



MODITECH srl

COMPANY PROFILE

2021



Our experience at your service

Our production has always been based, both for regulations as for the direction of the company, on the use of top quality or certified components. The highly specialized and long-experienced staff are perfectly familiar with the problems related to the management of strong and weak currents, isolation and safety at work.

INDEX

COMPANY	03
— OUR HISTORY	03
— OUR MISSION	04
— OUR QUALITY	04
— OUR POLICY OF HEALTH AND SAFETY AT WORK	05
— EPC CONTRACTOR	06
INTEGRATED POLICY	07
— VISION	07
— MISSION	08
WHO HAS CHOSEN US	09
CERTIFICATIONS AND CERTIFICATES	11
OUR PRODUCTS	13
ELECTRICAL SWITCHBOARDS MV & LV	15
TERMINALS (CLAMPS) FOR MV & HV ELECTRICAL LINES	17
CABLES TROLLEYS FOR HANDLING	18
SOFTWARE DEVELOPMENT	19
FACILITY MANAGEMENT	20
INDUSTRIAL AUTOMATION	21

COMPANY

The headquarters and the main establishments of MODITECH srl are in Busnago, in the north-east of the province of Monza, in the heart of one of the most dynamic and productive industrial center in Brianza, where many companies of different nature share tradition, technology and passion for work.

MODITECH srl has expressed, in its 30 years of history, the concept of 'Made in Italy' all over the world, creating technologically advanced projects, able to highlight know-how, human qualities, research and innovation. Our strategic vision is recognized in every product or service that is disbursed.

Oyr History

Moditech srl was founded in 1990 and within a few years it became a well-known and appreciated company in the fields of electrical and instrumental engineering systems, in steel mills and oil and gas refineries, in the construction of low and medium voltage switchboards and in the production of terminal blocks for high and medium voltage power lines. Over time, Moditech srl changed its corporate structure and in January 2016 the company was taken over by Olimar srl, a financial holding company wholly owned by the Calciano family.



Thanks to new investments and the increase in the workforce with highly specialized personnel, a period of significant expansion began which allowed for a constant increase in both, revenue and clientele. Today Moditech srl with its diversified and integrated activities guarantees the overcoming and consequent resolution of all the critical issues of a project from the engineering phase to the commissioning of the start up of a system. Thanks to the immense experience accumulated during thirty years of activity, it can boast of a customer portfolio with prestigious national and international names and companies, in addition to a very high specialization in its areas of expertise.

Our mission

Know-how and experience allow Moditech srl the complete management of a project, from the study and engineering phase up to commissioning. With a view to an expansive commercial policy, the company is committed to continually updating its working methods and equipment, in order to ensure a high-quality overall performance.

Our Quality

Our production has always been based on the use of top quality or certified components, both for specifications and for the company's vision. The highly skilled and experienced staff are perfectly familiar with the issues related to the management of strong and weak currents, isolation and safety at work.

All supplies and systems are tested Internally in our Test Room. When requested, we carry out Type Tests with CESI certifications or other consultants. Since 1998 we have been certified UNI EN ISO 9001: 2015. Our organization and the validity of the internal procedures have made it possible to obtain, from the CSQ, the renewal of the certification with validity until 19/04/2021 (certificates attached).

1.000 mq
OFFICES

5.000 mq
MANUFACTURING PLANT

6.000 mq
TOTAL AREA

Our Policy of Health and Safety at work

Moditech srl is certified according to the UNI ISO 45001: 2018 standard. A goal strongly desired by the Company Management which believes in the value of safety for its own resources and which testifies the Company's desire to distinguish itself as an aware and qualified SUPPLIER up to seize new opportunities, including international ones. To this end, the Policy of Moditech srl is the guide for the progressive improvement of the management system which, through the definition of objectives and targets, allows to maintain or increase its performance in the management of activities that present risks to health and safety of workers.

