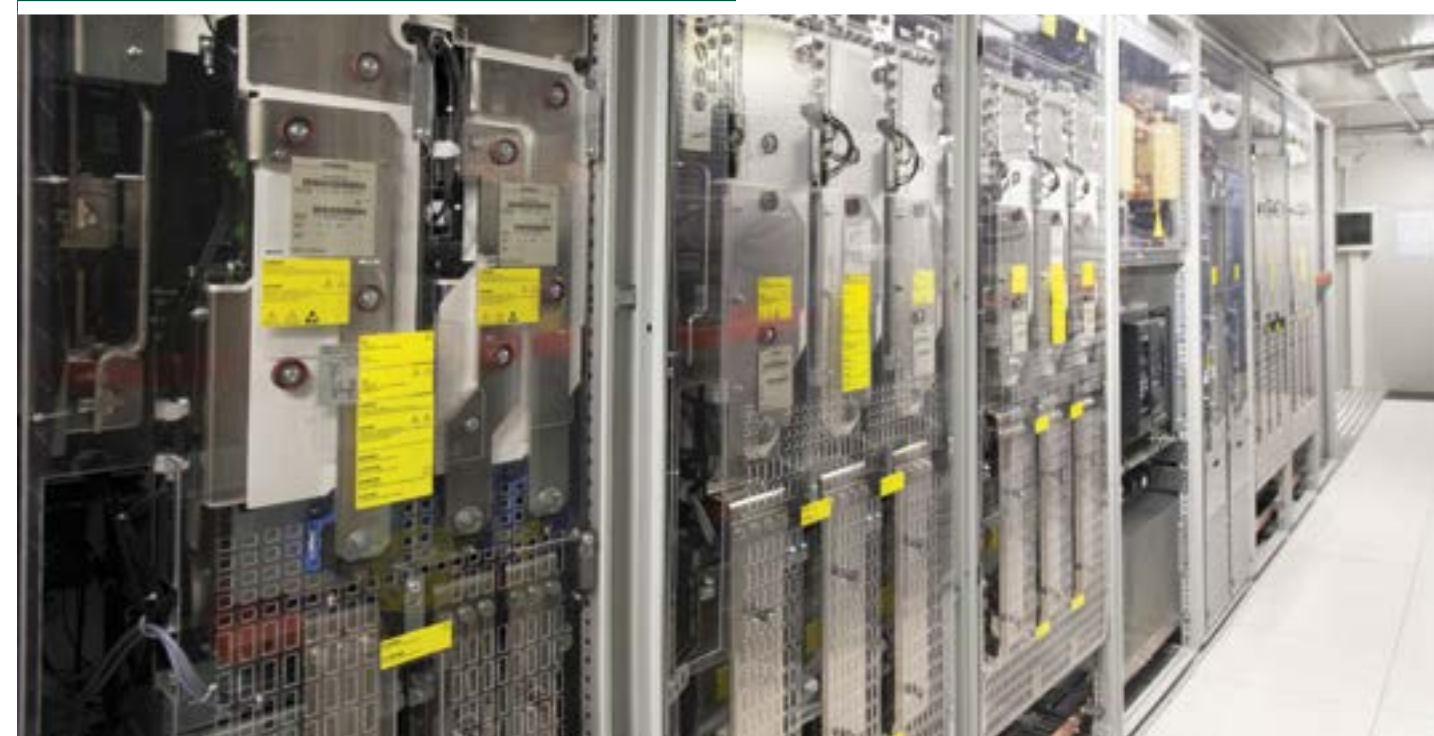
CONTROL BOARDS

- PLC, DCS
- Special boards for ATEX areas
- Boards with UL/CSA/NEMA marking

SOFTWARE FOR PROCESS CONTROL

- Software PLC & DCS, HMI & SCADA
- Risk Analysis
- Software for Safety Control Systems (ESD, F&G, ICSS)

TESTING, COMMISSIONING AND SERVICE



PREFABRICATED POWER & CONTROL ROOMS (PCRS)

- Shelter for marine environments and resistant to vibrations (e.g. harbor cranes)
- Shelter for telecommunications and RTU for pipelines, also off-grid solutions
- Power & control room

INDUSTRIAL FURNACES

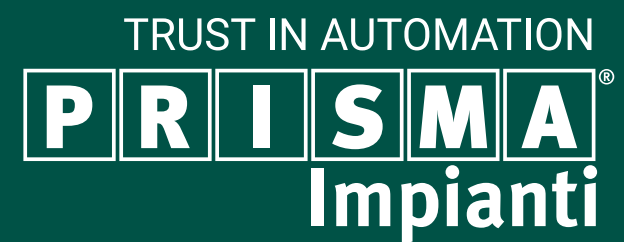
SOFTWARE IT

- Manufacturing Execution System (MES)
- Cyber security (suite SEC.R.A.®)

INTELLECTUAL PROPERTIES

- pxFLAM™ burner management system (BMS)
- pxSPEED™ process line speed control
- pxCOAT™ closed-loop coating thickness control
- pxTORQUE™ strip tension control
- pxDIAM™ coil diameter real-time control
- pxDEEP™ IP68 control submersible solution (RTU)

OUR PROMISE



PRISMA Impianti is a leading supplier of turn-key plants particularly in the field of Automation Systems



INSIGHT SELLING

Knowing our business since 1980, we can suggest diverse, state-of-the-art devices and system philosophies. Let's design together the best solution for your problem: it will be a pleasure for us to assume the responsibility for the implementation.



