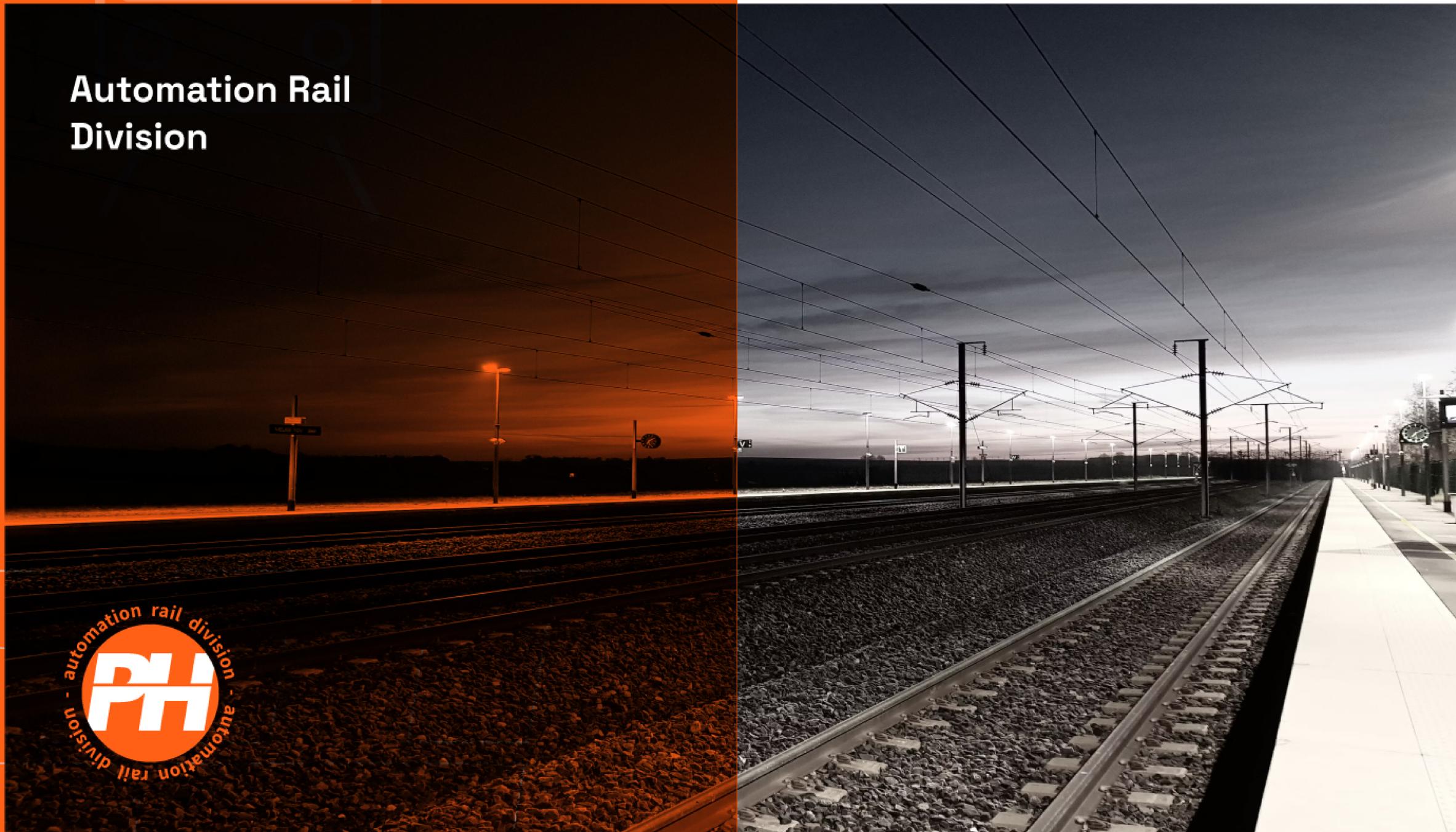


Automation Rail Division





RAILWAY
Focus



PROFESSIONALISM
AND COMPETENCE
ARE AT THE BASIS
OF THE DIVISION

R

The **rail sector** is a key area for **PH facility**, due to its technological complexity and the need for high standards in safety and reliability. This sector includes a wide range of applications, from rail vehicle production and maintenance to facility and infrastructure management and advanced systems for material handling and control.

F

Thanks to its experience in the industry, **PH facility** offers **specialized expertise in the installation, optimization and maintenance of complex railway systems**, ensuring innovative and reliable solutions on a national and international scale. Our mission is to support the rail industry with professionalism and state-of-the-art technology.



RAILWAY

Focus

SPECIALIZATION

PH facility is dedicated to the rail industry with a focus on **enhancing technical experience and technologies.**

Through careful training, our specialists are **not just installers, but true experts** who can quickly diagnose and resolve any anomalies in rail systems, ensuring maximum operational efficiency.

We continually invest in the **professional growth of our team** and the adoption of the latest technologies, ensuring that each operator is autonomous in managing activities and always connected to company systems for constant monitoring.

This approach enables us to respond **quickly and effectively** to our clients' needs, ensuring business continuity and the highest level of satisfaction.



RAILWAY

Focus

INNOVATION AND OPTIMIZATION OF INDUSTRIAL PROCESSES

- Adoption of **innovative methods** and state-of-the-art operating standards,
- **Design** of equipment and production layouts,
- Adoption of **Concurrent Engineering** to reduce and optimize production time,
- Compliance with **safety regulations**.

PH



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Focus

INDUSTRIAL STRATEGIES FOR CUSTOMIZED MANUFACTURING

- Implementation of **industrial specifications on a project** basis,
- Production line balancing and **activity planning**,
- **Focus on special processes** (welding, crimping, painting and gluing),
- Objectives specific **product uniformity** and quality.



RAILWAY

Focus

INNOVATION IN LOGISTICS AND MATERIALS MANAGEMENT

- **Optimization of transportation and storage** of class A, B and C materials synchronized with production agenda,
- Adoption of **intelligent logistics** (creation of assembly kits, optimization of packaging and management of assembly lists),
- Use of **advanced methodologies** such as kitting and kan ban.



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Focus

ADVANCED TECHNOLOGIES AND AUTOMATION FOR MANUFACTURING

- **Programming** of machine tools automatic and semi-automatic plants,
- **Electrical testing systems** for product verification,
- **Monitoring of production processes** also through “in time” video surveillance.

PH



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Focus

PERFORMANCE, COST CONTROL AND INDUSTRIAL SUSTAINABILITY

- Budget management through “**make or buy**” analysis,
- **Procurement** planning,
- Industrial **KPI monitoring**,
- Combining **innovation efficiency and energy** sustainability with production capacity and competitiveness.





RAILWAY
Focus

SUCCESS CASE

 **Hitachi Rail Italy**

PH

 **PH** *facility*

RAILWAY

Focus



SUCCESS CASE

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 enabled 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**.



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