

Successfully Factory-Acceptance Test for Columbia City and Jacksonville steel plants in North America

In the weeks 46-47 of 2022, the AIC North America team successfully granted Factory-Acceptance Tests for two strategic projects that will be completed in the early part of 2023.

The projects involve North American sites, specifically rolling mills in **Columbia City (Indiana)** and in **Jacksonville (Florida)**.

Indiana's project will maximize the yield and product tracking through a brand-new robotic island for bundles tagging installed at the rolling mill finishing end.

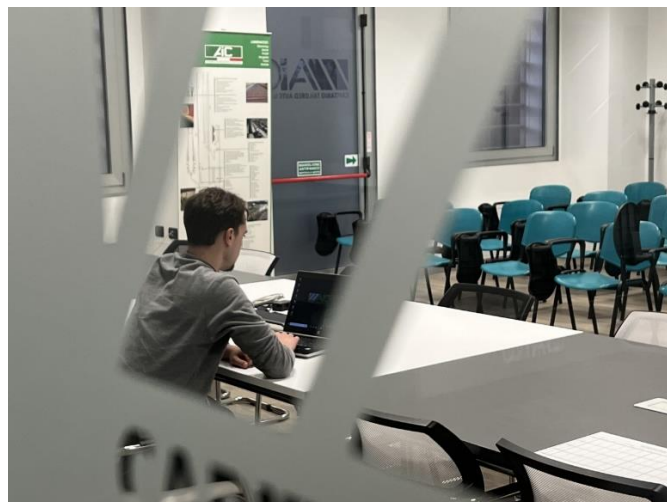
The speciality of this new application, which mounts an ABB floor-mounted robot with Siemens PLC, is the provision of a 6-coloured tags dispenser inside the robotic cell to visually detect special billets like EOH billets, DEFECTED billets, NEW HEAT billets etc. Coloured adhesive labels (for quality) will be applied together with the printed tags (for tracking) on the head of the bundle.

Commissioning is expected in mid-February.



Jacksonville's project will be facing Wire Rod line integrations, adding:

- Software engineering (logic modification and reallocation of all safety logic)
- All Wire Rod CPUs QMOS Interfaces
- New line machines on FactoryTalk HMI project and in QMOS interfacing recipes
- HMI modifications to delete dismantled machines and to include new machines on screens, recipes and QMOS.



About Companies:

AIC Group is a technological partner with extensive experience and deep know-how and stands itself as a global power control supplier and system integrator designing, manufacturing, and implementing automation systems, process control, and mechatronic solutions for both greenfield and revamping projects. Focusing on the steel and metals industries for long and flat products, the Group provides cutting-edge technical solutions by handling complex project schedules and thus establishing satisfactory and remarkable partnerships through its 6 international offices. More than 45 years of modernization for endless reliability processes.

In more than 10 years, AIC Group has reinforced its commitment in the **United States**, gaining a fast market penetration and growing in supply size and quantity.

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