THE INTEGRATOR EXPERIENCE

We are a system integrator, not a manufacturer: we will not try to sell you equipment you don't necessarily need. We are appreciated for revamping existing plants because we are often able to change your process without changing the machineries.



YOU ARE OUR STANDARD

We do not work on rigid standards: we always try and adapt to you. If you have your own procedures, design philosophies and templates we will follow them. Let's hear your requirements and we will build on them: it's the automation that adapts to you, never the opposite.



OUR PROMISE



*Thanks to the extensive know-how
PRISMA Impianti has become a leader
in revamping existing plants*



THE RIGHT TO CHANGE

Completing a project takes time; meanwhile, market conditions change, requirements and technologies have to be permanently updated, production is rescheduled. We will always be ready to discuss modifications from your side at later stages of the project, should you need to do so.



OUR EXPERIENCE AT YOUR SERVICE

We provide turn-key plants with a strong emphasis on field engineering and installation - one of the most critical aspects of our job, which often causes unforeseen events and delays. That's why the commissioning is carried out by the same engineers that designed the system.



NO LOCK-IN, NO WALLED GARDENS

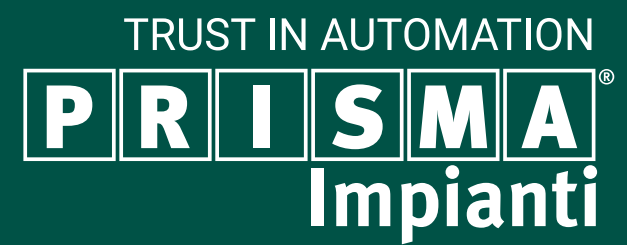
We understand that usually our supply is part of a broader system. That's why we consistently use market components and give you access to the automation software. This will let you fine-tune your process for the years to come, offsetting to a certain degree mechanical wear.



AFTER SALES SERVICE

"No Lock-in" does not mean we forget about your project once startup is done. Whenever you need, we are available online and on-site, with the same engineers that developed and commissioned the project.

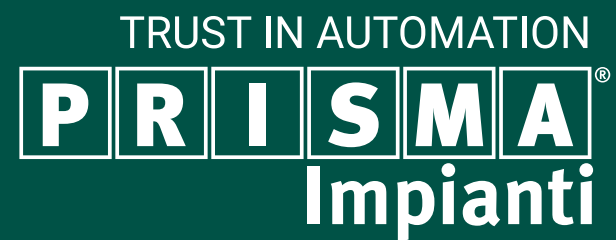
REFERENCES



Our team has successfully developed complex projects in more than 50 countries around the world



ABOUT US



*"I have always believed
Automation would be the future"*

Valerio Eugenio Alfonso

In the late '70s Valerio Eugenio Alfonso decided to quit his job as a site manager.

He founded our company in 1980, striving to achieve both technical excellence and high standard of service and flexibility.

Today PRISMA Impianti works all over the world, across industries and cultures, but we never forget our roots and values.



SAME 1980

The first core of the company, SAME, is founded as an electrical erection and maintenance contractor.



PRISMA 1987

A new generation of engineers sparks the creation of PRISMA Automazione, that focuses on engineering and process control.



MECART 1988

To complete a turn-key offer, Valerio Eugenio Alfonso and other partners founded MECART, a mechanical engineering and erection company.



MERGING 1999

The group becomes one company under the name of PRISMA Impianti, moving the headquarters to the current location in a completely new facility.



HANDOVER 2011

Valerio Eugenio Alfonso remains as the President and largest shareholder while his son Manuel Alfonso becomes CEO, to lead our company towards new exciting challenges.



PRISMA REVAMP 2017

Opening of our US branch, PRISMA Revamp Corporation, in Pittsburgh, PA.

CERTIFICATIONS
AND ETHICS



PRISMA Impianti has been awarded certifications in most of its business areas including functional safety



ISO 9001



ISO 14001



OHSAS 18001



UL/CSA MARKING



FUNCTIONAL
SAFETY ENGINEERS



MACHINE SAFETY
ENGINEERS



AEO-F / C-TPAT



CERTIFICATION
FOR PUBLIC WORKS



CONTACT US

TRUST IN AUTOMATION

PRISMA[®]
Impianti



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