

Automation Maintenance Services





AUTOMATION

Division



PROFESSIONALISM
AND EXPERTISE UNDERPIN
THE AUTOMATION
DIVISION

Strategic sector for **PH facility**, the complex **field of technological maintenance services** for industrial automation plants stands out for its versatility. This sector covers postal, parcel, and baggage handling, large-scale automated warehouses, pharmaceutical automation, food process automation and projects in the railway vehicle sector.

Thanks to its expertise, PH facility provides advanced electromechanical and technical resources to **support the installation of automated plants and systems** both in Italy and abroad. Our priorities are professionalism and expertise.



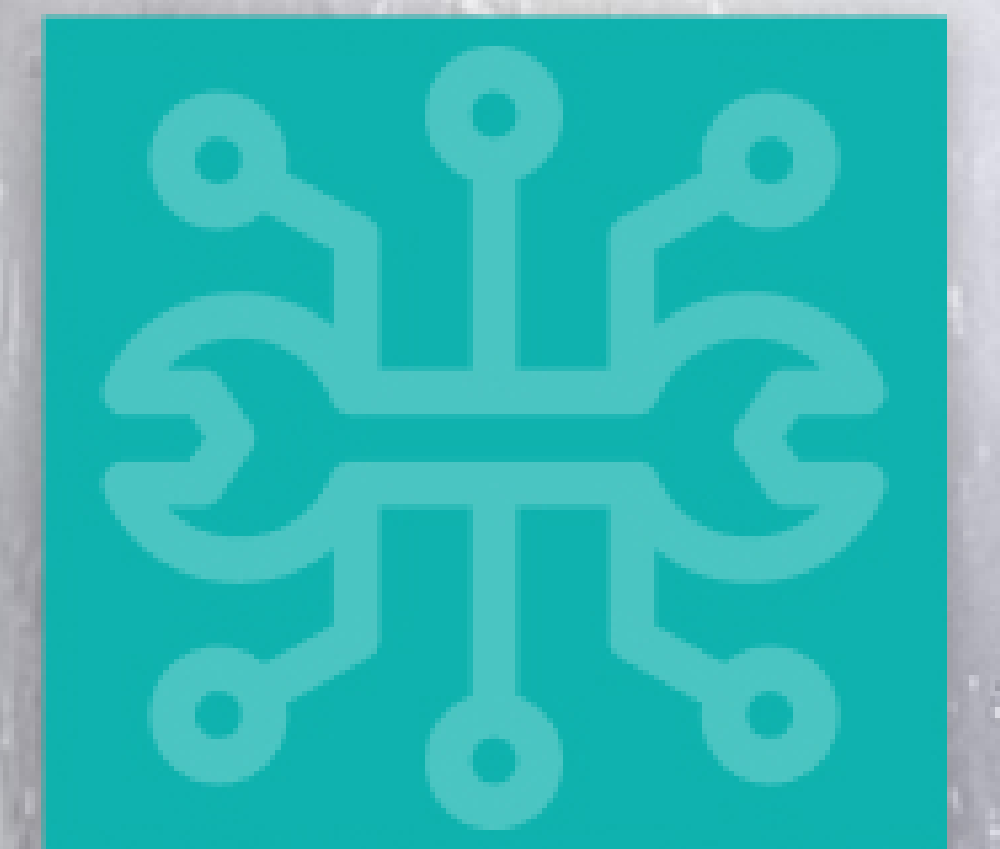
AUTOMATION

Division

THE DIVISION

PH facility has introduced a relevant innovation in the automation and industrial installation market shifting **the company's focus from machines to humans**. This strategy has led to a more in-depth technical training transforming technicians into true “diagnostics experts” capable of quickly and effectively detecting any plant anomalies. They are able to manage all the installation phases and track their progress as well.

PH facility continuously **invests in training and cutting-edge tools**. Our **commitment** allows each technician to operate autonomously, while at the same time remaining internally connected to the company's neural system, ready to respond to all of the Customer's needs and goals, traying to ensure their **maximum satisfaction**.



