teleimpianti

S.p.A.

technology partner

Teleimpianti S.p.A. was established in 1974 and is a system integrator specialised in the design, installation and maintenance of security systems, business communications solutions and building management systems focused on comfort and energy savings.

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S.p.A.

Teleimpianti S.p.A., with its head office in Bologna and with offices in Modena, Milan and Bari, is a system integrator operating throughout Italy specialising in the

- **Design**
- **Installation**
- **Maintenance**

of **communication** and **security** systems and **building automation** solutions focused on comfort and energy savings.

The team of systems engineers is able to design, configure and integrate complex solutions for the automation of technological systems. Its vision goes beyond the concept of Industry 4.0 and aims to make special systems communicate with each other to ensure a high standard of comfort, a significant **reduction in energy consumption** and facilitate the company's **digital transformation** process.

Teleimpianti S.p.A. has a technical department dedicated exclusively to **full comprehensive maintenance**, available 24/7, 365 days a year. This service allows the systems to be kept in perfect working order, ensuring they are continuously updated in order to protect the customer's investment in the best possible way.

1974

Bologna, Modena
Milan, Bari

Industries, business premises,
residential properties and PA systems

Full comprehensive technical
assistance and maintenance
24/7, 365 days/year

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Security
Innovative and integrated safety solutions
Intrusion and burglary protection | Access control | Video surveillance video analysis | Fire detection and suppression | Home Security

Smart building
Metering, control, tuning of overall extra-low voltage systems of the building
BMS & System Integration | Energy Management

Collaboration & Media
Digital & Smart Collaboration, solutions and installations
Meeting Rooms | Conference Rooms | Training rooms | Video conferencing | Room Bookings | Digital Signage

Voip & Data
Unified communications
VoIP & Cloud Solutions | Voice, Internet, Mobile | WiFi | Cabling & Networking

Assistance
Comprehensive on-site maintenance
Unlimited materials, labour and calls | Preventive inspections | Help Desk | Warehouse with new original spare parts

Guglielmo Marconi Airport

Bologna Guglielmo Marconi Airport is the main airport in Emilia-Romagna and one of the most important airports in Italy.

The airport was the winner of the ACI Europe Best Airport Awards and is seeing a steady increase in domestic and international flights.

Teleimpianti S.p.A. built **the security and safety systems and manages their maintenance through dedicated onsite technicians.**

2,450,000
Total sq m

45,000
Sq m of air terminal surface area

2,800
Runway length in metres

5,100
Parking spaces

Teleimpianti is responsible for:

Security

- HD video surveillance system with over 500 camera points.
- Fire detection with over 1,000 sensors.
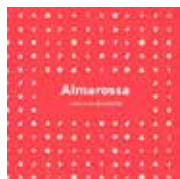- Supervision system with graphic maps.

Collaboration & Media

- PA system with emergency messaging.

Technical assistance

- Full comprehensive maintenance service.
- On-site technical support.
- Availability 24/7, 365 days a year.

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Almarossa Hospitality

Almarossa is a hospitality complex in the heart of Bologna, offering both Bed&Breakfast services and self-catering apartments.

The building, dating back to the 1920s, was constructed in a neo-Gothic architectural style. It has recently been renovated and opened to the public.

The 24 apartments have been equipped with modern comforts, designed according to the criteria of environmental sustainability.

All of the areas managed by Almarossa are equipped with advanced technological solutions: **Latest generation WiFi, Gigabit ethernet connectivity, video surveillance, fire detection, VoIP sys-** **tem, networking, RFID access control, climate control, building automation, energy saving and cloud-based virtual reception.**

Almarossa is equipped with a virtual reception, a system that allows the management of entrances and exits at any time as well as the opening of internal and external doors remotely, without requiring a physical presence on site.

24
Apartments

5
Various accommodation options

1926
Year of construction of the building

3
Suites

Teleimpianti is responsible for:

Security

• Intrusion detection system.
• HD video surveillance.
• Fire detection.
• RFID access control.

Voip & Data

• Cloud-based virtual reception.
• Latest generation WiFi.
• Ultra-fast connectivity.
• IP video door entry system and telephony.

Smart building

• Building automation.
• Energy saving.

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SpA

Ascot Ceramiche

A key player in Italian ceramics and its history for over thirty years, Ascot has its headquarters, production plants and research laboratories in the heart of the Sassuolo (Mo) district, the industrial area at the global forefront for innovation, quality and style.