For this purpose, Moditech srl, after having conducted an in-depth analysis and a rating of the risks of its organization and having identified the risks for workers that may derive from the performance of the activities directly managed or from those over which it can exercise its influence, has defined priority areas of intervention on which the following general objectives are set:

- Ensure that its activities, on site or at the Operating Sites, are carried out in compliance with the current provisions of the law, by personnel adequately trained and provided with the most suitable individual and collective protection systems;
- Identify possible emergency situations in order to implement actions capable of preventing an incident and to periodically plan and test the corrective actions necessary to deal with in case of an event;
- Allocate the necessary resources to ensure the proper application of the principles of this policy and periodically verify the degree and effectiveness of application;
- Maintain effective application of its Health and Safety Management System in the Workplace, involving resources and transferring responsibilities;
- Provide a healthy work environment and carry out operations in such a way as to minimize the risks of injury, illness and accident;
- Define objectives and goals, to be integrated with operational management and company development programs;
- Share the procedures and practices adopted with external contractors, enabling employee responsibility.

EPC Contractor

Moditech Srl designs and develops basic and detailed engineering; it realizes and executes the tests, the checks, the commissioning of the systems and finally manages the maintenance. The experience and reliability achieved in this sector allows Moditech srl to operate in various industrial fields ensuring a high quality supply. The company is able to manage on its own every logistical aspect of the supply and handling of materials up to the construction site, so as to guarantee with its diversified and integrated activities the overcoming and consequent resolution of all the critical issues of a project from the engineering phase to the start up system.

The increasing work carried out abroad in the recent years allows the Company to operate in every part of the world, relying on a team of highly specialized technicians able to develop complex projects while safeguarding the quality standards necessary for customer satisfaction.






INTEGRATED POLICY

The Moditech Srl company was established in 1990 and over the years has focused on the following product sectors:

- MT and BT electrical switchboards;
- Electro-Instrumental Systems;
- Cable trolleys for moving machines and cranes;
- AT and MT terminals for overhead power lines and substations;
- Software development for industrial automation;
- The installation and maintenance of conveyor belts;
- The installation and maintenance of facility management technological systems;

The general management MODITECH Srl, sensitive and fully aware of the implications related to the concept of “environmental protection and health and safety in the workplace” deriving from its activities, recognizes that a responsible economic strategy is essential for its success, for the satisfaction of its customers and all stakeholders. MODITECH S.r.l. therefore undertakes to pursue a policy of continuous improvement of its performance, minimizing, where technically possible, the dangers to the environment and to people, arising from the development of its activities.

Vision

-  Pursue customer satisfaction and in general ensure the satisfaction of the expectations of all stakeholders (Workers, Properties, Suppliers, Partners, Public Bodies) ensuring the continuous improvement of performance through the supply of technologically advanced products and services;
-  Guarantee the presence of a healthy and safe working environment through the continuous improvement of its Integrated Management system;
-  Preserve the environment affected by our activities by limiting the ecological footprint.

Mission

- ✔ Implement and maintain an effective Integrated Quality - Environment - Safety Management System according to the requirements of the UNI EN ISO 9001 UNI EN ISO 14001 and UNI ISO 45001 Standards;
- ✔ Punctually analyze the internal / external context of the organization in order to identify and evaluate any threats or opportunities;
- ✔ Develop appropriate actions aimed at mitigating threats or pursuing opportunities through integrated objectives and targets;
- ✔ Constantly seek to optimize the effectiveness and efficiency of processes;
- ✔ Act responsibly, in compliance with mandatory legislation, ensuring that its activities are carried out at the headquarters or at the operational sites, by adequately trained personnel equipped with the most suitable individual and collective protection systems;
- ✔ Make every effort in organizational, operational and technological terms to prevent environmental pollution and provide a healthy work environment, so that we can carry out our operations in order to minimize environmental impacts, risks of injury, occupational disease and accident;
- ✔ Consistently manage and achieve high efficiency in the use of energy and natural resources, rationalizing consumption, limiting the production of waste and promoting, where possible, its reuse, recycling and recovery;
- ✔ Select and promote the development of contractors according to the principles of this policy, committing them to maintain behavior consistent with it, constantly verifying their results and progress in the development of orders;
- ✔ Ensure that these elements are understood, implemented and maintained at all levels of the organization and that the system is supported by periodic and systematic training and training activities;
- ✔ Ensure that this document is available to all interested parties: employees, contract workers, contractors and visitors;

