Automata Partner in Automation
GLOBAL EXPERIENCE
BY YOUR SIDE
Cannon Group is a global leader in engineering solutions for industry. Every market sector sees in Cannon a technological partner, vertically integrated in order to satisfy specific needs. Automata is a controlled company of Cannon Group, specialized in industrial automation. It’s a collaboration of German and Italian teams of experts dedicated to offer products and applications on the international market that are tailored to specific needs, while also providing high-level engineering consulting.

There are three areas of business covered by dedicated companies located in several countries:

- Plastic processing technologies
- Steam and water technologies
- Industrial electronics, automation and robotics
INNOVATION AND CUSTOMIZATION TO ACHIEVE EXCELLENCE

Research and development of new responses to the market demands are activities shared by each Cannon Group company. A common vision that takes on a broader meaning within Cannon Automata. Innovation is nothing without a careful attention to the market. Only by translating technological advancements into tailored solutions for their own customers, can be offered high performance results. Products, applications and services that are able to support the industry in an international competitive scenario at the high level of quality and technology.
Designed to be the best.
Cannon Automata’s range of solutions reflects mission and vision of the company: design, develop and manufacture products, applications and engineering solutions to satisfy the need for technological innovation, flexibility and competitiveness of the market. Capitalize on the experience gained and share it with strategic and technology partners.

All of these resources allow Cannon Automata to acquire specific technical skills and then integrate them into multidisciplinary projects. The three areas of business co-exist and complete each other in order to provide a global coverage of the market.
### PRODUCTS

Technological components for industrial automation.

- **PAC - PROGRAMMABLE AUTOMATION CONTROLLER**
  Modular controllers for the management of industrial machines and processes.

- **HMI - HUMAN MACHINE INTERFACE**
  User interfaces for smart information management.

- **FIELDBUS & INDUSTRIAL ETHERNET**
  Components for real-time communication in the industrial environment.

- **SOFTWARE**
  A complete range to support every need for control, management and interface.

- **I/O MODULES**
  Expandable modules of different fields signals.

- **DRIVES**
  Devices dedicated to motion applications.

### APPLICATIONS

Hardware and software solutions for specific user applications.

- **REMOTE MONITORING & ASSISTANCE**
  Control systems dedicated to data collection and remote, monitoring, control, diagnostic for plant and machinery.

- **MOTION & ROBOTICS**
  Solutions for motion control, cyclic synchronization of axes and management of complex movements.

- **MACHINE CONTROL AND PRODUCTION**
  Application for the control of machines and manufacturing processes, to monitor and verify quality and system variables.

- **PREVENTIVE MAINTENANCE**
  Condition monitoring application for collection, acquisition and analysis of plant and process variables over the time.

- **ENVIRONMENTAL MONITORING**
  Solutions for continuous measuring and registration of environmental parameters.

- **ENERGY EFFICIENCY**
  Systems for the control and the optimization of the energy consumption for large and small systems.

### ENGINEERING

Services for engineering projects.

35 years of experience in the automotive, energy, oil & gas and water treatment sectors enable Cannon Automata to present itself as complete and perfect partner for the development of industrial engineering and process projects. Systems are characterized by their high performance, thanks to an approach that is fully oriented to achieve tailored solutions to specific needs.

For the best results in terms of quality and customer satisfaction, Cannon Automata follows an operative scheme that is widely experienced and successful, from the study to the implementation, with a constant technical support.
THE CHOICE OF THE SMART_factories

Many “smart factories” have recently chosen Cannon Automata. Large and small industrial companies have decided to invest in automation systems and industrial robotics, relying on a partner with international experience, always by their side.

Every industrial automation sector can find a valuable partner in Cannon Automata. The concept of industry 4.0 is now a priority for all those companies, from the manufacturing to the processes undertaken to improve efficiency and effectiveness. Cannon Automata offers innovative and tailored solutions for plant intelligence to enhance the productivity and profitability of the companies.
This **excellence** acquired in the international arena is a guarantee of quality with which every automation project, big or small, can be signed.
Cannon Automata’s applications and products quality is a matter of fact. Products are capillary tested one by one. Thanks to a fully equipped environmental test chamber, each solution implemented is subjected to the most rigorous stress conditions and to electrical, environmental and life cycle screening. A sophisticated simulator also allows a true reflection of the system behaviour that could be tested at the factory.
As part of a group, Cannon Automata plays an international role in several countries. Two headquarters, Italy and Germany, two branch offices, China and Brazil and a network of sales representatives and technical assistance agencies around the world, directly manage local projects, ensuring a fast and prompt response to their respective geographical areas. Important requirements for a range of products and services that go beyond simply creating and delivering high performance solutions. The sales and service network of Cannon Group is further expanded around the world, ensuring direct contact points in Africa, America, Europe, Oceania and East.