Ascot specialises in research into natural materials, clays and minerals, which its exclusive technological processes then transform into floor and wall ceramics, interpreters of the new culture of living and dwelling.

Over the years, Teleimpianti S.p.A. has designed and built the networking, telephone and **security systems necessary for the company to communicate effectively between its plants, guaranteeing an excellent technical assistance service on all the systems supplied.**

2
Production facilities

250
Employees

60
Annual turnover
in millions of Euro

7
Million sq m of annual
production

Teleimpianti is responsible for:

Security

- Intrusion detection system.
- Access control with RFID technology.
- HD perimeter video surveillance.

Technical assistance

- Full comprehensive on-site maintenance service.
- Unlimited labour, spare parts and calls.

Voip & Data

- Networked VoIP communication platform with DECT coverage.
- High-speed LAN network.
- Active network equipment in Gigabit technology.
- Latest generation WiFi system for total coverage of two plants with controller in "high reliability" configuration.

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Basilica di San Luca

The Sanctuary of the Madonna di San Luca, a national monument since 1874, is a symbol of the city of Bologna and is the place most loved and venerated by the citizens of Bologna.

It dominates the city rising on top of the Colle della Guardia at a height of 300 metres and can be reached by walking through the longest colonnade in the world and a Unesco heritage site. The Basilica houses the icon of the Virgin and Child and has been a destination for religious pilgrimage since its beginnings.

Teleimpianti S.p.A., in collaboration with the Enzo Hruby Foundation, designed and built a **complex video surveillance system to protect the Basilica.**

The objective was to equip the Sanctuary with a security system designed for video-surveillance and the recording of images of certain areas of **particular interest and vulnerability.**

The protected areas are those relating to the accesses open to the public and the works of art and valuable items stored inside the Basilica. A security system protects important works of art from theft and vandalism. The installation was carried out with **great care and with the approval of the Superintendency of Cultural Heritage.**

1194
Construction of the
Sanctuary started

1755
Construction of the
Sanctuary completed

3.8
Km of colonnade

666
Arches

Teleimpianti is responsible for:

Security

- HD video surveillance.
- 24h motion detection image recording system.
- Control room.
- Video analysis with alarm system.
- Security system to protect works of art.
- PA system.

Voip & Data

- WiFi.
- Telephone connectivity.

Technical assistance

- Full comprehensive maintenance service.
- Availability 24/7, 365 days a year.

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Bonfiglioli S.p.A.

The new production plant of Bonfiglioli S.p.A., a world leader in the market of electrical transmissions and drives for industrial handling, renewable energy systems and self-propelled machinery, located in Calderara di Reno (Bo), represents technological excellence and an Industry 4.0 benchmark in the field of industrial processes.

The digital factory project, called EVO (evolution), requires the management of vehicle access ways with **reliable and secure technologies that guarantee the automatic recognition of authorised vehicles** without the intervention of an operator with the automatic and controlled opening of the gate itself.
For this reason, an advanced gate control system was built with **ANPR number plate reading cameras and Telepass readers** to ensure the best experience for visitors and employees.

A **video surveillance system of the gates was also designed and built using AI cameras with deep learning** to detect improper use of the gate, such as the entry of vehicles driving in the wrong direction. In these situations, personnel is automatically alerted so that they can handle any dangerous situation that could arise.

15
Production plants

4,000
Employees

80
Countries

24
Branches

Teleimpianti is responsible for:

Security

- Access control of vehicle access ways with ANPR recognition system.
- Access control with UHF long range system.
- High risk zone control through thermal imaging equipment.

BPER:
Banca

BPER

Seriousness, transparency and professionalism are the underlying values that inspire the BPER Group's "way of banking", aiming to assist families and businesses in terms of savings and resources, understanding credit as a tool for development and promotion of the territory.

