



MERIDIANA IMPIANTI

SMART ENERGY PLANTS



CLEAN ENERGY
FOR A CLEAN WORLD

● RENEWABLE ENERGY



● ELECTRICAL SYSTEMS

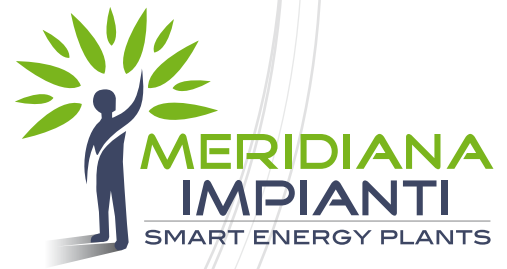


● SECURITY



● DATA
TRANSMISSION





CLEAN ENERGY
FOR A CLEAN WORLD

tional labor management, testing and certification of security equipment and card read outs.

We know well that objectives, needs and budgets are factors that vary in every situation and are specific to each customer. For this reason, we believe, the best way consists in organizing each project with a team and a choice of ad hoc technologies, which may integrate better with the needs of the customer.

Meridiana Impianti is committed to promoting environmental sustainability through intelligent energy management. Technology and proper planning are the strength of our company, always careful to minimize the environmental impact of its accomplishments, and find the best solutions to deliver to you and future generations a better world.

“You must to choose us not for what we have done, but as we have been able to do.”

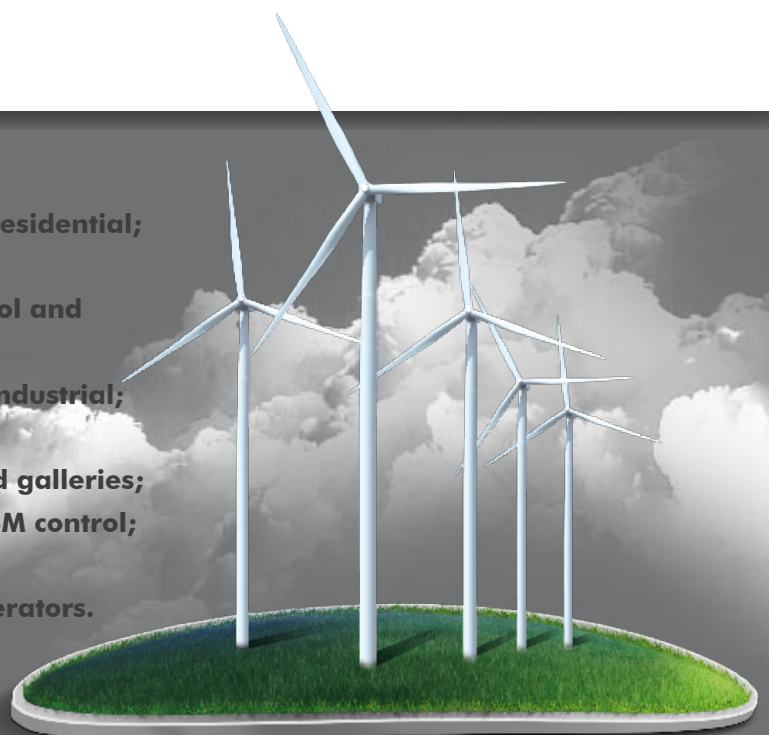
Meridiana impianti is a company that has been in the national and international markets for over twenty years. Our philosophy has the fundamental points of: **Competitiveness, Excellence, Honesty and Transparency.**

We have qualified staff with wide experience in large systems in the use of high quality materials. They are the best guarantee of what we can offer to the Public or private Industry and private citizens for those technological projects relating to energy facilities that go from small, medium to large systems.

Meridiana Impianti also offers its customers a complete range of services such as feasibility studies, formulation of budget and cost analysis, technical and opera-

MAIN SERVICES

- Implementation of infrastructure Photovoltaic;
- Electrical systems for commercial, industrial and residential;
- Implementation of dedicated electrical panels;
- Environmental security systems with remote control and fire detection;
- Lighting systems for residential commercial and industrial;
- Public lighting systems;
- Redevelopment lighting systems for museums and galleries;
- Project rendering and automation design with GSM control;
- Professional Internet computer networks;
- Installation of single phase and three phase generators.





