

AIC upgrades Rolling Mill Control Systems

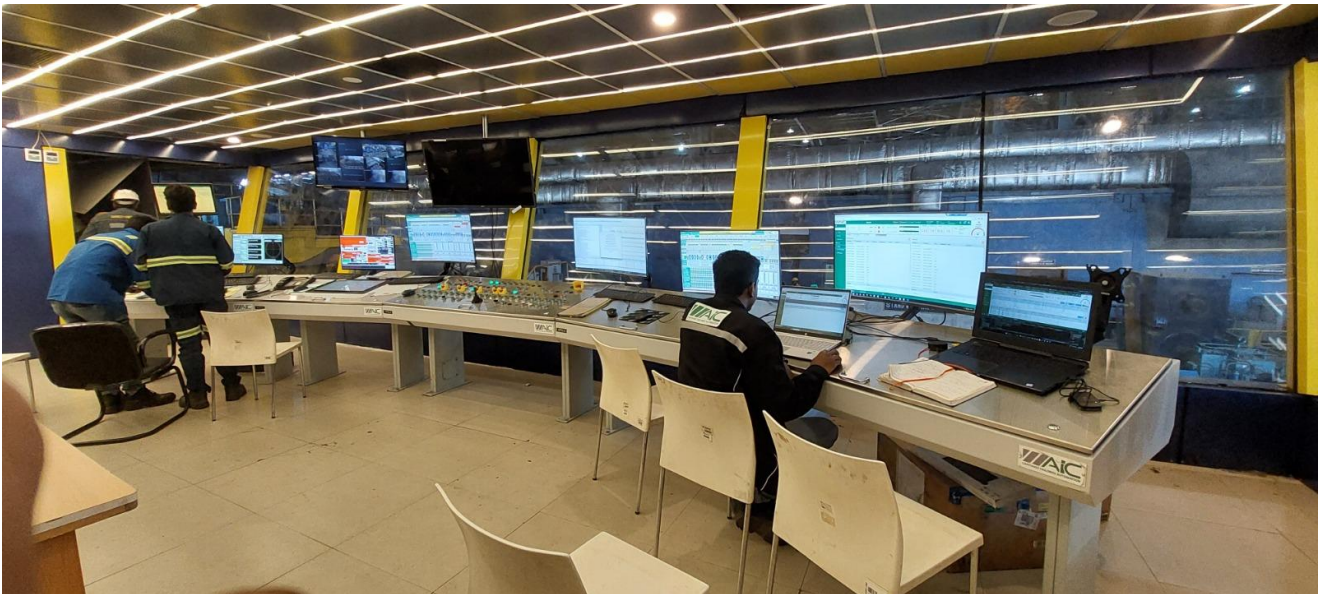
In December 2022 AIC India received an order from one of the Alloy-Steel manufacturers in Southern India to overcome the problems with respect to existing rolling mill control systems namely.

- Obsolescence
- Over 95% CPU loading resulting in inconsistent behavior of the control system
- 100% Memory utilization resulting in no possibility for program modifications & integration of external systems.
- Service and support issues.

The target of the project is to improve improving the overall reliability and availability of the control system. The scope of supply consists in:

- Advanced controllers based on Simatic S7-1500
- Simatic HMI servers based on WinCC Professional in redundant configuration ensuring high availability
- Profibus interface to existing drive systems based on DCS800 systems
- Interface to existing Motion controller already supplied by AIC
- Interface with external systems

The equipment was delivered in the first week of July 2023 and mill control system was put in Operation in the last week of October' 23, a QuickStart up and fast learning curve was realized and the first bar that was rolled after the start up reached the cooling bed as per the defined process set up.



Example of main control pulpit

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.

AIC decided to enter the Asian market in 2008, selecting India as a reference point and committing to invest in the country. As the CES unit for the Indian subcontinent, **AIC IN** works closely with the other units and divisions within the Group.

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