WHO HAS CHOSEN US



Our final product is intended for the public sector: large private or mixed-shareholding groups, steel, petrochemical, chemical and pharmaceutical plants, paper production, lifting, public services, etc. Below is a list of the main customers:



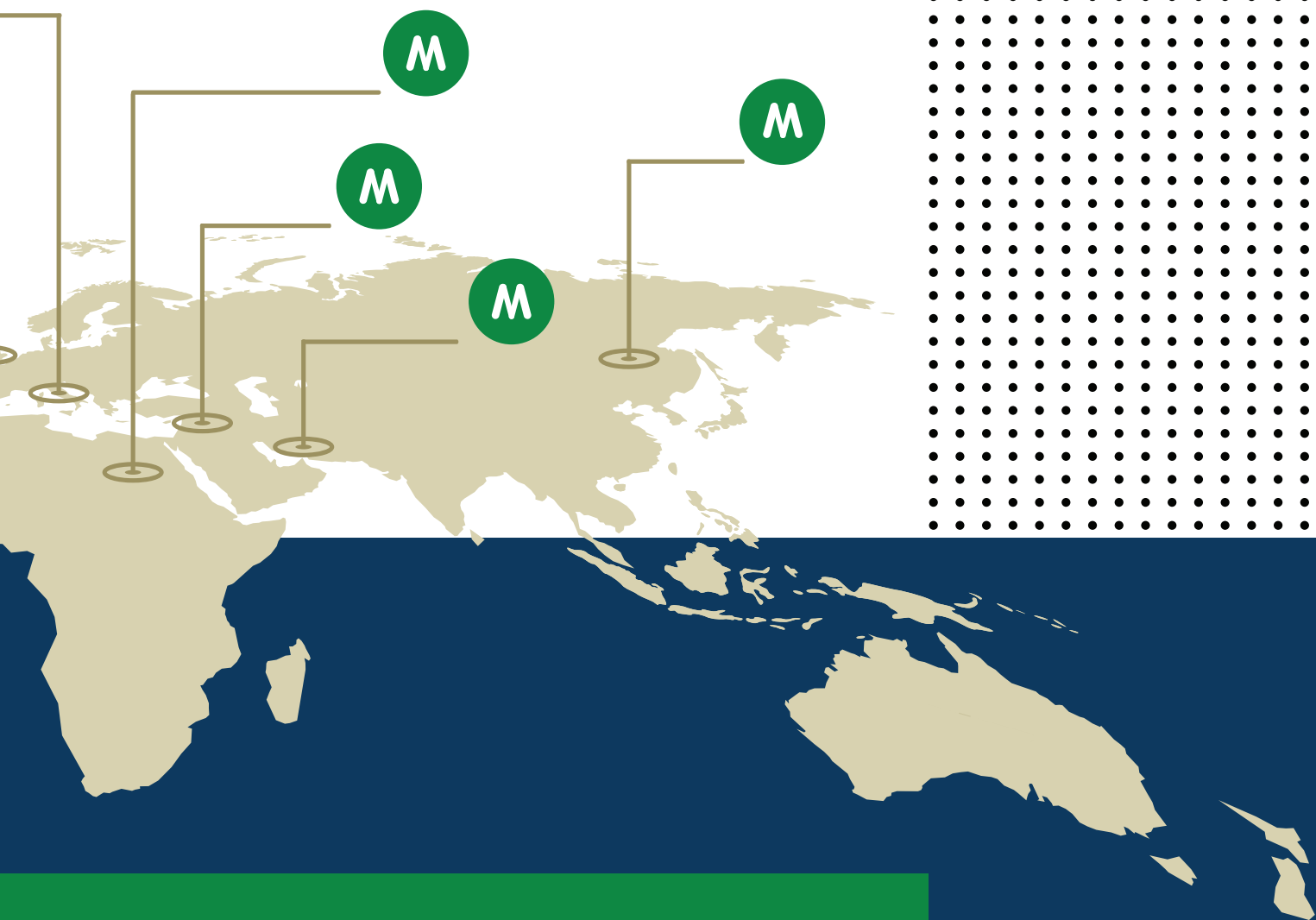


ABB S.P.A.
 ACCIAIERIA ARVEDI S.P.A.
 ALSTORM POWER S.P.A.
 ARCELOR MITTAL TARANTO
 BIESSE GROUP S.R.L.
 DANIELI AUTOMATION S.p.A.
 DANIELI FROLING
 DANIELI OFFICINE MECCANICHE S.P.A.
 DEMSET BALLESTRA
 ENEL - CATANIA
 ENEL GREEN POWER
 ENEL GREEN POWER / 3SUN
 ENEL PRODUZIONE S.P.A.
 ENEL S.P.A.
 ENI
 FINCANTIERI S.P.A.
 FIVES INTRALOGISTICS S.P.A.
 FONDAZIONE SANTA LUCIA - IRCCS
 ILVA
 ITALCEMENTI
 Leonardo S.P.A.
 NIDEC ASI S.P.A.

PAUL WURTH ITALIA S.P.A.
 PRISMA IMPIANTI
 REDECAM GROUP
 REGIONE PUGLIA
 SACCHETTI SOCIETA' CIVILE
 SAN GIORGIO AUTOMAZIONE
 SEASTEMA
 SEIT IMPIANTI
 SET
 SIAD M.
 SIDERURGICA TRIESTINA
 SIEMENS S.P.A.
 SLOVENSKE ELEKTRARNE A.S.
 (GRUPPO ENEL)
 SMS GROUP S.P.A.
 TECHNIP ITALY S.P.A.
 TENARIS DALMINE
 TENARIS
 TERNA RETE ITALIA S.P.A.
 TIRRENO POWER S.P.A.

CERTIFICATIONS AND CERTIFICATES

All Moditech srl production has always been based on the use of top quality and certified components, both for specification reasons and for the direction of the company . The highly skilled and experienced staff is a perfect connoisseur of the issues related to the management of strong and weak currents, insulation and accident prevention.

All supplies and systems are tested internally in its own test room and, if required, type tests are carried out with CESI or other body certificates. The validity of the internal procedures and our organization have made it possible to obtain from the CSQ the certification of the Moditech quality system in compliance with the ISO 9001 Standards. All company functions contribute to determining the necessary requirements for CSQ Certification and its maintenance.

Health and Safety Management System Certification for Workplaces

Safety at work has always been a priority of Moditech srl and in the current economic context it is even more so, especially for companies that are involved in activities considered to be at high risk such as the shipbuilding sector.

Moditech srl is careful to operate in full compliance with the safety of employees, customers and third parties in general, trying to adopt attitudes aimed at preventing the risk of accidents. This commitment has allowed us to achieve the prestigious Certification on Occupational Health and Safety Management Systems which for us is, more than a goal, a new starting point.



Environmental Management System Certification

The ISO 14001 environmental certification certifies the compliance of a company or entity with the international standard UNI EN ISO 14001, establishing the requirements of an Environmental Management System (EMS) that leads an organization to operate in respect of the environment through the control of various forms of pollution, the rational use of energy sources and adequate disposal of waste and waste.



