

Temperature Remote Monitoring of Industrial Computers

Need:

A company in the iron and steel industry instructed us to measure the temperature of industrial computers of process mounted in their plant. The computers were assembled in rack-type cabinets.

The company had an LAN Ethernet network all along the plant.



Equipments



EXEMYS
RME1-PT

Solution:

A decision was made to use the RME device of the family of industrial analog acquisition devices. Particularly, model RME1-PT which can obtain temperature measurements in industrial installations, by means of sensors of the PT100 type. Up to 8 sensors can be connected to each device.

The company's IT department developed proprietary software under the QNX platform to obtain temperature readings in XML format, which is one way of obtaining information from devices of the RME family.

Temperature measurements allow the company to control the correct operation of the cooling systems of industrial computers, avoiding faults or stops in the production line.