ENERGY PRODUCTION

The Sun is a valuable source of energy because underestimate?

Meridiana Impianti has always been sensitive to its environment and exploitation. For over fifteen years we have been sensitive to the pollution that has transformed our ecosystem, therefore we have led an environmental policy focusing on renewable energy. This policy, orient our customers to use environmentally friendly and inexhaustible energy sources for electrical production, which helps to save our planet and keep it clean. There are currently incentives in various forms sponsored by the Italian government and Local Authorities.

Our company offers qualified technical and management support, providing specific solutions and advanced engineering to create "Electric Workshops" of any size, power and structure in the following energy sectors: **Photovoltaic - Wind Power - Solar Thermal**.

Meridiana Impianti is always careful to ensure the least environmental impact of its power plants. The integration of photovoltaic systems, the environment and the architectural structures, is in complete harmony and in complete accordance to local rules. Many businesses, still underestimate the opportunities offered by photovoltaics. The roofs, or just any cover

from the sun can turn into an opportunity to generate extra profits for the company.

The photovoltaic systems designed and installed by our company are not only a viable choice, but also an investment simply to maximize profits, while saving energy. Our experience is the result of a commitment that has evolved day by day, and project by project, with our attention to detail, and continuous improvement.

Efficient Solutions & LED Technology

One of the interesting areas with higher margins of savings is residential and public lighting. To better illuminate while spending less, it is necessary that we rely on the best technologies available today, such as lamps with LED technology with **LED Technology**.

Meridiana Impianti, thanks to its collaborations and experiences abroad in African countries, has installed LED Stand-Alone systems, consisting of photovoltaic module, storage battery and a projector capable of a street lighting system, low environmental impact, and totally disconnected from the mains. We can illuminate, road islands, independently, ensuring low maintenance, high efficiency, excellent color rendering, and without risk of electrical accidents due to high voltages.

SERVICES SECTION

- Grid-connected photovoltaic systems for electrical production with incentives;
- Installations for the production of energy with wind power generators;
- Installations for the production of potable water with solar collectors;
- Design of hybrid generation (conventional and renewable sources);
- Off-grid power plants for electrical production;
- Photovoltaic systems for pumping water;
- Lighting systems with LED technology;
- Street lighting in a mode Stand-Alone;
- Photovoltaic Parking with outlets for electric vehicles;
- Monitoring and control of energy efficiency.





ELECTRICAL SYSTEMS

The plant industry, is one of the most important activities of Meridiana Impianti, nel cui campo, in whose field has gained undisputed twenty years experience in the whole national and international territory.

Throughout our activities we have constructed and implemented countless electricity distribution networks from the excavation to installation of power lines, with the connection of transformers up to 20 KV, consisting of underground cables or overhead, for connecting to ENEL or from the distribution network of energy produced by his own production plant.

We employ the best industry skills to meet any request for the design and construction of electrical systems in all areas of application: Expansion of distribution panels and control, consumption monitoring for the redevelopment of existing facilities with a view of energy efficiency.

We consider ourselves a company that has the professional skills to stand as a valid interlocutor with both the Public Administration, and Private Sector

for the construction of large power plants, in the industrial as well as commercial sectors. Whether it is an executive office center, clinic, hospital or a large shopping mall; we also install their security systems or we implement their regulatory compliance, resulting in the release of Certifications and Compliance Statements. We design and manufacture equipment for use in residential dwellings, villas, hotels, and buildings.

We offer intelligent solutions for wiring and energy management building (building automation), in accordance to the specific needs of "the project". We can take the design stage through to the ordinary and extraordinary maintenance to troubleshoot and reduce to a minimum disruption from sudden power failure or disconnect from the mains, a consequence of functional disruption that can result in valuable downtime and the loss of productive activities.

Our goal is to offer our clients and customers one stop "Full Service" Company that addresses all angles of the commissioned works, thereby avoiding problems of coordination with other companies and institutions that often cause delays in delivery and long delays in certification.

