

## **New Level 2 solution: automation and digitalization upgrade in Italy**

The AIC Team will develop a new Level 2 system for Acciaierie Valbruna S.p.A plants in Vicenza and Bolzano, Italy. The main goal of the project is to provide a layer to collect the data from the processing lines plant floor and deliver them to the customer's MES, interfacing different type of machines and control systems in a seamless way.

According to customer's needs, the new solution will lead to the optimization of data flows, improvement of operations visibility and quality tracking.

The full scope of supply includes:

- Development of Level 2 functionality for all identified machines
- Engineering and updating of existing electrical equipment and wiring diagrams
- Upgrade of the existing automation & control system adding the required hardware to collect the data from legacy control systems that are not network ready
- Development of PLC functionality for data collection from the field and the interface with Level 2
- Commissioning and support both on site and from remote

The AIC's solution guarantees and allows to optimize both the production process of the plant thanks to the reliable approach to data management, graphic interfaces and know-how efficiency. Integration with a new dynamic information system (MES) for different types of Levels 2 will drive effective execution of manufacturing operations.



### **AIC Automazioni Industriali Capitano sites:**

- Italy (Headquarters, Engineering & Workshops)
- United States of America (Sales & Service)
- India (Sales, Engineering & Service)
- Brazil (Sales, Engineering & Service)

AIC is a global system integrator providing advanced and tailored automation and robotic solutions for the steel industry, with the aim to continuously improve both efficiency, competitiveness and safety of the production processes. With more than 1000 applications worldwide and more than 40 years of history, AIC can boost a unique experience in both greenfield and revamping projects in meltshops and long products rolling mills.

Founded in 1925, Acciaierie Valbruna S.p.a. is a private company with an annual output of approx. 200.000 tons of specialty steels. Production is primarily focused on Stainless Steels and Specialty Alloys, available in blooms and billets, ingots, round, square, flat, hexagonal and angle bars, wire rod, wire, reinforcement bars and threaded rods, with the expressed goal of satisfying the most sophisticated needs of the customer. Today, Valbruna's production is utilized in various industrial sectors, such as: food and pharmaceutical, aerospace, automotive, chemical and petrochemical industries, construction, energy, mechanical, medical, naval and many others.

**For more information:**

- AIC Group: <http://www.aicnet.it/rassegna-stampa/>
- ATS Mechatronics: <https://www.ats.ud.it>
- LinkedIn: <https://www.linkedin.com/company/automazioni-industriali-capitanio>
- Facebook: <https://www.facebook.com/AICnet.it>
- Twitter: [https://twitter.com/AIC\\_solutions](https://twitter.com/AIC_solutions)
- YouTube: <https://www.youtube.com/channel/UCuHt-UjXoKViAXImXJl3q8Q>

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