Teleimpianti is BPER's partner for **collaboration and security, with innovative systems and solutions to protect corporate assets, customers and employees.** Maintenance is guaranteed by a **full comprehensive assistance service on site, covering the whole of Italy.**

1867
Year of establishment

1,400
Number of branches

15,000
Employees

3rd
Banking group
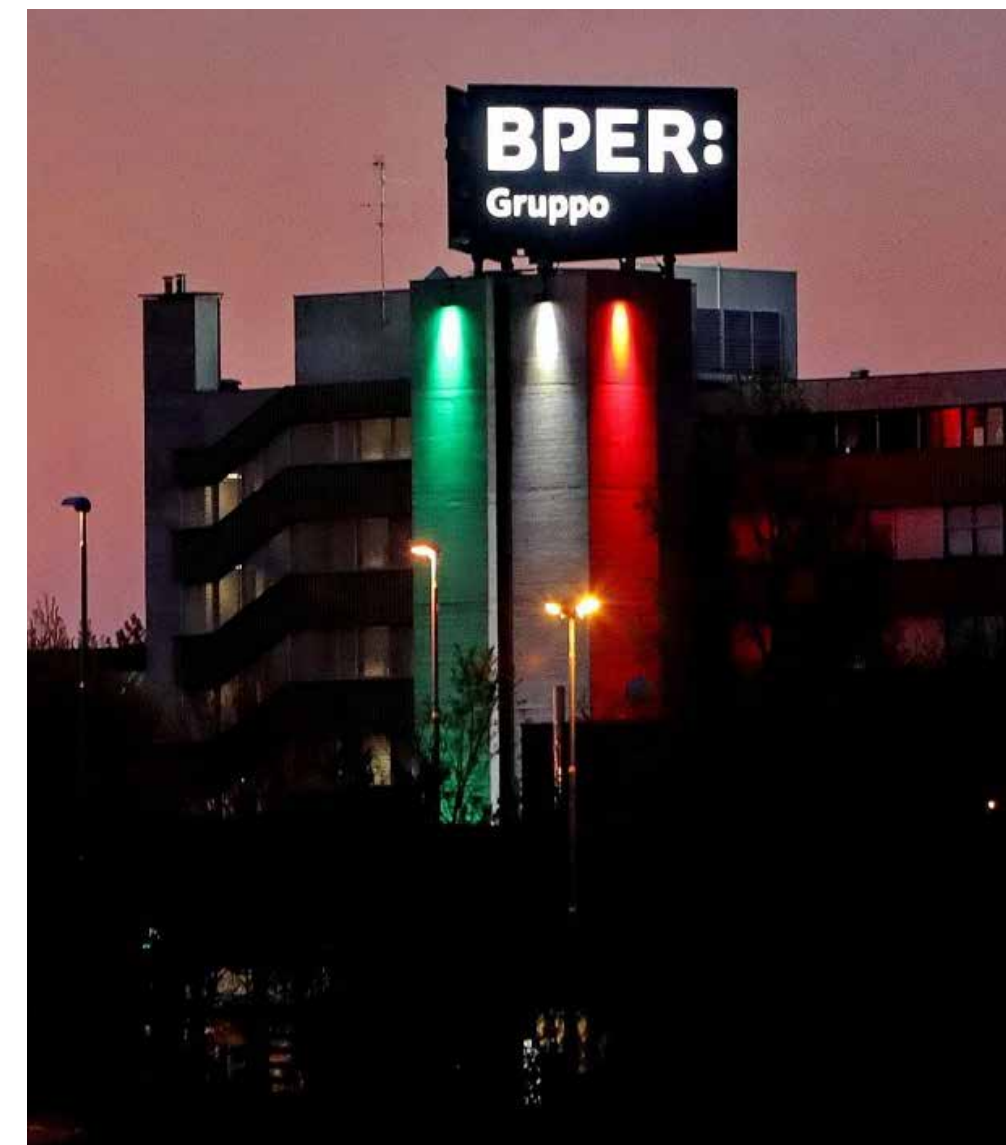in Italy

Teleimpianti is responsible for:

Security

- Intrusion detection system.
- Video surveillance solutions with cutting-edge video analysis.
- Access control.
- Fire detection.

Collaboration & Media

- 4K Videowall with multi-operator management software.
- Control room and PSIM integrated security supervision system.

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![brt logo]

BRT

BRT is part of **Dpdgroup**, the largest network of express courier services in Europe.

It is the leading operator in Italy, with over 250 locations throughout the country.

Thanks to the excellence of its service and technological innovation, it is testimony of how a company with almost 100 years of history is able to conquer and maintain market leadership: the focus on e-commerce, and the complete digitalisation to improve the user experience are just a few examples of the services dedicated to the customer.

In the BRT operational context, **security** is fundamental. Teleimpianti supports Bartolini throughout Italy in the design and installation of security systems, guaranteeing their efficiency with a specialised **full comprehensive on-site maintenance service.**

250
Branches in Italy

10
Logistic systems

22,000
Employees

227
Millions of packages
delivered per year

Teleimpianti is responsible for:

Security

• Intrusion and burglary protection systems.
• HD video surveillance solutions with cutting-edge video analysis.