Standard System Certification

- ISO 9001 Quality Management System
- ISO 14001 Environmental Management System
- ISO 45001 Occupational health and safety management



RATING CRIBIS D&B I



IQNET 1



IQNET 2



CSQ H&S

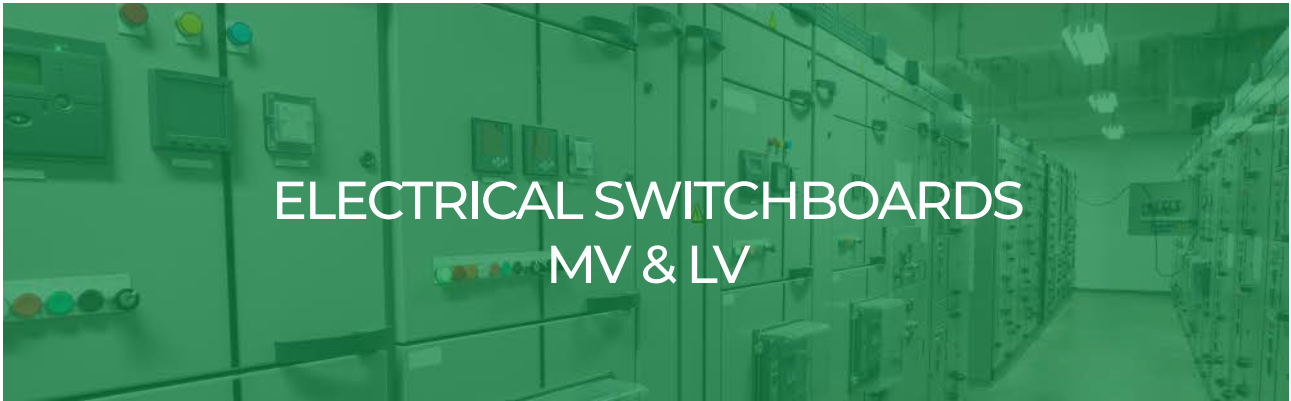


CSQ



ARGENTO S.O.A.

OUR PRODUCTS



ELECTRICAL SWITCHBOARDS
MV & LV



TERMINALS (CLAMPS)
FOR MV & HV ELECTRICAL LINES



CABLES TROLLEYS
FOR HANDLING



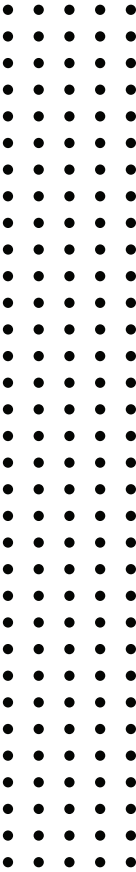
SOFTWARE
DEVELOPMENT



FACILITY
MANAGEMENT



INDUSTRIAL
AUTOMATION



ELECTRICAL SWITCHBOARDS MV & LV

At Moditech srl we develop, design and build electrical panels for DC drives and a.c., M.T. and B.T. electrical panels. Our production is developed on modular, extensible and flexible STD lines able to satisfy any customer request. We are able to create, on specific request, any type of switchboard, also developing the construction and the electrical design.

Activity exercised

IN HEADQUARTER

- Development, planning and construction of electrical panels for DC drives and a.c., M.V. and L.V.
- Development and planning of electrical instrumentation and automation systems.
- Development and planning of H.V. and M.V. for overhead power lines and substations.
- Development and planning of cable trolleys for crane feed festoons and moving machines.

The activity is carried out in an industrial building of mq. 4,200.

OFFSITE

- Electrical / instrumental assembly;
- Installation of software systems with commissioning of systems;

These activities are carried out in the industrial sector in the following sectors: steel, chemical, lifting, paper, food and energy.



Our production

It is developed not only on modular, extensible and flexible STD lines able to satisfy any particular request, but we are available to create any type of switchboard(panel) according to specification, also developing the construction and electrical planning.

STD PRODUZIONE

- **MEDIUM VOLTAGE:**

Three lines of "METAL ENCLOSED" type panels for nominal voltages 12 KV, 24 KV, 36 KV equipped with underload disconnectors, V.O.R. switches, SF6 or vacuum-sealed fixed, semi-extractable or extractable on trolley.

