

A photograph of an industrial automation setup, possibly a robotic arm or assembly line, with a blue color overlay. The image shows mechanical components, wires, and a transparent safety enclosure.

Maintenance and installation of automated systems



AUTOMATION
Maintenance



PH FACILITY

www.phfacility.com



AUTOMATION

Division



PROFESSIONALISM AND EXPERTISE UNDERPIN THE AUTOMATION TECHNOLOGY DIVISION

One strategic sector for **PH facility** is the complex **field of technological maintenance services** for industrial automation plants. This includes postal, parcel, and baggage handling, large-scale automated storage, pharmaceutical automation, food process automation, and projects in the railway vehicle sector.

In fact, thanks to its expertise, PH facility renders its electromechanical and technical resources and skills available to **support the installation of plants and systems** both in Italy and abroad.



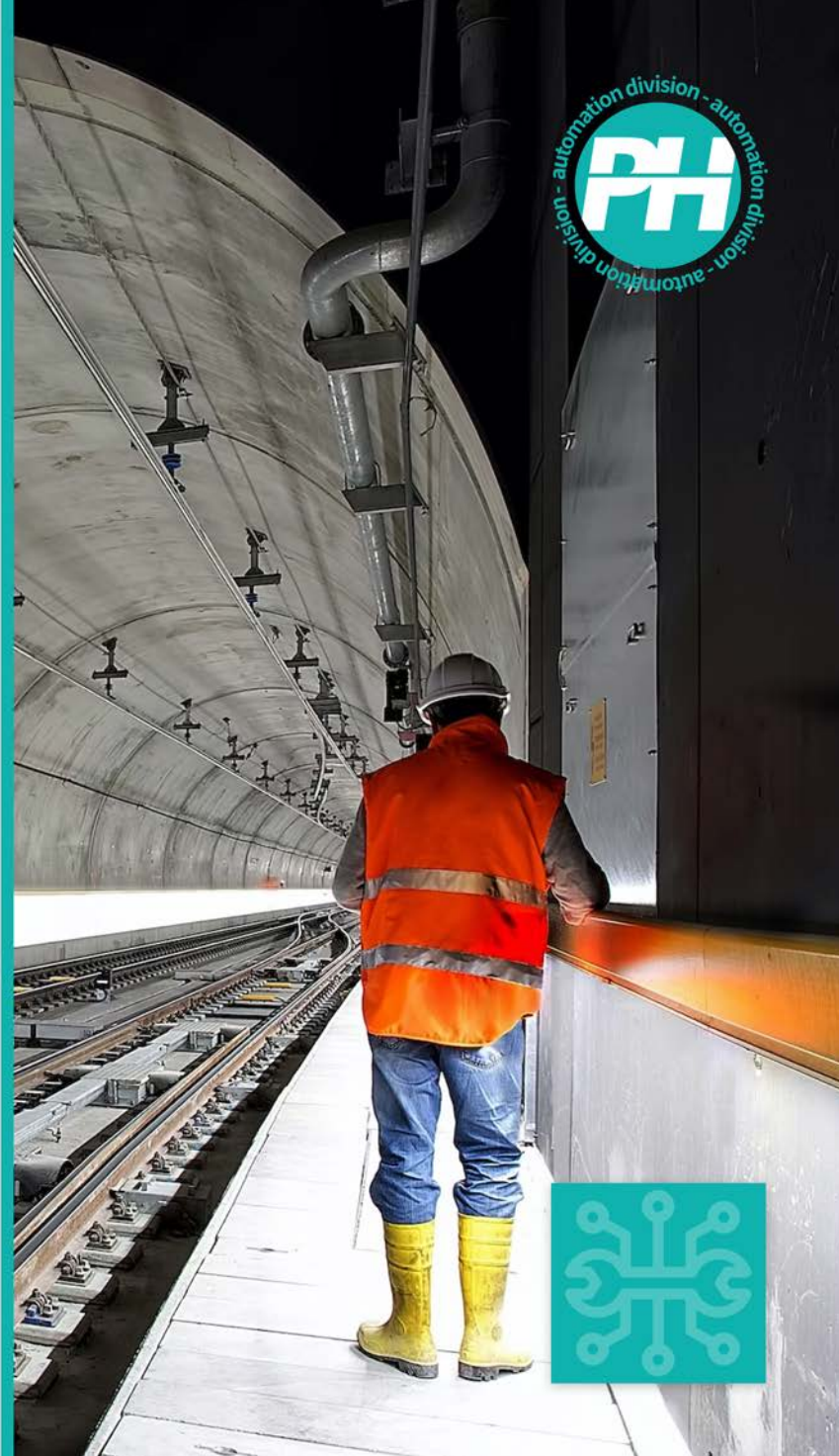
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THE DIVISION

