

SASIL – Italy

Silo level monitoring and powder mixing

SASIL SpA is a company of the MINERALI INDUSTRIALI GROUP. SASIL produces feldspathic and silica sands for glass, ceramic industry and sanitary ware.

SASIL runs a complete cycle of mining, processing and product packaging.

Customer need

For this application, SASIL was looking for a solution for the products mixing of and continuous process feeding:

- Control and management of products to mix
- Mixing of 2 products with adjustable percentages
- Continuous feeding of the mixed product and calculation of the quantities produced

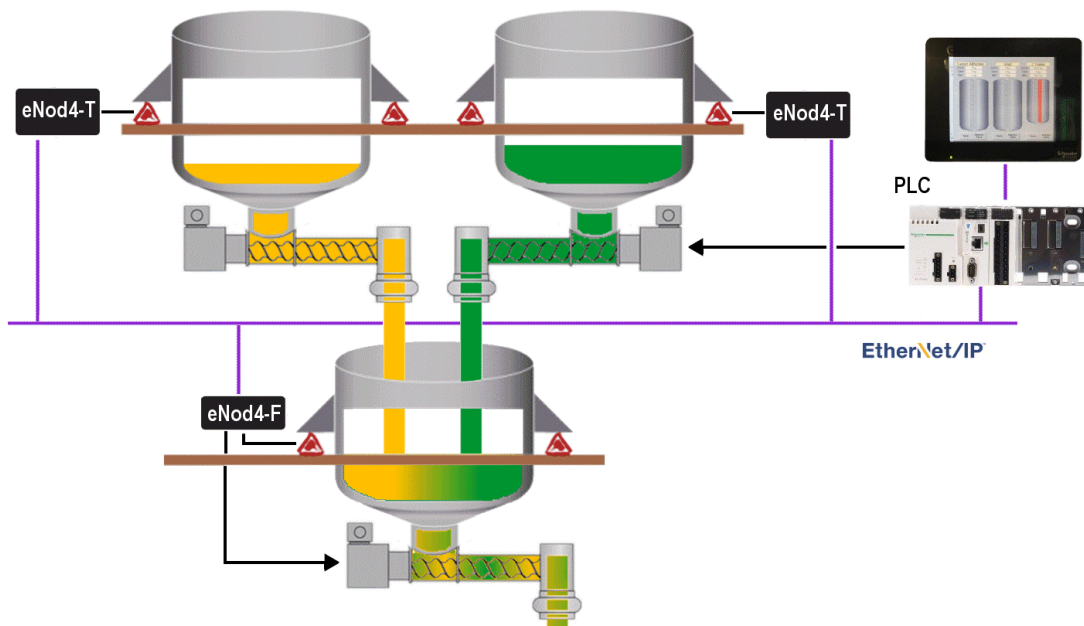


SCAIME Solution

- For the management of the products to be mixed, 2 eNod4-T weighing systems connected to the EtherNet/IP network.
- For the mixer, an eNod4-F Continuous Loss-in-weight system takes in charge the flow rate control and the continuous totalization of the mixed product.

SCAIME Product :

- 8 load cells R10X 1t and 8 mounting kits SILOSAFE EVO for the weighing of 2 storage silos.
- 4 load cells SK30X 1000kg and 4 mounting kits STABIFLEX for mixer weighing
- 2 weighing controllers eNod4-T for level monitoring of storage silos
- 1 weighing controller eNod4-F for continuous loss-in-weight dosing from the mixer.



Customer benefits

- Optimized architecture where the PLC takes in charge the system supervision while weighing operations are supported by eNod4 controllers
- eNod4-T dedicated to level monitoring and eNod4-F dedicated to continuous flow rate control and product totalization.