AUTOMATION

Division

THE DIVISION'S MAIN CORES

INSTALLATION

Support activities for the installation of automated 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 on site 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



INSTALLATION

Installation and retrofitting of machinery and systems

PH facility makes 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
- Prototyping phases testing
- 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



AUTOMATION

Division

MAINTENANCE

Corrective and scheduled maintenance for machinery and systems.

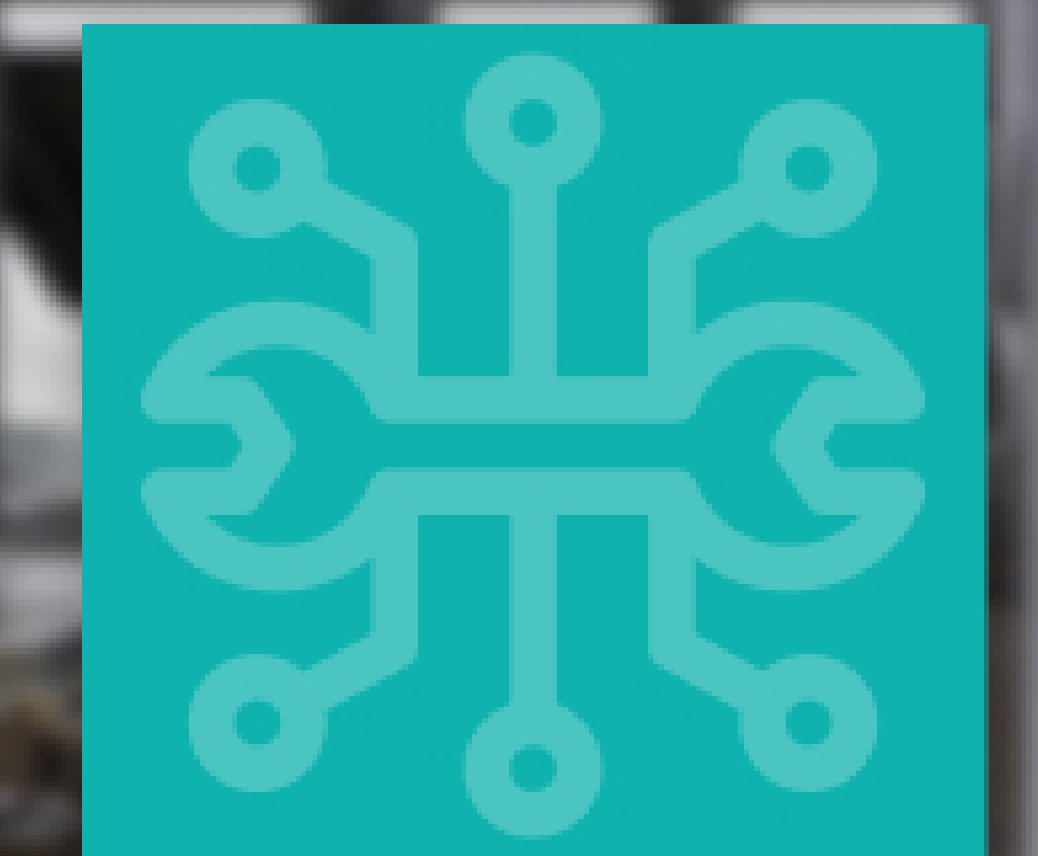
PH facility makes its electromechanical and technical resources available for scheduled and corrective maintenance of automated plants and/or systems both in Italy and abroad. All our services are customised based on the Customer's needs.

Scheduled maintenance

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

Corrective maintenance

PH facility's technicians are on call 24/7/365 to carry out corrective maintenance activities on its Customers' automated plants and/or systems. Thanks to our widespread presence throughout Italy, we are able to guarantee a maximum downtime of 4h, ensuring a high level service.