SERVICES SECTION

- **Wiring of electrical networks in industrial and commercial facilities;**
- **Supply and connection of distribution panels of Medium Power;**
- **Design and implementation of power factor correction systems;**
- **Design of power systems for residential use;**
- **Installation of electronic control for power safety;**
- **Implementation of lightning protection systems ;**
- **Electrical networks for public street lighting;**
- **Erection of Lighting Towers in street areas and sports facilities;**
- **Analysis of the electrical network and measurement of Energy and Power;**
- **Testing and certification of safety according to current regulations**





SECURITY SYSTEMS

We consider security as an element of “feel safe”, giving you the assurance of leaving your home in good hands, knowing that it is secured by the technology that: Detect, Report, and Alert.

Our security division was established in 1994 with the idea of providing our customers with services and facilities as versatile and technologically advanced, to satisfy a market that is becoming increasingly important in the global integration.

With more than 1,000 systems installed, including residential, commercial and industrial. The symbiosis of systems of various kinds of protection against fire, intrusion and access control demonstrate the effectiveness of our perimeter security to protect your loved ones, your property, and your possessions.

Guaranteed protection, backed by unbeatable performance and ongoing support in place, the strength of our company in this field is our consulting team that offers advice and assistance. Our Security division is one of the pillars of strength for which our Company is widely known in Italy and abroad.

Contrary to what one might think, just to invest in security doors, gates, and barriers is not everything, although this may make people feel protected. But total security comes from the small details, everything that increases the degree of control of the environment in an invisible way.

For this reason we invest to increase our know-how in the field of: Infrared, microwave, recording, storage of images and Remote Alert, These are some of the advanced technological innovations in which we specialize, technology that gives the feeling of “non-intrusive” even when people are on the monitored location.

Robustness, Upgrade, Ease of installation, warranty and European certification of our products, these are the elements that constitute the added value of the security systems installed by **Meridiana Impianti**, for which we have earned the reputation of a company that always knows how to combine quality and affordability in suggesting solutions to its customers, always finding the right quality / price ratio.

SERVICES SECTION

- Perimeter protection systems to triple technology;
- Systems for fire detection/suppression and gas leaks;
- Wireless intruder alarm systems;
- Alarm devices connected with the supervisory institutions;
- Video surveillance systems with monitoring of Android smartphones and iPhone;
- Centralized solutions for Banks and metropolitan areas;
- Control systems and RFID and Biometric access logging;
- Motorized gates and parking fees for automated teller machines;
- Systems to read license plates (ANPR);
- Detection and alarm signal of human presence on ground.



NETWORKS DATA TRANSMISSION

Today, in an increasingly growing, the advent of new technologies, especially information technology, and the emergence of Internet-related computer services require today the availability and support of data networks faster and faster and safer and safer, especially in corporate environments with high quality standards.

Our solutions have always offered a mix of electronics, high levels of safety and functional scalability, becoming more "intelligent", because they integrate the most innovative devices in the private sector and the industrial world. This has been not only our specialty for many years but also our passion for the innovative technology.

As true pioneers of new methods of remote telecontrol and monitoring, communication, and remote monitoring, we believe we can boast all our experience and expertise to advise on the appropriate manner, to our customers, the best solution to achieve the best cost / benefit ratio.

Our company has demonstrated over the years high capacity in design, implementation and management of major projects of computerization for Public

Agencies and Private Companies, implementing their communications infrastructure and service systems in hardware for broadband intranets, personalized services that are specifically required to implement in their work environment (firewalls, mail servers, VOIP, Proxy servers, etc.).

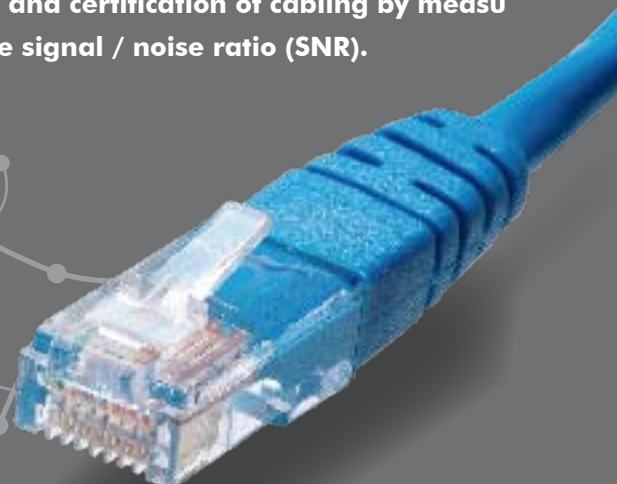
To distribute network services we install certified CAT6 wired systems with a capacity of up to 10 Gbit / s, using shielded cables or fiber optics, inside or outside buildings, data lines for dedicated hardware devices designed to create VPN (Virtual Private Network) to interconnect: remote offices, data centers, decentralized offices for telecommuting.

