

Remote Measurement and Management of Analog Variables

Need:

Banelco, a banking company, indicated to us the need to remotely measure and manage temperature and humidity of the different computer centers in their network.



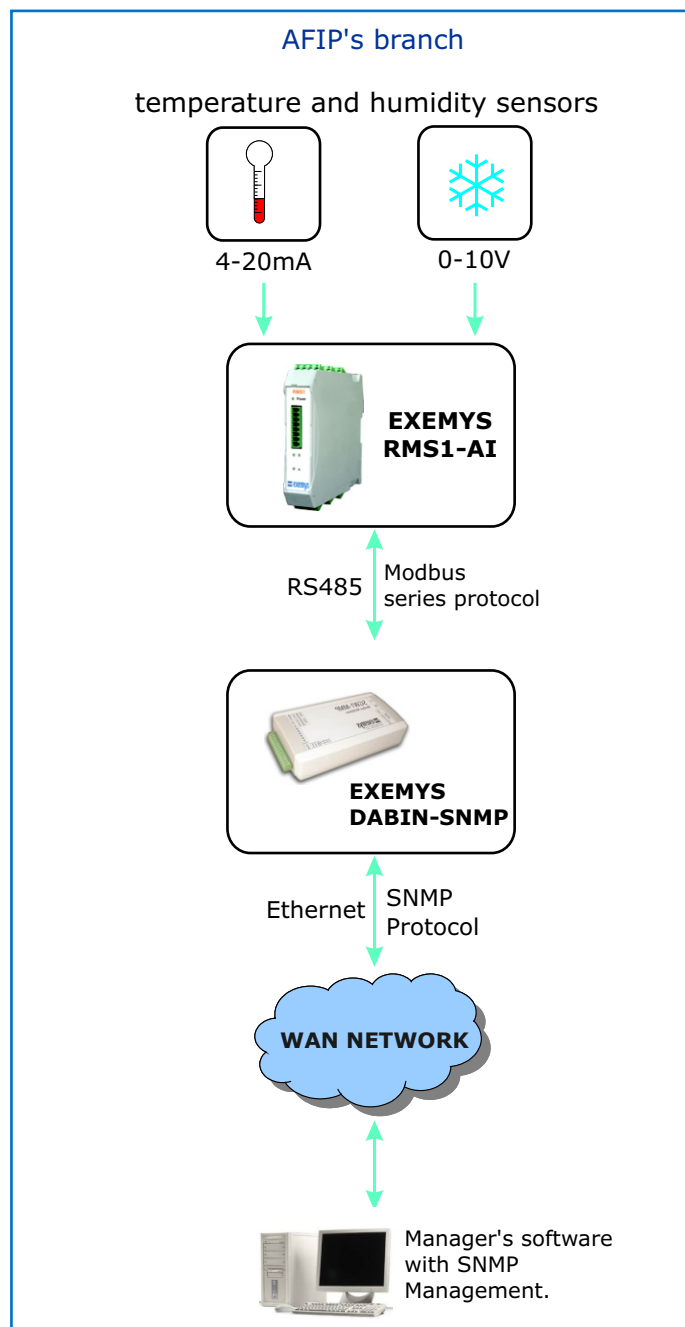
Solution:

The temperature and humidity sensors were already installed in each computer center and had a 4-20ma type of output for the temperature case and a 0-10V output type for the humidity case.

Both sensors were connected to the Exemys RMS1-A1 equipment, an acquisition device of analog variables with a serial data connection. This device acquires the temperature and humidity variables present at the computer center and converts the information into a serial data stream under the Modbus series protocol.

Such serial data output was connected to the Exemys DABIN SNMP equipment, which takes care of the management of communication with the company's WAN network.

From Banelco's data management office and by means of a SNMP Manager type of software, the information on temperature and humidity are finally obtained from each computer center.



Equipments