AUTOMATION

Division

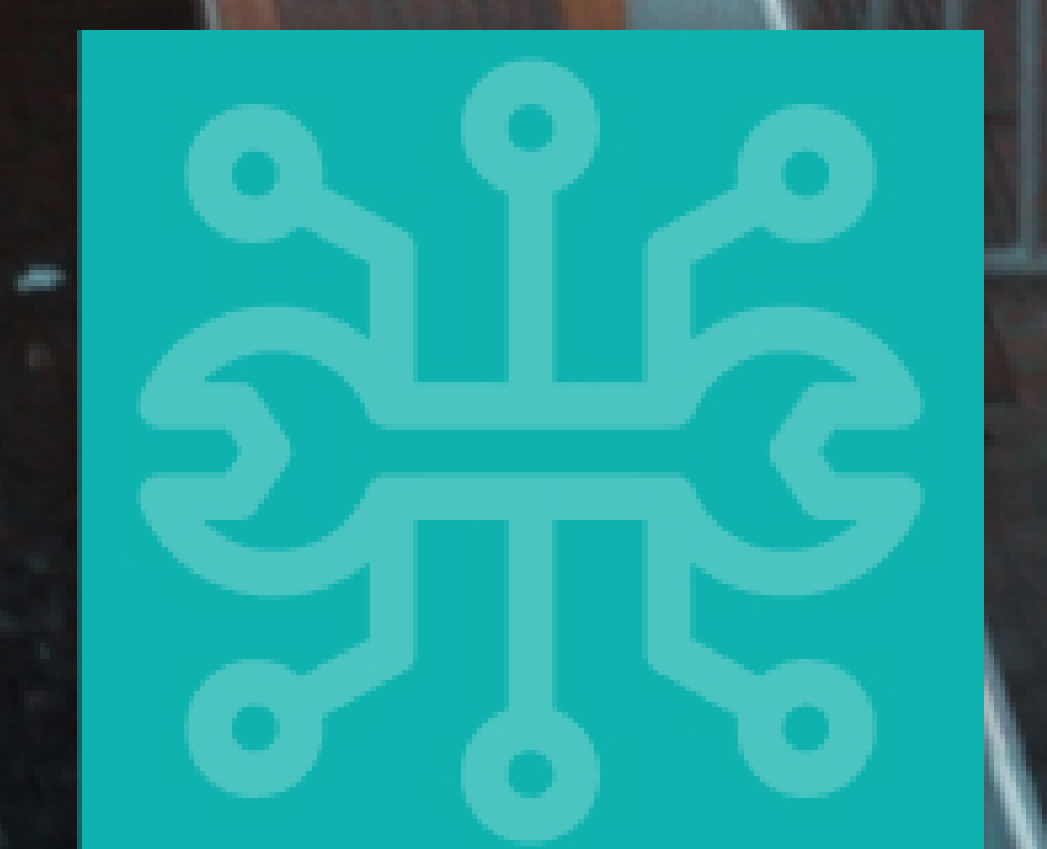
RAILWAY

INDUSTRIALIZATION OF PROCESSES AND PRODUCTS

Main activities/responsibilities

We are specialized in the industrialization of processes and products in the railway sector, offering complete solutions that include:

- **Optimization of production and logistics processes**, planning and improvement of flows, creation and implementation of operating standards
- Safety management and **compliance with current regulations**, development of operating instructions, product bill of materials and manufacturing and control plans (PFC / PRC)
- **Concurrent engineering** for the design, industrialization, maintenance and service phases of products
- Development of **industrial strategies**, definition and qualification of special processes, operational activities of carpentry, welding, painting, wiring, production, maintenance and service setups
- **Cost analysis and monitoring of industrial performance** through process indicators (KPI) and interface with IT systems for integrated management