- **TRANSFORMATION SUBSTATIONS:**

Kiosk type or self-supporting container type, made of carbon steel, stainless steel, aluminum, glass resin.

- **LOW VOLTAGE:**

- POWER CENTER type panels
- Distribution boards
- MCC switchboards
- Power factor correction panels
- Synoptic panels
- PLC panels
- Drive panels for D.C. motors
- Drive panels for c.a. motors
- Desks and control desks

Our Quality

All our production has always been based on the use of top quality and certified components, both for specification reasons and for business orientation. The highly specialized and long-experienced staff is a perfect connoisseur of the issues related to the management of strong and weak currents, insulation and accident prevention. All supplies and systems are tested internally in its own testing room and, if required, type tests with a CESI certificate or by other bodies.

The validity of the internal procedures and our organization have made it possible to obtain from the CSQ the certification of the Moditech quality system in compliance with the ISO 9001 Standards. All company functions contribute to determining the necessary requirements for the CSQ Certification and its maintenance.

TERMINALS FOR MV & HV ELECTRICAL LINES

Moditech srl has developed a recognized know-how in the production of elements for HV / MV overhead power lines. The company has a modern certified laboratory to perform type tests and acceptance testings, with a structure of specialized technicians for the design (planning), testing and quality control of terminal blocks and accessories for HV / MV power lines. This allows us to offer innovative and reliable solutions of the highest quality.

Products

- **TERMINAL BLOCKS AT ELECTRICAL STATIONS**

- “T” coupling through conductor branch-tang derivative

- “T” coupling through conductor-branch derivative

- Conductor-tang coupling

- Tang-plate coupling

- Conductor-plate coupling

- Plates

- Pipe-plate coupling

- Elastic Joints(Junction)

- Straight Pipe Junction

- Spacers

- Terminals for terminal blocks

- **EQUIPMENT AND TERMINALS FOR HIGH VOLTAGE AERIAL(OVERHEAD) POWER LINES**

- **HIGH TEMPERATURE TERMINALS FOR HIGH VOLTAGE AERIAL(OVERHEAD) POWER LINES**



CABLES TROLLEYS FOR HANDLING

The presence of Moditech srl in the sector dates back to 1980 with the acquisition of the former company ELTIN. The trolleys produced are of the standard type for mobile feeding of port cranes, overhead traveling cranes, industrial machines and moving systems. For specific needs, Moditech srl is able to design trolleys according to the required speed and capacity. The production is mainly aimed at manufacturers of cranes and bridge cranes, as well as their maintenance staff and consists of a 2000 type galvanized and stainless steel and European type duct, with relative accessories; trolleys of various capacities for IPE and NP beams; the square tube line for curved systems; telescopic anti-collisions; the buffers; various accessories and also flat and self-supporting cables. Over time we have introduced a new line of power supply products called “trolley elite”, designed for all lifting equipment not exposed to atmospheric agents.