![teleimpianti technology partner logo]

Camplus

Camplus university colleges are high-level residential facilities in the **main Italian and Spanish university cities**, including Rome, Milan, Bologna, Turin, Florence, Padua, Palermo, Venice and Seville. All the areas inside the buildings feature technologies aimed at **comfort and energy saving: smart solutions for rooms, study rooms, restaurants, gyms and meeting rooms.**

Teleimpianti S.p.A. designed and built the special systems: integrated security & safety systems (video surveillance, access control, intrusion and fire detection), high-speed WiFi, multimedia audio-video set-ups of the conference rooms and building management system solutions for building control and automation.

In particular, the **building automation solutions have made it possible to reduce costs by eliminating waste** through the automated regulation of climate control and lighting in the various rooms, the metering of all energy consumption, and the integrated management of systems within the building.

1st
Provider of student housing in Italy

40
Student housing complexes in Italy and abroad

700
Apartments

10,000
Number of occupants

Teleimpianti is responsible for:

Security
- Intrusion detection system.
- HD video surveillance.
- Fire detection.
- Access control.

Voip & Data
- IP video door entry system and telephony.
- WiFi.
- Structured cabling.
- Active network equipment.

Collaboration & Media
- Multimedia audio video equipment for auditoriums.
- Collaboration systems for meeting rooms.
- PA and EVAC systems.

Smart building
- Automation of rooms and common areas (lighting, power and air conditioning).
- Electricity, heat and consumption metering.
- Control of air conditioning, ventilation and water systems.
- Centralisation of all installations in a single platform.

Camst

![camst group | Più di una scelta]

The CAMST group is a leading catering company in Italy.

For more than 70 years it has been operating in all sectors of the catering market, bringing its quality to the schools, companies, cities, hospitals and trade fairs where it is present.

On an area of 23,000 sq m inside the Interporto (Logistic Centre) of Bologna is the CeDi Distribution Centre, the heart of all Camst logistics.

Teleimpianti S.p.A. designed and built the **high-speed voice and data communication systems and an integrated security & fire alarm system** to protect one of the largest and most complex distribution centres in Europe.

1,500
Employees

1,800+
Catering points

66 m
Meals per year

70
Years of history

Teleimpianti is responsible for:

Security

- Intrusion and burglary protection alarm systems to protect restaurants and warehouses.
- HD perimeter video surveillance.
- Access control system with RFID technology.
- Fire and gas leak detection systems.
- Man-down rescue system for personnel in cold rooms or automated warehouses.

Voip & Data

- VoIP telephone system with call centre and unified communications system.
- Dect and WiFi mobility system.
- Copper and fibre optic high speed structured cabling.
- Active network equipment.

![teleimpianti S.p.A. technology partner]

Fabbri 1905

Fabbri 1905, universally known for having 'invented' the Amarena cherry and fruit syrups, is one of the symbols of Made in Italy confectionery around the world.

Synonymous with quality, Fabbri continues its commitment to developing ever new strategies with products for mass consumption, the ice cream and food industry.

With a view to guaranteeing its consumers maximum safety and to meet even the most restrictive food safety regulations imposed by the US markets, Fabbri commissioned Teleimpianti to **design and build an innovative access control system for people and vehicles passing through the production areas of its factories.**

1905
Year of establishment

13
Product lines

100
Countries where
the products are
distributed

10
Branches in the world

Teleimpianti is responsible for:

Security

- Access control.
- Forklift access control with vehicle and driver pairing.
- Visitor management software.
- Web Alarm and Management.
- High security access via keypad and badge.
- Integrated access, intrusion detection, video surveillance platform.

Technical assistance

- Full comprehensive maintenance service.
- Availability 24/7, 365 days a year.

Gruppo Gran Terre

Gruppo Gran Terre was born from the aggregation of two historical realities of the Italian food industry, **Grandi Salumifici Italiani S.p.A.** and **Parmareggio S.p.A.** The Group represents a history of production and gastronomic excellence. In Bologna Interporto, on an area of more than **30,000 sq m**, **the logistic centre** is an advanced technological structure capable of combining product preservation with the most modern criteria of reduced environmental impact. Teleimpianti S.p.A. has designed and built several installations for the Group aimed at **security and the remote control of production, management and logistics buildings** using cutting-edge technologies integrated on a geographic network.