AUTOMATION

Division

NETWORK SERVICE CENTER

ITALY

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

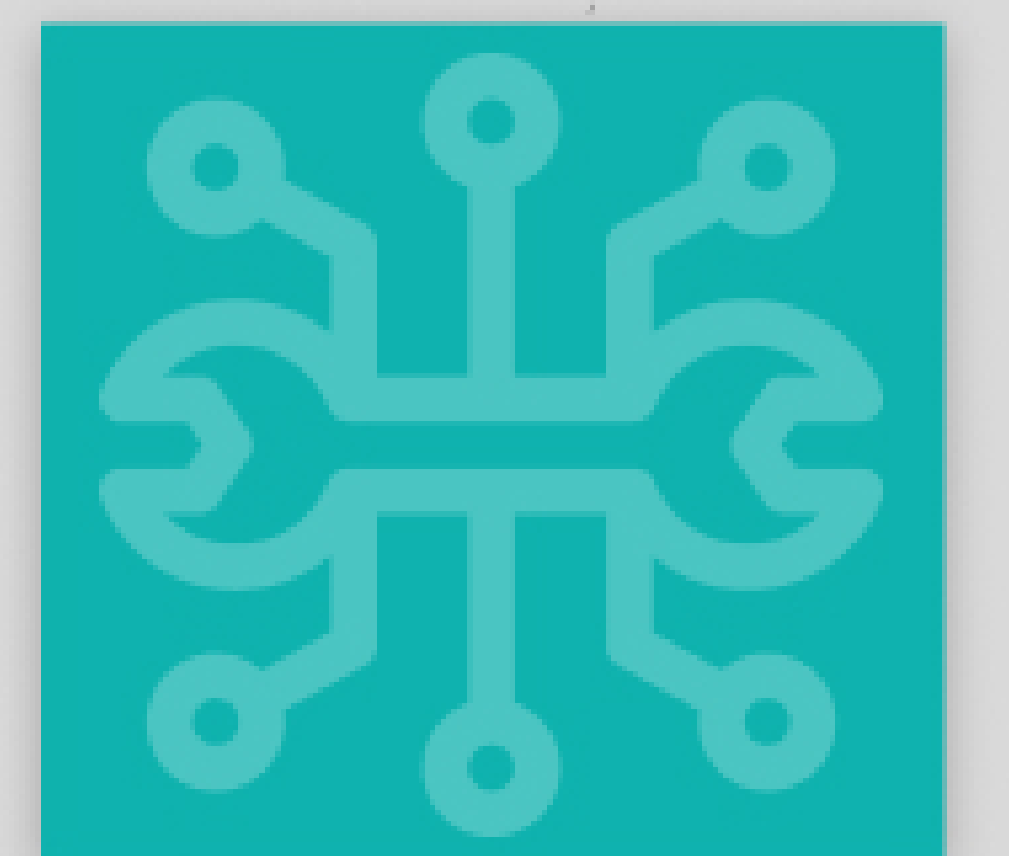
- Milano Malpensa
- Milano Peschiera
- Milano Roserio
- Torino
- Verona
- Padova
- Genova
- Bologna
- Firenze
- Ancona
- Roma Fiumicino
- Napoli
- Bari
- Lamezia Terme
- Catania
- Palermo
- Cagliari

EUROPE

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

WORLDWIDE

We provide Installation and Maintenance services in every country worldwide.





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, recognised as the most innovative in the airport sector, which 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.

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.



AUTOMATION Division



SUCCESS CASE MANUTENZIONE

Posteitaliane

Poste Italiane is the most effective test for measuring the functionality and **success of PH facility's maintenance model**. We presented a project in partnership with Leonardo Automation (previously Selex ES), integrating our expertise in "industrial services," ensuring systems operations.

We manage **16 large postal mechanisation centres located throughout Italy** providing 24/7 on-site support and system availability always above 97%. PH facility accepts the challenge by adopting a business process **improvement systematic approach** for all the processes, based on "service culture", tackling the Customer's industrial needs, thus with a much more greatly appreciated and qualified offer.

The company trains **multitasking technicians**, capable of handling all types of automated 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; furthermore we developed efficient **mini-operating centres** supporting the operators during the various management phases, with the constant collaboration of internal technicians in order to optimise the workforce without overburdening the system economically.

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

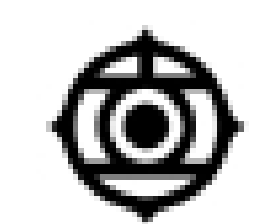


AUTOMATION

Division



SUCCESS CASE RAILWAY

 **Hitachi Rail Italy**

Our reorganization of these **industrialization** phases actually generated the development of a **harmonious and continuous cycle** by drastically reducing all those passive processes that strongly conditioned the performance of each individual resource.