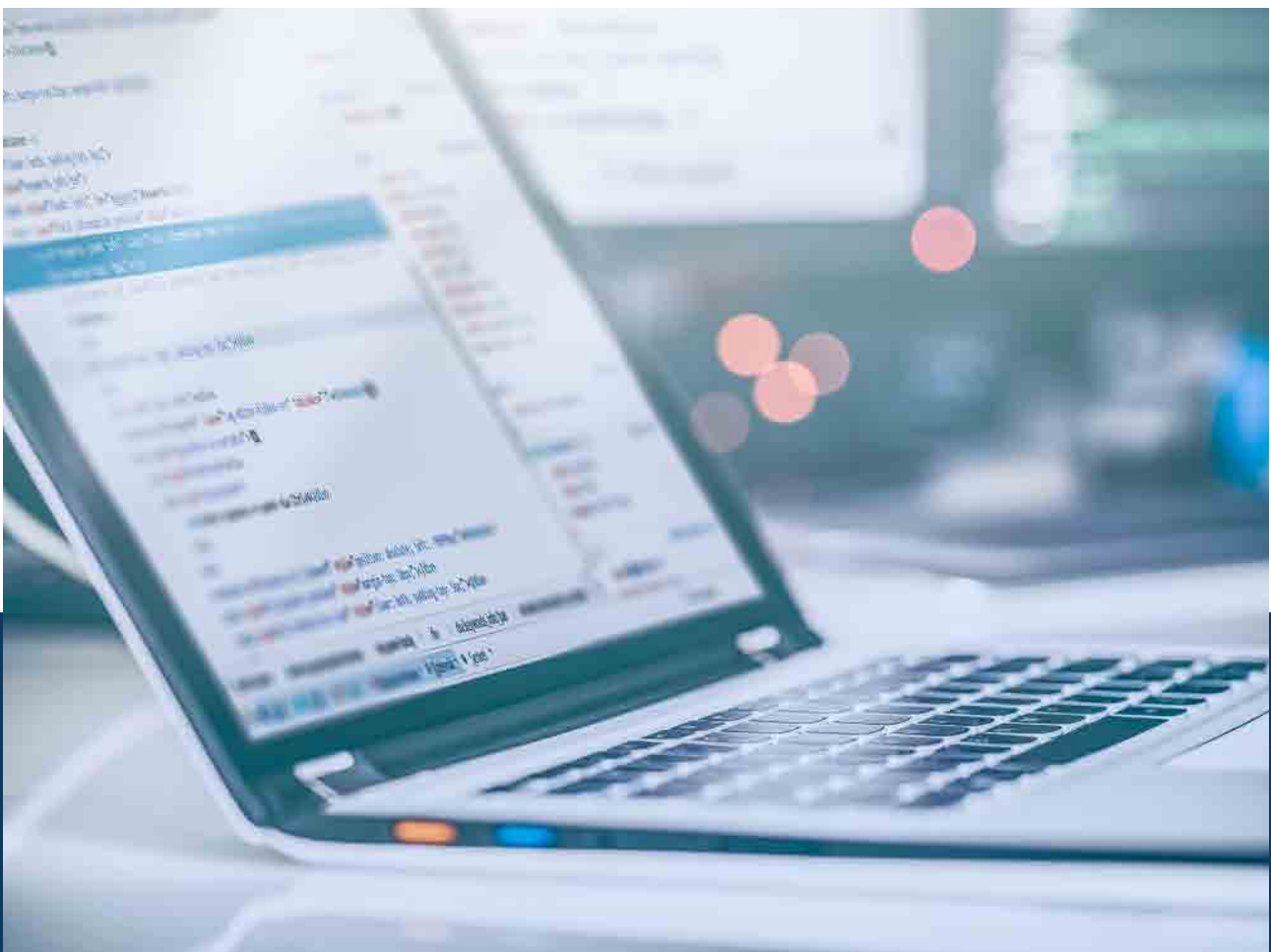


SOFTWARE DEVELOPMENT

Since 1999 Moditech srl has diversified its offer on the market by starting the software development activity for industrial automation. The acquired know-how allows the company to satisfy the requests and specifications of customers of international importance. Projects have been developed in various industrial production sectors such as the steel industry and the automation sector.

Moditech srl has matured, over the last 10 years, a significant knowledge of industrial automation systems applied to the various areas of intervention. In particular, he focused on the construction and maintenance of production automation systems, directly dealing with all phases:

- Project execution
- Commissioning
- Staff training
- Documentation
- Subsequent assistance



FACILITY MANAGEMENT

Moditech srl has a consolidated experience in Facility Management, formed over time through projects and provision of services to industrial customers and prestigious public and private buildings. With the Facility Management service of Moditech srl, the customer can delegate the integrated management of auxiliary services and activities not related to his core business, such as the Engineering of Works and Plant Maintenance services. Feasibility studies and system planning are carried out to support the services from the construction phase to the management phase.