2,400
Employees

19
Production plants in Italy

45
Countries which import their products

1.3 Bn
Annual turnover in billion Euros

Teleimpianti is responsible for:

Security

- Intrusion and burglary protection systems to protect warehouses and factories with remote control alarm systems.
- HD video surveillance with centralisation of images.
- Access control system with RFID technology.
- Gate access control throug turnstiles automatic barrier and Voip intercoms.
- Fire detection and suppression systems.

Voip & Data

- WiFi systems.
- Copper and fibre optic high speed structured cabling.
- Active network equipment.

Technical assistance

- Full comprehensive maintenance service.
- Availability 24/7, 365 days a year.

![GRUPPO CERAMICHE GRESMALT]

Gresmalt

Gresmalt is a major player in the ceramic industry. The construction of the new headquarters in Sassuolo (Mo) is part of a series of major investments aimed at integrating an innovative working environment with a natural and sustainable context.

To guarantee the **security of the new Headquarters**, Teleimpianti was asked to study and build innovative solutions for the following:

- **Perimeter protection** of the large green area surrounding the 2 headquarters buildings through thermal cameras equipped with video analytics and deep learning;
- **Protection from unwanted intrusions** thanks to a HD video surveillance system capable of monitoring unauthorised access in real time;

- **Perimeter vehicle and pedestrian access control** through telepass reading, RFID/mobile and biometric badges;
- **Automatic visitor registration** via self-registration station for fast and secure check-in/check-out.

A short distance away is the group's new logistics hub. In order to provide operators with the necessary speed and performance for the optimal handling of goods, Teleimpianti set up the data infrastructure consisting of:

- Layer 3, gigabit **network equipment**, distributed over 8 data racks;
- **Complete WiFi coverage** of the entire area.

3,200
Sq m of office space

1,400
Sq m of showroom

10,000
Sq m of green space

40,000
Sq m covering the logistics pole

Teleimpianti is responsible for:

Security

- Intrusion detection system.
- HD video surveillance.
- Access control system.
- Automatic vehicular barriers.
- Perimeter protection of outdoor areas.
- Digital visitor registration system.

Voip & Data

- Network infrastructure.
- WiFi system.

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Hera Servizi Energia

Hera Servizi Energia is a company of the Hera Group whose mission is to improve energy efficiency in companies, condominiums and public administration through specific design, implementation and management of systems.

Eco Termo Logic is also part of the company, which has been involved in the design, installation and management of thermal systems since 1964 and is a market benchmark for Bologna and its province.

Teleimpianti S.p.A. designed and built the overall extra-low voltage systems in its new, ultra-modern headquarters in Via Tolmino, Bologna.

40,000
Hera customer families - Eco Termo Logic

9.1
Electricity sold (Twh)

2.6 Billion
of m³ of gas distributed

19,377
Km of gas network

Teleimpianti is responsible for:

Security

- Perimeter intrusion detection.
- Access control.
- HD video surveillance.

Voip & Data

- Full IP telephone system.
- Call Centre.
- Dect mobility system.
- Structured voice-data cabling.
- Network equipment.
- WiFi.

Collaboration & Media

- Audio-visual training room equipment.

Smart building

- Integration of security, lighting and HVAC.
- Control and supervision.
- Integrated solution for comfort and savings.
- Consumption analysis and metering.
- Energy Management.
- Remote control and remote management.

Humanitas Research Hospital

Humanitas is a highly specialised hospital, research centre and the headquarters of Humanitas University, a university dedicated to Life Sciences.

Considered one of the most technologically advanced hospitals in Europe, Humanitas is a case study for its organisational model that combines economic sustainability, development and social responsibility.

In 2017, the new **Humanitas University campus** adjacent to the hospital grounds was inaugurated. The campus includes high-tech classrooms, a digital library, one of the most technological and largest Simulation Centres in Europe, research laboratories and student accommodation.

For Humanitas, **Teleimpianti S.p.A.** built the systems for: **security, video surveillance, intrusion, access control and an integrated system for the security management of students, employees and patients.**

25,000
Total
sq m

1,200
Students

2,000
Sq m of
hi-tech labs and
teaching rooms

240
Accommodation
spaces

Teleimpianti is responsible for:

Security

- Integrated supervision and management system for safety & security installations.
- HD video surveillance.
- Intrusion detection system.
- Access control with RFID proximity readers.
- Wireless access control for staff and student lockers.

