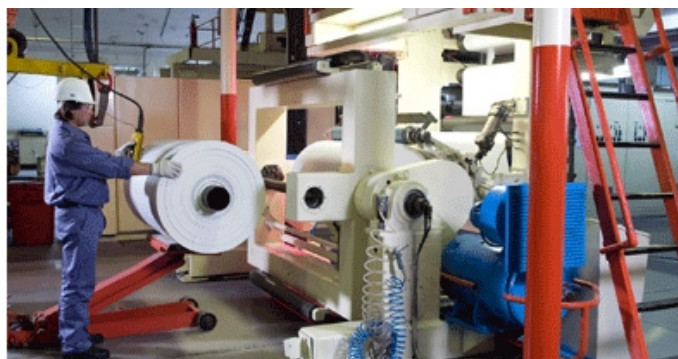


Logging analog variables of a rolling mill

Need:

Aluar required the acquisition and logging of analog variables from their aluminum rolling mills machines.

The supervision and control of the system should be done remotely using the plant's own LAN.



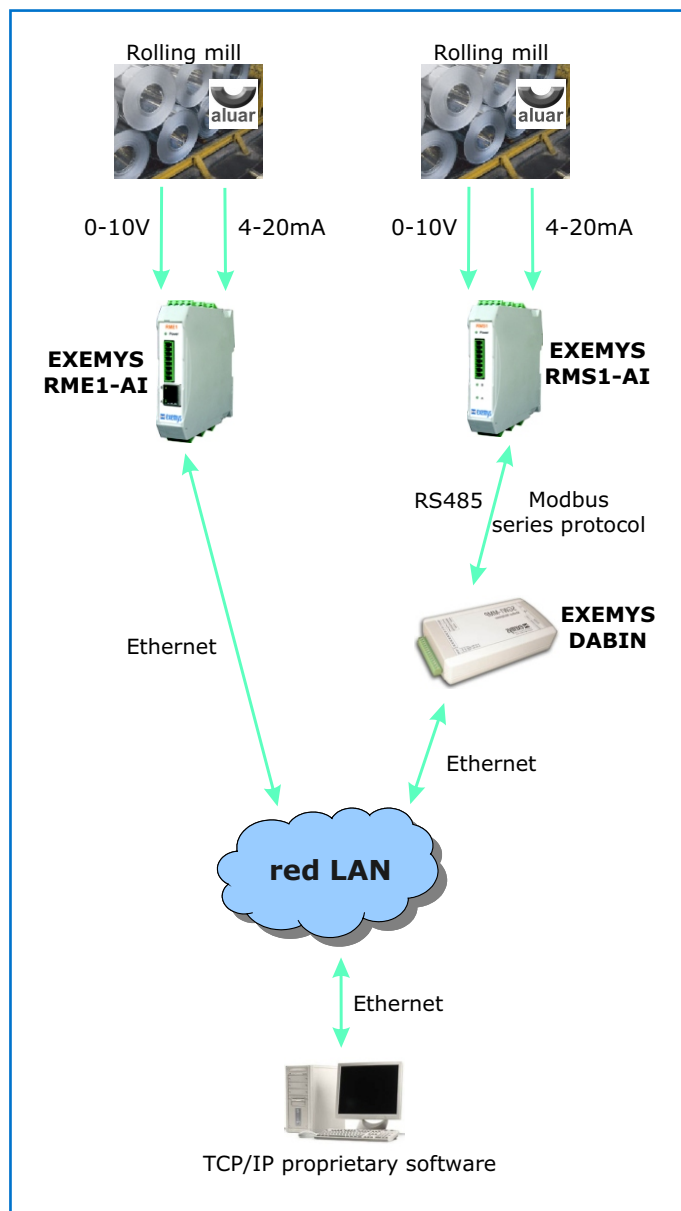
Solution:

The different variables from the machine, were presented in 4-20mA format or 0-10V so a decision was made to use Exemys analog acquisition devices of the RMS (Serial Output) and RME (Ethernet Output) family.

The acquisition devices acquired the variables and converted the information into a TCP/IP Ethernet data stream, in the case of RME.

RMS's serial output was connected to the Exemys DABIN equipment, which takes care of logging such variables and the communication management with the company's LAN. RME output was connected directly to the LAN.

From the plant automation and control office and by means of proprietary software developed by Aluar, the information is finally obtained from the logs of the different rolling mill analog signals



Equipments

