

## AIC has been awarded a project for PLC interface for the rolling mill from a long time customer in Mexico.

The project involves a comprehensive upgrade and integration of control systems to enhance communication and data exchange between AIC and the newly installed Danieli equipment on the wire rod line, focusing on seamless interoperability and optimized performance. This includes the following key aspects:

- **Rolling Mill Communication Management:**  
The existing AIC Rolling mill control system will be upgraded to handle communication with the newly installed Danieli machines on the Wire Rod line.
- **New Machine Integration:**  
A dedicated effort will be made to manage the data exchange between the newly introduced Danieli machines. This includes setting up interfaces for real-time data sharing, adapting to specific requirements of the new machines, and ensuring that these systems function harmoniously within the existing infrastructure.
- **Data Exchange Optimization:**  
The project involves the control, analysis, and integration of dataexchange system to facilitate efficient data communication with the AIC rolling mill control system.
- **Control Software for New Loop Former:**  
Before the fast finishing block a control software for the newly installed loop former will be included in the engineering phase, incorporating advanced algorithms to ensure precise operation.
- **Recipe Configuration Integration:**  
Variables from the new PLC will be incorporated into the system to support the configuration of new rolling recipes.

Through these efforts, the project aims to deliver a fully integrated, optimized, and future-ready control system for the rolling mill operations, enhancing both productivity and adaptability.



**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.

**TYASA**, founded in 1985, has been characterized for being at the forefront of technology, with a wide range of products that markets four major product lines: Construction Steels, Coated Steels, Flat Steels and Special Steels.

In more than three decades of experience Tyasa has managed to build strong business relationships, based on attention and efficient service to our customers, before, during and after the sale, always prioritizing the quality of each of our products.

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