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IBM

IBM

IBM, one of the world's largest US companies in the IT sector, produces and markets hardware and software, offering infrastructure and hosting services.

The IBM Italia Management Centre is located in Segrate, in the province of Milan, near Linate Airport, in an industrial area with green areas and gardens.

Teleimpianti S.p.A. designed and built the **entire internal and perimeter security system, pedestrian and vehicle access control, parking control and video surveillance of the Management Centre.** The security system also includes the Supervision Centre of all IBM Italy branches.

3,500
Employees in Italy

190,000
Sq m of management centre

15,000
Sq m of office space in Segrate

16,500
Sq m of office space in Roma Fiera

Teleimpianti is responsible for:

Security

- Integrated platform for access control intrusion and HD videosurvelliance.
- RFID reading technology.
- Vehicle access control with mobile bollards.
- Parking management with number plate reading.
- Intrusion detection of indoor and outdoor areas with perimeter control.

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ITALPIZZA

Italpizza

Italpizza is a major Italian food company specialising in the production and marketing of frozen pizzas.

The need to implement centralised and **technologically advanced security systems** required the intervention of a structured and certified system integrator for the following interventions:

- implementation of the perimeter protection system of the executive building and of the access control system to allow remote management of the entrances;
- implementation of perimeter video surveillance of the production facilities with centralised management;
- construction of a fire detection system using bio-optical thermal cameras.

1991
Year of establishment

500,000
Pizzas produced
each day

+1,500
Employees

56
Countries to which
products are exported

Teleimpianti is responsible for:

Security

- Perimeter intrusion detection for the office building.
- Access control of pedestrian and driveway entrances to the office building.
- HD perimeter video surveillance of production sites.
- Flame and fire detection via thermal cameras.

Voip & Data

- IP video door entry system of the management building.

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Manitou - Italy

Manitou is an industrial company with an international dimension, specialising in the design, assembly and distribution of material handling machines.

Founded by the Braud family in the 1950s, the Manitou Group, whose nucleus is located in Ancenis (Loire-At-lantique - France), is today present throughout the world and distributes 5 brands: Manitou, Gehl, Mustang, Loc and Edge.

Teleimpianti S.p.A. provides **cutting-edge technology for corporate communications, security and safety systems for the group's factories.**

23
Branches in the world

600
Sales points

4,400
Employees

1.6 Bn
Turnover in Euros

Teleimpianti is responsible for:

Security

- Intrusion system with accelerometer sensors and remote controlled alarms on smartphone/tablet.
- HD perimeter video surveillance.
- Access control system with RFID technology.
- Point detection and smoke barrier fire detection system.

Voip & Data

- Telephone system and multi-cell DECT coverage.
- Structured cabling.
- Active network equipment.

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Marchesini Group

Marchesini Group, a leading international manufacturer of packaging machines for pharmaceutical, cosmetic and food products, launched a plan to rationalise the **Building Management System** serving its headquarters and production buildings.

The partnership with Teleimpianti S.p.A. led to:

- New BMS systems for buildings under construction.
- Revamping of existing building supervision and control systems to unify them into a single management platform.

The integration achieved allows optimal operation of the systems with benefits in the management and supervision of environments, as personnel can act on **a single point of control for lighting, heating/cooling and technological controls.**

Teleimpianti S.p.A. is also a technological partner of the Marchesini Group for the design and implementation of security systems, WiFi networks and multimedia audio-video set-ups for meeting rooms.

500 Mn
Annual turnover in million Euros

3,000
Employees worldwide

11
Branches in the world

68
Countries

Teleimpianti is responsible for:

Security

- HD video surveillance and intrusion detection system.

Smart building

- Building Management System for the control and management of systems.

Collaboration & Media

- Audio-visual meeting room equipment.
- IP video door entry systems.

Voip & Data

- WiFi network for all sites.

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Poggipolini

Poggipolini S.p.A. is a company specialised in the design and machining of high-precision mechanical parts, in particular critical components and structural fastening systems in titanium using cutting-edge machinery. All production processes are certified.

It is a highly innovative and technological company with an international outlook, a world leader in the aerospace, automotive and motor sports sectors.

Poggipolini chose **Teleimpianti** as its **technological partner for the security and safety of its plants.**

Latest-generation perimeter security systems, HD video surveillance, access control using thermal imaging cameras, IP video door entry system, fire detection systems and collaboration & multimedia systems are the solutions that Teleimpianti has designed and built for the Poggipolini group.

