35 years of experience in the energy, oil & gas, water treatment, automotive and other industrial sectors, enable Cannon Automata to present itself as complete and perfect partner for system integration.

Our solutions are characterized by their high performance, thanks to an approach that is fully oriented to achieve tailored solutions and suit 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.
CONSULTING
SOLUTIONS AND OPPORTUNITY TO IMPROVE CUSTOMER PERFORMANCE.

Cannon Automata offers a full consulting service, supporting the customer taking the correct decision to improve production processes and infrastructure operations.

DESKTOP
THROUGH ALL PHASES OF ENGINEERING SOLUTION.

Thanks to our know-how, design represents a core business and a fundamental pillar of the Company. Solution design includes hardware and software engineering, supported with development of relevant documents, from early stages up to as-built release.
Cannon Automata can offer PLC/DCS based solutions with its own products for automation, as well as solutions based on third-party products (Siemens, ABB, Rockwell, Schneider Electric, GE).
Cannon Automata has experience in system hardware design with the most widely used market products, having gained appreciated hardware integration skills.

FEASIBILITY STUDY
SYSTEM ARCHITECTURES
ALTERNATIVE SOLUTIONS
HARDWARE SELECTION
COMMERCIAL PROPOSALS

Engineering documents
I/O LIST
FUNCTIONAL SPECIFICATIONS
CAUSE/EFFECT CHARTS AND DIAGRAMS
LOGIC DIAGRAMS
INSTRUMENT LOOP DRAWINGS
WIRING AND ASSEMBLY DRAWINGS

System software
PROCESS CONTROL
PROCESS SAFETY
HMI
SCADA
DCS
VALIDATION AND START-UP
CONFIGURATION AND EFFICIENT INTEGRATION OF THE SOLUTION.

Factory acceptance
All solutions realized by Cannon Automata are fully tested internally with the help of process simulation (hardware or software). After internal tests and validation have been completed, the customer validation can take place with Factory Acceptance Test (FAT). Whenever required, the Integration Factory Acceptance Test (IFAT) completes the validation stage before dispatch.

Site acceptance
After system has been delivered to customer, Cannon Automata can offer full support for site activities, up to final acceptance.

TRAINING AND AFTER SALE SUPPORT
TRANSFER OF KNOWLEDGE TO END USERS AND HELPING CUSTOMER TO MAINTAIN SOLUTIONS.

Training
Automata offers a training services relevant to developed solutions on factory and on site for customers and partners.

After sale support
Cannon Automata can offer world-wide support through Cannon Group service network, with highly skilled specialists.

Factory acceptance
- FAT (FACTORY ACCEPTANCE TEST)
- IFAT (INTEGRATION FACTORY ACCEPTANCE TEST)

Site acceptance
- INSTALLATION
- PRE-COMMISSIONING
- COMMISSIONING
- SAT (SITE ACCEPTANCE TEST)
- ISAT (INTEGRATION SITE ACCEPTANCE TEST)

Training
- SYSTEM OPERATORS TRAINING
- MAINTENANCE PERSONNEL TRAINING

After sale support
- SPARE PARTS
- ON-SITE ASSISTANCE
- REMOTE ASSISTANCE
- MAINTENANCE
- RETROFIT
- REVAMPPING
OUR CASE
HISTORIES
IN DIFFERENT
MARKETPLACES

- POWER & ENERGY
- OIL & GAS
- INDUSTRY
### POWER & ENERGY
With over 35 years of experience in automation, Cannon Automata grants valuable knowledge in different fields of applications inside Power & Energy markets.

- **STEAM GENERATION**
- **DISTRICTS HEATING**
- **COGENERATION**
- **WATER TREATMENT**
- **POWER GENERATION**

### OIL & GAS
Best practices have been developed along the years for automation of several types of plants and packages.

- **INDUSTRIAL BOILERS**
- **BIOMASS PLANTS**
- **EFFLUENT WATER TREATMENT PLANTS**
- **CONDENSATE TREATMENT PLANTS**
- **WATER DEMINERALIZATION PLANTS**
- **MV/LV ELECTRIC DISTRIBUTION SYSTEMS**

### INDUSTRY
Cannon Automata provides complete design services for every facet of Automotive, Aeronautics, White Industry and other industrial sectors. Specialists and professionals in all aspects are available to support the customer in all phases of supply chain. Complete automation solution has been developed for the following technologies:

- **POLYURETHANE PROCESSING AND DOSING**
- **COMPOSITES PROCESSING**
- **THERMOFORMING**
- **CARBON FIBER AND RECYCLED CARBON FIBER**
- **MOULDING AND COMPRESSION**
WITH YOU,
ALL OVER THE WORLD.

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.
PRODUCTS
Technological components for industrial automation.

Cannon Automata’s 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.

www.cannonautomata-products.com

APPLICATIONS
Hardware and software solutions for specific user applications.

Every industrial automation sector can find a valuable partner in Cannon Automata. Thanks to the join of hardware, software and skills acquired over the years, Cannon Automata proposes to market applications designed to meet various market needs.

www.cannonautomata-applications.com