The **innovation** that **PH facility** has brought about on the automation and industrial installation market has involved **a shift in the company's focus from machines to humans**, with more in-depth technical training being provided in order to transform the technicians into true "diagnostics experts" capable of quickly and effectively detecting any plant anomalies, managing all the installation phases, and tracking their progress.

PH facility continuously **invests in training and cutting-edge tools** in order to allow each technician to operate autonomously, while at the same time remaining internally connected to the company's neural system, which assists them with all of their needs and goals, with the aim of ensuring maximum **Customer satisfaction**.



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THE DIVISION'S TWO MAIN CORES

ELECTROMECHANICAL INSTALLATION

Support activities for the installation of plants and systems in Italy and abroad. Industrial engineering services.

MAINTENANCE

Scheduled maintenance, 24/7 corrective maintenance with a maximum downtime of 4 hours, 24/7 technical support, Help Desk, and Spare Parts Hub.

Intervention areas

- **INDUSTRIAL:** Intralogistics, Postal, Warehouse, Pharma, Food and Beverage, etc
- **AIRPORT**
- **RAIL**

Human resources

- Over **400** specialised technicians (Italy, France, and Switzerland)

Skills

- Electronics, Electrical, Mechanical, and software management

Specific authorisations

- Cat.3 PPE: AWP
- Electrical Works according to EN 50110-1
- Forklift driver

Technical resources

- The company has a vast fleet of vehicles and a large inventory of CE-certified equipment



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ELECTROMECHANICAL INSTALLATION

Installation and retrofitting of machinery and systems

PH facility renders its **electromechanical and technical resources** available to **support the installation of plants and/or systems** both in Italy and abroad. We provide **industrial engineering services** to organise all the installation phases based on the technical drawings, including progress management.

Design

- 3D modelling, 2D drafting
- Structural F.E.M. analysis
- Concurrent engineering
- Testing prototyping phases
- Design and selection of production and testing equipment

Industrialization

- Production process definition: timing and methods, production process work cycles and sequences, production specifications, production bill of materials, change management and introduction, PFC / PRC issuance
- Special processes: Process qualification, staff qualification, monitoring and measurements
- Design and implementation of production lines
- Determination of production line layout (specifications and design)
- Training of human resources
- Use of SAP system for Production - Logistics - Warehousing phases



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MAINTENANCE

Corrective and scheduled maintenance for machinery and systems.

PH facility renders its electromechanical and technical resources available for scheduled and corrective maintenance of plants and/or systems both in Italy and abroad. All the services are customised based on the Customer's needs.

Scheduled maintenance

PH facility renders its technical resources available for scheduled maintenance activities, based on the Customer's maintenance plans and the schedules set for their plants and/or systems, both in Italy and abroad.

Corrective maintenance

PH facility technicians are on call 24 hours a day year-round to carry out corrective maintenance activities on its Customers' plants and/or systems. Thanks to our widespread presence throughout Italy, we are able to guarantee a minimum SLA of 4H - h24 - 365.



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NETWORK SERVICE CENTER

ITALY

We have technical staff located throughout Italy, including the islands. Italy Coverage 100% SLA min. 4h - h24 - 7/7.