1950
Year of establishment

TOP 10
in hi-tech screw fasteners worldwide

Leader
in the aerospace, automotive and motor sports sectors

6
Sale offices across the world: France, UK, Germany, Belgium, Japan and USA

Teleimpianti is responsible for:

Security

- Intrusion detection systems.
- HD video surveillance with video analysis.
- Thermal cameras and access control.
- IP video door entry systems.
- Fire Detection.

Collaboration & Media

- Audio-video equipment for collaboration in the training room.
- Audio-visual equipment for collaboration in the board room.
- Totem Welcome Screen with Digital Signage.

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Sacmi

SACMI is an international group and world leader in the Ceramics, Packaging Food and Automation machinery sectors, thanks to the application of innovative technologies, its strong position on the world market, the continuous search for high quality standards and customer service.

Teleimpianti S.p.A. designed and built the **security, safety, data transmission and telephony systems** of several divisions including: Sacmi Forni, Sacmi Molds & Dies, Sacmi Verona, Protesa.

1919
Year of establishment

4,000
Employees

28
Countries

80
Subsidiaries

Teleimpianti is responsible for:

Security

• HD video surveillance.
• Smoke detection with linear barriers and point detection sensors.
• Fire detection.
• Intrusion and burglary protection systems in production plants and offices.

Voip & Data

• Telephone system and multi-cell DECT coverage.
• Network cabling.
• Active network equipment.

SeaVision

Innovation, sustainability and security for a comfortable and efficient working environment.

The new headquarters of SEAVISION, a leader in quality vision systems for pharmaceutical companies and OEMs, is a technology campus designed to stimulate research and collaboration. The **new 3-storey building** is built on a 6,000 sq m area located just outside Pavia.

"We are delighted with the contribution that Teleimpianti has made to the construction of our new plant: it guarantees protection and safety for our activities and goes along with our way of working, namely, changeable and attentive to the changes typical of our business."

Michele Cei, CEO of SEA Vision.

1
Technological campus

3
Floors

8
Technical-commercial branches worldwide

4,000
Sq m of offices, computer labs and research and production spaces

Teleimpianti is responsible for:

Security

- Intrusion detection system.
- HD video surveillance.
- Fire detection.
- Perimeter protection of outdoor areas with thermal cameras.

Voip & Data

- Network cabling.
- Active network equipment.
- High speed WiFi.

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SUHNER

Suhner

SUHNER SU-matic, an international group specialising in metalworking for drilling, milling and tapping operations, has inaugurated its new headquarters in Zola Predosa (Bo).

The 4500 sq m building was designed for a progressive expansion of production and office space. **The meeting and training rooms, built with modular systems and cutting-edge audio-video technology**, are designed for flexible use to ensure efficient collaboration in hybrid mode, i.e. alternating smart working and on-site presence.

100
Years of history

750
Employees
worldwide

4,500
Sq m covering the
Italian
operational site

4
Cutting-edge training
and meeting rooms

Teleimpianti is responsible for:

Collaboration & Media

- Professional audio and video content distribution system in meeting rooms.
- Complete equipment set-up for video-conferencing and on-line collaboration.
- Room booking system.
- Ledwall with digital signage for company presentation in the reception area.

Voip & Data

- VoIP communication platform.
- IP system for PA announcements.

Security

Integration of access control system and video door entry system to regulate vehicle and pedestrian access for employees and visitors.

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Torre degli Asinelli

The Asinelli Tower is the symbol of the city of Bologna. Built at the city's entry point between 1109 and 1119, the 97-metre tower is known as the tallest leaning tower in Italy.

HD digital colour cameras with 24-hour image recording, **fire detection system**, **dual-technology intrusion detectors** are the technologies that Teleimpianti, in collaboration with the Enzo Hruby Foundation, has used to secure the Tower.

A system monitoring the static condition of the Tower completes the work. The project was carried out with the approval of the Superintendency of Cultural Heritage.

XII century
Period of construction

97.2
Height of the Tower in metres

498
Steps

24/7
Protection of the Tower

Teleimpianti is responsible for:

Security

- Intrusion detection system.
- HD video surveillance for access control and visitor security.
- 24h motion detection image recording system.
- Fire detection system throughout the Tower with latest-generation optical smoke sensors.

teleimpianti SpA
technology partner

Toyota - TMHMI

Toyota Material Handling Manufacturing Italy (TMHMI), founded in Bologna in 1942 by CESAB Carrelli Elevatori, a local business, joined Toyota Industries Corporation (TICO) in 2000 and specialises in the design and production of sophisticated forklift trucks exported worldwide.