The result of this action has made it possible to achieve certain levels of productivity, which has led to the consequent compliance with the progress schedules and final deliveries established for the following orders: outfitting of **Rock regional trains, ETR 1000 HS trains, HMU trains and Genoa and Thessaloniki subways.**



AUTOMATION

Division

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 24/7/365, in order to allow Customers to report any anomalies and/or malfunctions encountered with automated plants/systems installed in Italy and abroad, complete with check lists, intervention tickets, and respective support request analysis reports.

Training

PH facility makes 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

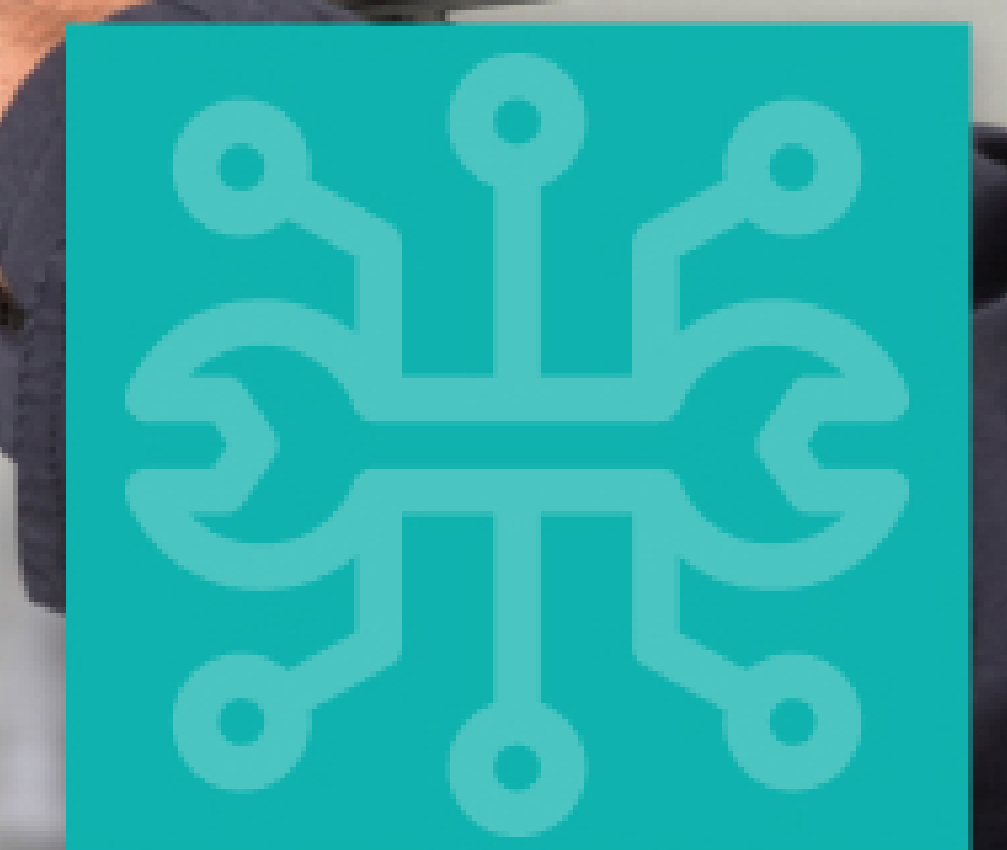
PH facility provides Customers with hubs located throughout Italy for the management of spare parts and consumables (supplied by the Customer), in order to have them available 24/7/365. This service helps reduce corrective action times, as the on-call technician intervenes directly with the spare part needed to resolve the machine/plant malfunction.

Production support service

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

Technical support service

PH facility makes 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.



AUTOMATION

Division

CONTACT US

Corrado Cugnetto

Automation Division Director

Email: ccugnetto@phfacility.it

Tel. +39 010 3106228

Fax. +39 010 3106212

Email: automation@phfacility.it



AUTOMATION Division



PH facility Srl

Via S. Pio X 20/28r - 16147 Genoa, Italy
+39 010 3106228
ph@phfacility.it

PH facility France

75 avenue Parmentier - 75544 Paris CEDEX 11, France
+33 (0) 764158839
phfrance@phfacility.com

PH facility Sagl

Riva Paradiso 32a - 6900 Paradiso, Switzerland
+39 3407259161
phswiss@phfacility.com