We plan environments with centralized control cabinets Rack mounted, air conditioned and equipped with removable console for administration and maintenance.

Meridiana Impianti uses its own resources to propose projects, both simple and complex, together with a multi-media consulting and assistance, for the extension of LAN systems with Wi-Fi, for the conversion of the backbone fiber optic interconnect, for the migration of telephone services of VOIP protocol to test reliability and security of your network infrastructure.

SERVICES SECTION

- Design and implementation of Ethernet, Token Ring BUS and RS-485;
- Redevelopment of networks in a mode Wi-Fi up to 5 GHz;
- Configuring Hot Spot in accommodation and Internet Café;
- Installation and configuration of network equipment (Switch, Router and Firewall);
- Construction of Fax servers and Mail servers;
- Installing Firewalls and proxy servers;
- Installation of telephone repeaters for signal GSM / UMTS;
- Centralized PBX telephone systems with RTG, ISDN and VOIP;
- Provision of ADSL without phone line with WiMax technology;
- Testing and certification of cabling by measuring the signal / noise ratio (SNR).





SERVICE & MAINTENANCE

We assist our clients even after completion of a project

Fully developed modern infrastructures whether they are industrial or commercial, require proper maintenance to preserve "the Efficiency" and "Value". These factors become of paramount importance, to protect the investment for as long as possible.

Organizations contracting for maintenance benefit from various advantages: first, the security of always having a "system" in optimum condition, and second the option to scale up and improve for future development and expansion, resulting in functional effectiveness and efficiency. Our maintenance program includes the preplanned replacement of items, upgrading with top-of-the-line devices as the technology changes.

Meridiana Impianti works side by side with the customer who follows step by step the development of the project. We provide all the assistance in order to benefit from a careful review of the results expected

from the investment, because our main goal is never to betray the expectations of the customer.

Our company offers:

- Availability 24 hours 365 days;
- Census for installations and structures;
- Assumption to the Subordinate to the law (Third Head, Declaration 46/90);
- Service security consulting Law 626/94 and additions, ISPEL, Fire Brigade etc.)

In order to introduce our maintenance plan, we offer economically progressive and varied options, before the commitment of a contract for technical support and maintenance with our customers, allowing them to see for themselves the benefits associated with their use.

Meridiana Impianti provides support services, in its basic form for a fixed period of time, usually one or two years, with the reasonable hope that at the end of this period the customer will be very satisfied and will continue to use our services, and the relative cost will be spread out depreciating in the medium term.

TYPES OF MAINTENANCE

OCCASIONAL

The customer can call at any time assistance. Subsequent costs arising from movements on site for inspections, servicing and replacement of components and materials will be evaluated on a case by case basis, estimated and agreed with the customer.

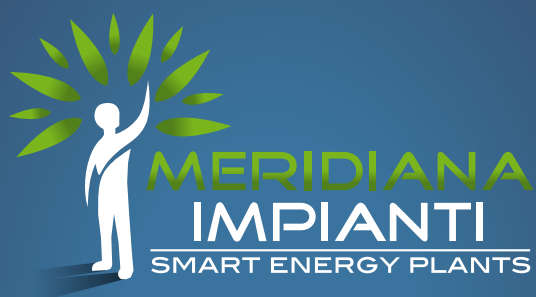
FULL

It is a contractual solution that seems more like an insurance policy, covering every possible eventuality totally, including the periodic inspection and maintenance operations and extraordinary repair and replacement of system components.

AREAS OF EXPERTISE SERVICE AND MAINTENANCE

- Energetic Division
- PV and Energy Renewable Division
- Security Division
- Electronic Division

Meridiana Impianti, represents a reliable partner for small and large orders throughout in all Italian and European territory, to have a single interlocutor for all requirements on management and maintenance. In fact, our Company with its expertise in collaboration with specialized partners is able to satisfy every need of the customer, from the electrical installations and technological to the civil construction, for major customers with behind industrial realities complicated.



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