TMHMI is a pole of excellence in the Toyota Material Handling group, thanks to its Research and Development centre, a focal point of technological innovation, and its production plant where it combines local technical expertise with the production principles of the Toyota Production System.

The need to secure the offices, warehouses and production facilities of the Bologna headquarters, which cover an extremely large area, required the design and implementation of a centralised **video surveillance and intrusion detection system** through a cutting-edge control and supervision system (PSIM). The **BMS** (Building Management System) for the control and automation of the electrical and mechanical systems of the entire complex was finalised with a view to achieving the best conditions of comfort and energy saving.

80
Years of history

490 Bn
Annual turnover in billions of Euro

16,500
Fork lift trucks per year

750
Employees

Teleimpianti is responsible for:

Security

- HD video surveillance system.
- Intrusion detection system.
- Centralised control and supervision system.

Smart building

- Metering, control and supervision of electrical, water and climate control installations.
- Management of production line activations.
- Alarm management.
- Single point of control.

teleimpianti
technology partner

Vivolo

Vivolo is a leading manufacturer of semi-finished leather goods for the fashion industry. The focus on green Research & Development has led to significant investments in technology.

In order to guarantee comfort, safety and efficiency at the company's new headquarters, the Teleimpianti team was asked to study and implement innovative solutions regarding:

Building Management System: monitoring and control of lighting with pre-configured scenarios to ensure suitable lighting and optimisation of consumption; control for switching the machines in the production area on and off according to the type of work; control for opening and closing the shutters in relation to weather conditions integrated with LED lighting for customised scenes.

Perimeter vehicle and pedestrian access are controlled by automatic barriers and RFID readers.

Occupancy detection in compliance with the latest regulations. This makes it possible to know exactly who is present in the company in the event of an emergency.

IP communication platform, with cordless coverage of the entire plant, integrated with the PA system.

Intrusion detection and perimeter video surveillance with cutting-edge systems to protect the entire plant.

10,000
Sq m of production structure

100
Automatically controlled machinery

5 Mn
Pieces produced each year

150
Employees

Teleimpianti is responsible for:

Security

- HD video surveillance.
- Intrusion detection system.
- Access control.
- Time and attendance.
- Perimeter protection of outdoor areas.
- Visitor management system.

Voip & Data

- VoIP telephony.

Smart building

- Automation of indoor and outdoor lighting management.
- Control and supervision of production machinery.

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Zanichelli

Zanichelli editore S.p.A. is one of Italy's leading publishers, specialising in school textbooks, university and professional books (legal and medical texts), dictionaries, reference works and non-fiction and popular science books.

Teleimpianti S.p.A. is Zanichelli's technological partner in the **design, implementation and maintenance of security & safety systems** to protect workers and company assets in offices throughout Italy.

A cutting-edge video surveillance platform allows the centralised management of CCTV systems in all the group's sites, in which HD cameras with thermal technology are installed for perimeter intrusion detection functions.

1859
Year of establishment

19
Branches in Italy

13
Publishing brands

2,500
Book titles

Teleimpianti is responsible for:

Security

• Intrusion detection systems.
• HD video surveillance systems.
• Access control.
• Fire detection.

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	Security	Smart building	Collaboration&Media	Voip & Data	Technical assistance	
Guglielmo Marconi Airport	●		●		●	06
Almarossa Hospitality	●	●		●	●	08
Ascot Ceramiche	●			●	●	10
Basilica di San Luca	●			●	●	12
Bonfiglioli	●				●	14
BPER	●		●		●	16
BRT	●				●	18
Camplus	●	●	●	●	●	20
Camst	●			●	●	22
Fabbri 1905	●				●	24
Gruppo Gran Terre	●			●	●	26
Gresmalt	●			●	●	28
Hera Servizi Energia	●	●	●	●	●	30
Humanitas Research Hospital	●				●	32
IBM	●	●			●	34
Italpizza	●			●	●	36
Manitou Italia	●			●	●	38
Marchesini Group	●	●	●	●	●	40
Poggipolini	●		●		●	42
Sacmi	●			●	●	44
Sea Vision	●			●	●	46
Suhner	●		●	●	●	48
Torre degli Asinelli	●				●	50
Toyota TMHMI	●	●			●	52
Vivolo	●	●		●	●	54
Zanichelli	●				●	56

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