All project-related activities, from the analysis of the technical and economic needs of customers to the executive project of the work, are part of the engineering of the works. Moditech srl provides for a structured design which, starting from the feasibility study, allows the precise identification of costs and technological choices up to the executive project of the work or service including the plan of activities, resources, technical specifications and everything with regard to safety on the workplace.

Mechanical and Industrial Maintenance

Moditech srl holds multi-year maintenance contracts both in the steel industry and in the automation sector, guaranteeing the operation and preventive, scheduled and extraordinary maintenance of systems serving the property, thermomechanical systems, electrical and special systems such as transformation cabins MT / BT, UPS and uninterruptible power supplies, low voltage and medium voltage switchboards, secondary area switchboards, lighting bodies, goods sorting systems in the field of large distribution and baggage handling in the airport field, fielding high-profile professional skills technical.



INDUSTRIAL AUTOMATION

The automation sector of Moditech Srl employs 1 sector manager and some permanent internal and external collaborators. The staff, with a long experience gained in the industrial automation sector, is able to develop complete automation systems including process control software for PLC, supervision systems on PC (SCADA) or human machine interface on dedicated platforms (HMI), using the hardware and software products of the most renowned automation component manufacturers such as Siemens, Rockwell Automation, Schneider Electric, G.E.Fanuc, etc.

The usual use and experience gained in the configuration and management of standard or proprietary communication networks and field buses, such as Ethernet, Profinet, Devicenet, ControlNet, Modbus and Profibus-DP, both on copper and optical fiber supports, it does not create problems even for the development of the most complex architectures for the most demanding customers. The offer is completed by the capability of configuring, testing, tuning and commissioning drives for c.a. motors and in c.c., digital type, of the latest generation, manufactured by Siemens, ABB, Answer Drives, Telemecanique or Allen Bradley managed in a wired way or through network communication.

The usual external collaborators, selected and qualified by us, expand the possibilities of dealing with a large number of contemporary orders or the development of large projects and complete and support our company for the development of projects with equipment or software for use for we don't habitual.



For reference title, our projects have been carried out for installations and production sites in Italy, France, Belgium, Germany, Luxembourg, Ukraine, Turkey, Vietnam, Democratic Republic of Congo and Tanzania with clients such as:

Fiat Group (Fiat Power Train, Alfa Romeo, Magneti Marelli), 3M Group, Rizzoli Periodici, Whirlpool, Merloni Elettrodomestici, Valeo, Candy Elettrodomestici, Paul Wurth SA, Riva Acciai Group (ILVA), Arcelor Mittal Italia, Cartiera Reno de Medici (ABB Paper), Plant Cogne Acciai Speciali, Acciai Speciali Terni-Thyssen, Lucchini-Severstal, Voest Alpine Impianti – Siemens / Vatech, ENEL, Techint, Danieli Automation, Tenaris Dalmine, Desmet Ballestra SpA, Acciaierie Triestine, Arvedi SpA.

Automation and Control Panels

The automation panels are divided into:

- **PLC - PLC Panels**
Control panels with programmable logics
- **REM - Remote I/O**
Control panels with remote I / O
- **MCD - Main Control Desks**
Main control desk with commands via push-button panel or touch monitor
- **LCS - Local Control Station**
Local control boxes with push-button panel or operator panels
- **SSY - Supervision System Panels**
Panels containing PC or Server for supervision systems
- **HMD - Human Machine Interface Desk**
Sections of control desks for interfacing with supervisory systems
- **NET - Network Panels**
Switchboards containing network connection systems
- **EMP – Emergency panels**
Switchboards containing safety PLC or safety wired logic

Moditech_{s.r.l.}

Legal and Operative Site Via del Lavoro, 54 - 20874 Busnago (MB)

Telephone +390396820711

Fax+390396820746

Secretariat moditech@moditech.it

www.moditech.it

