

Water or tide level transfer

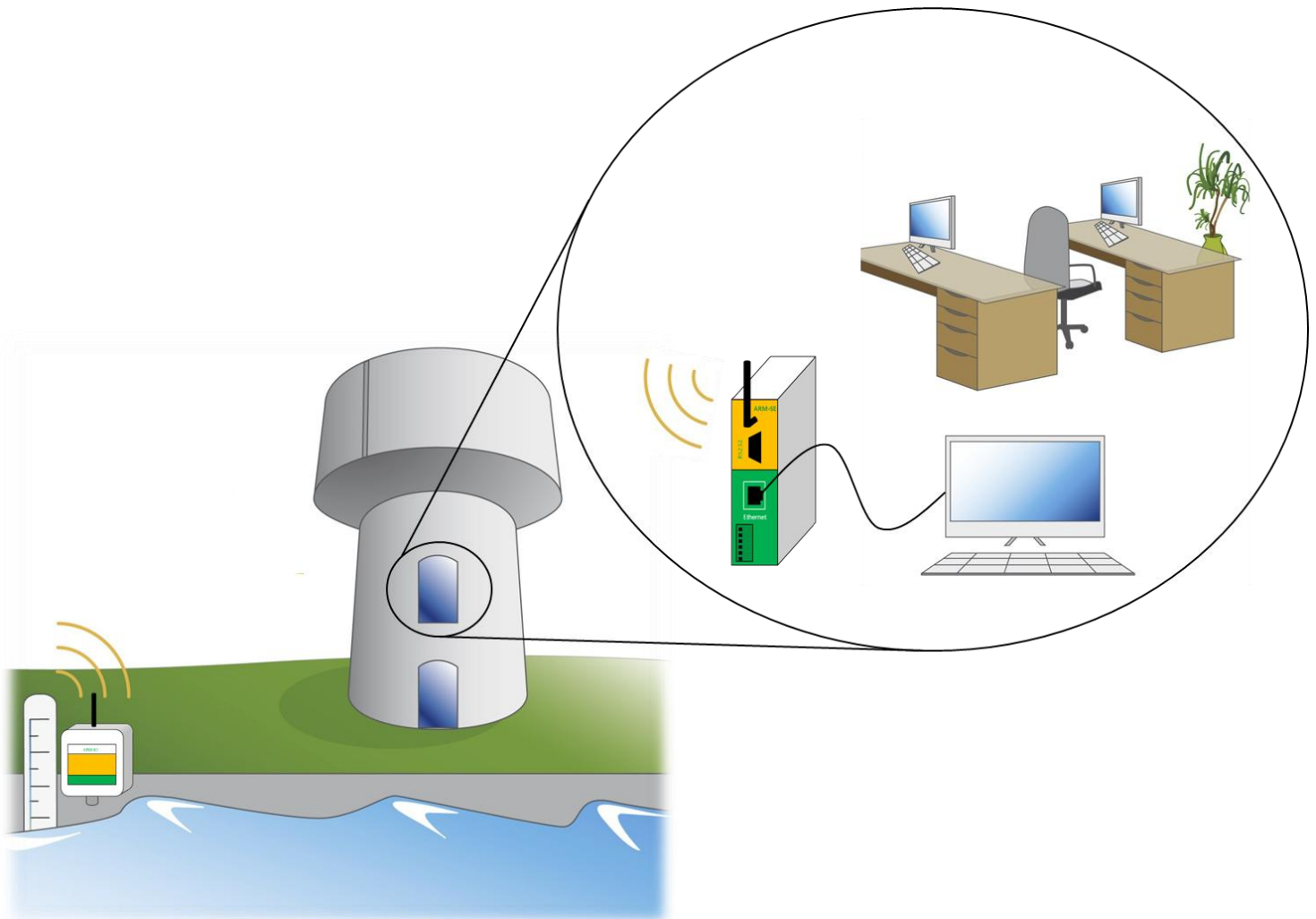


Objectives:

- Transfer the level value of a tide, a river, a tank, etc.

Products:

- ARM-IOA (-LP)
- ARM-SE

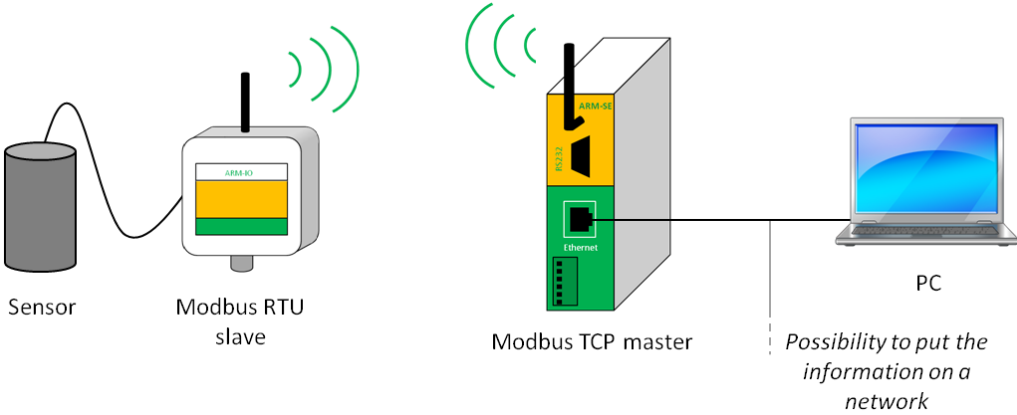


Application:

This application allowed to transfer a water level on a computer. A water level sensor must be connected to an ARM-IOA, and transmit it a 4-20mA signal. This signal is then received by an ARM-SE connected to a PC.

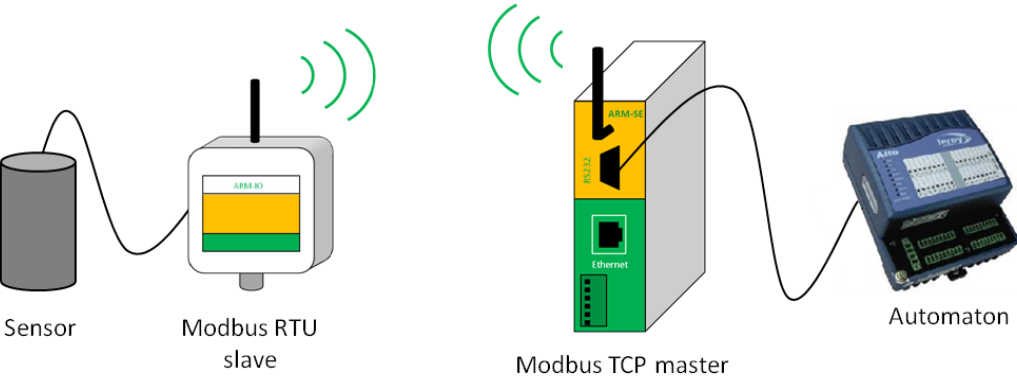
Configuration:

- With an Ethernet connection on the PC:



In Ethernet connection mode, the ARM-IOA must be configured in RTU Modbus slave. The ARM-SE, via its embedded web pages, is configured in TCP Modbus master and makes the bridge between RTU Modbus and TCP Modbus. The advantage of the Ethernet connection is the possibility to send the information directly on a network, and to access it locally or via Internet.

- With an RS232 connection on the PC:



In serial link mode, the ARM-IOA must be configured in RTU Modbus slave, and the ARM-SE in serial transparent mode. The automaton is Modbus master and interrogates in pulling all the ARM-IO concerned.