

RMIS – France

Automatic bagging system

RMIS is a bagging and dosing machine manufacturer located in France. RMIS has built its reputation on powders and granulates dosing for agriculture, waste industry, cement, fertilizers and quarries.

Customer need

RMIS had to design a high speed automatic system to fill bags of sand with capacities varying from 2 kg to 40 kg. The sand is stored in a hopper and alternatively distributed on two dosing lines with a conveyor belt scales equipped with load cells. Each batch is then unloaded into the bag for sealing.



SCAIME solution

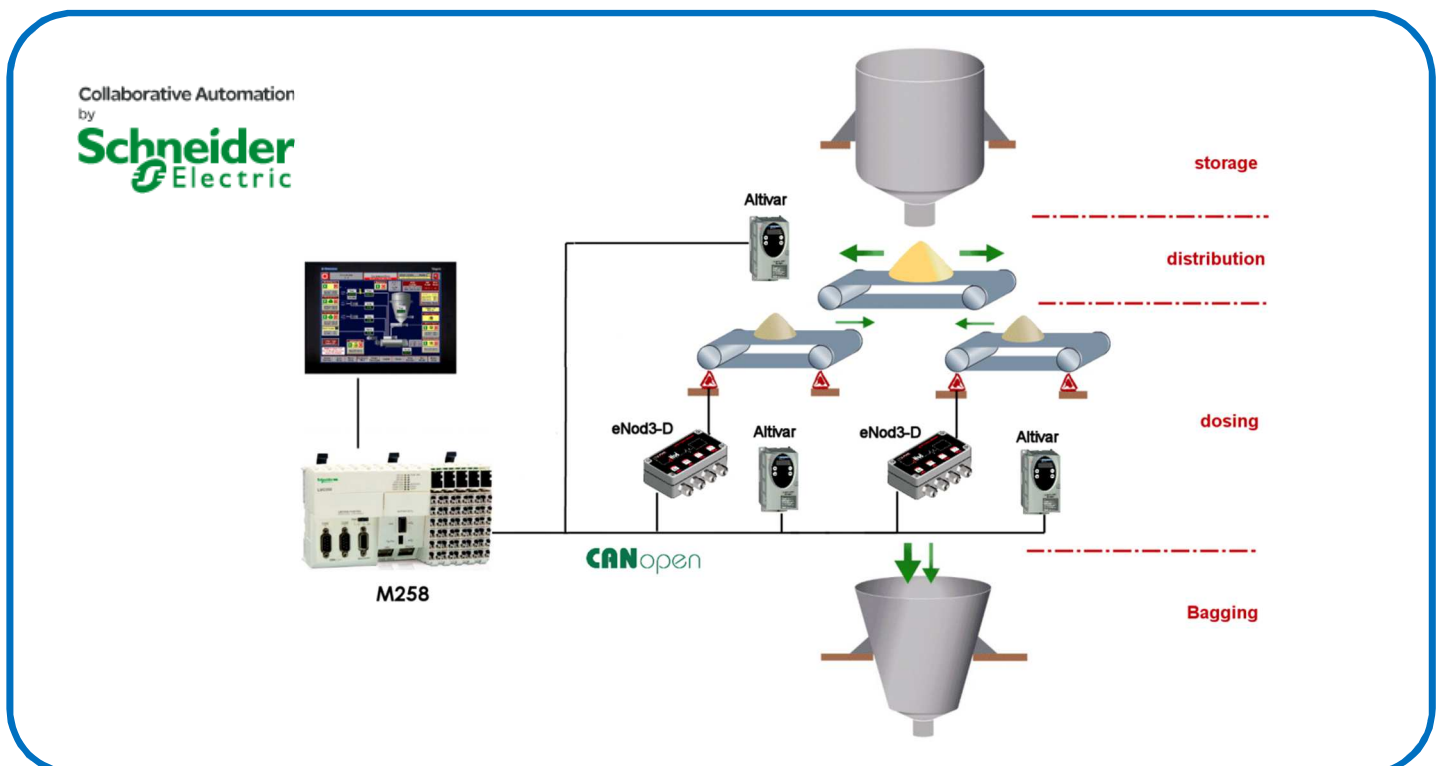
SCAIME provides a solution with Schneider Electric. In this solution, the M258 manages the sand distribution to optimize the bagging rate. eNod3-D takes care of dosing control by filling the corresponding belt scale. At the end of the filling process, eNod3-D unloads the batch in the bagging device.

SCAIME products:

- 8 load cells F60X with mounting kits
- 2 dosing controllers eNod3-D on CANOpen

Automation products:

- 1 PLC Schneider Electric M340
- 1 HMI Schneider Electric XBTGT 5230



Customer benefits

- Optimized architecture for best performances: devices being dedicated to tasks for which it is perfectly fitted.
- Easy and secured connectivity thanks to CANopen network.