- Milano Malpensa
- Milano Peschiera
- Milano Roserio
- Torino
- Verona
- Padova
- Genova
- Bologna
- Firenze
- Ancona
- Roma Fiumicino
- Napoli
- Bari
- Lamezia Terme
- Catania
- Palermo
- Cagliari

EUROPE

France: service centres in: Paris, Lyon, Limoges, Bordeaux, and Toulouse.

WORLDWIDE

We provide Installation and Maintenance services in every country worldwide.



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ELECTROMECHANICAL INSTALLATION SUCCESS CASE

GENÈVE
AÉROPORT



Complete installation of the **mechanical and electrical components of the MBHS Leonardo Baggage Handling System** for the Geneva Airport.

The **Multi-sorting Baggage Handling System (MBHS)** is based on state-of-the-art crossbelt technology, which is recognised as the most innovative in the airport sector. The system consists of a series of trolleys, upon each of which a bi-directional motorised belt is installed for loading, transporting, and sorting the baggage to the assigned destination. **The MBHS is capable of handling up to 10,000 pieces of baggage per hour.** The sorting speed can be adjusted during off-peak periods to minimise energy consumption.



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ELECTROMECHANICAL INSTALLATION SUCCESS CASE

GENEVE
AÉROPORT



The complete system involves the **installation** at **Geneva International Airport** of approximately **40 automated lines totalling about 2,500 mt of main elements**: motorized belt conveyors, carousels, high-capacity sorters, anti-intrusion and firebreak volets, check-in desks complete with workstations.

Certification for electrical safety in LV systems according to IEC 61557 standard.



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SUCCESS CASE MAINTENANCE

Posteitaliane

Poste Italiane is the most effective test for measuring the functionality and **success of PH facility's maintenance model**. We presented the project in partnership with Leonardo Automation (then Selex ES), which wanted to develop its own industrial proposal with that of our own company in the field of "industrial services," entrusting it with the systems' operations.

The project involves **16 large postal mechanisation centres located throughout Italy** in a non-synergic manner, far away and not connected to one another, and with very strict SLA requirements. 24-hour on-site support and system availability always above 97% over 24 hours. PH facility accepts the challenge, adopting a systematic **business process improvement approach** for all the processes; with a corporate culture derived from facility management (i.e. "service culture"), it tackles the industrial needs with a completely new project, which is already greatly appreciated and qualified at the offer stage.



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SUCCESS CASE MAINTENANCE

Posteitaliane



The company trains **multitasking technicians** throughout the country, who are capable of handling all types of plants, and creates an initial “company network” to which all the technicians involved in the project are constantly connected to ensure just-in-time problem-solving; it also organises efficient **mini-operating centres**, to which the operators indispensable for the various management phases of the Centres can be transferred, with the constant support of internal and central company technicians, in order to optimise the workforce without overburdening the system economically.

The results of the business process re-engineering model have allowed the Leonardo Automation / PH facility team at the premises of the Customer Poste Italiane to improve the **efficiency** of its systems' performance, thus promoting a new and more modern form of business process modelling.



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OTHER VALUE-ADDED SERVICES OFFERED BY THE AUTOMATION DIVISION

Help Desk

PH facility provides a top-notch Italian/English telephone Help Desk support service, available 24/7 year-round, in order to allow Customers to report any anomalies and/or malfunctions encountered with plants/systems installed in Italy and abroad, complete with check lists, intervention tickets, and relative support request analysis reports.

Training

PH facility renders its technical staff available for training sessions (in order to prepare for scheduled maintenance, corrective maintenance, and installation activities), with technicians from strategic areas for the Customer.

Spare parts Hub

PH facility provides Customers with its hubs located throughout Italy for the management of spare parts and consumables (supplied by the Customer), in order to have them available 24/7 year-round). This service helps reduce corrective action times, as the on-call technician intervenes directly with the spare part needed to resolve the machine/plant malfunction.

Production support service

PH facility renders its technicians available for production support activities directly at its Customers' work centres during production peaks.

Technical support service

PH facility renders its technicians available directly on the Customer's premises in order to provide technical support during the Customer's plant testing and start-up phases, both in Italy and abroad.



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