

GREIF – Italy

Dynamic checkweighing for containers

Greif is a world leader in industrial packaging products and services. They produce steel, plastic or fibre containers and provide blending, filling and packaging services for a wide range of industries.

Customer need

GREIF Italia needed to dynamically control the weight of containers, by comparison with a standard weight.

The weighing system had to achieve the following performances:
Weighing rate of **100 product / min.** with standard deviation **<10g**
for product weight **up to 25kg**

SCAIME solution

SCAIME provided a solution in partnership with its Italian integrator NONIS Srl. In this solution, the PLC takes care of general system controlling. With the parameters coming from the PLC or eNodTouch, eNod4-C takes in charge digital filtering, dynamic checkweighing functions and automatic ejection of non-compliant products.

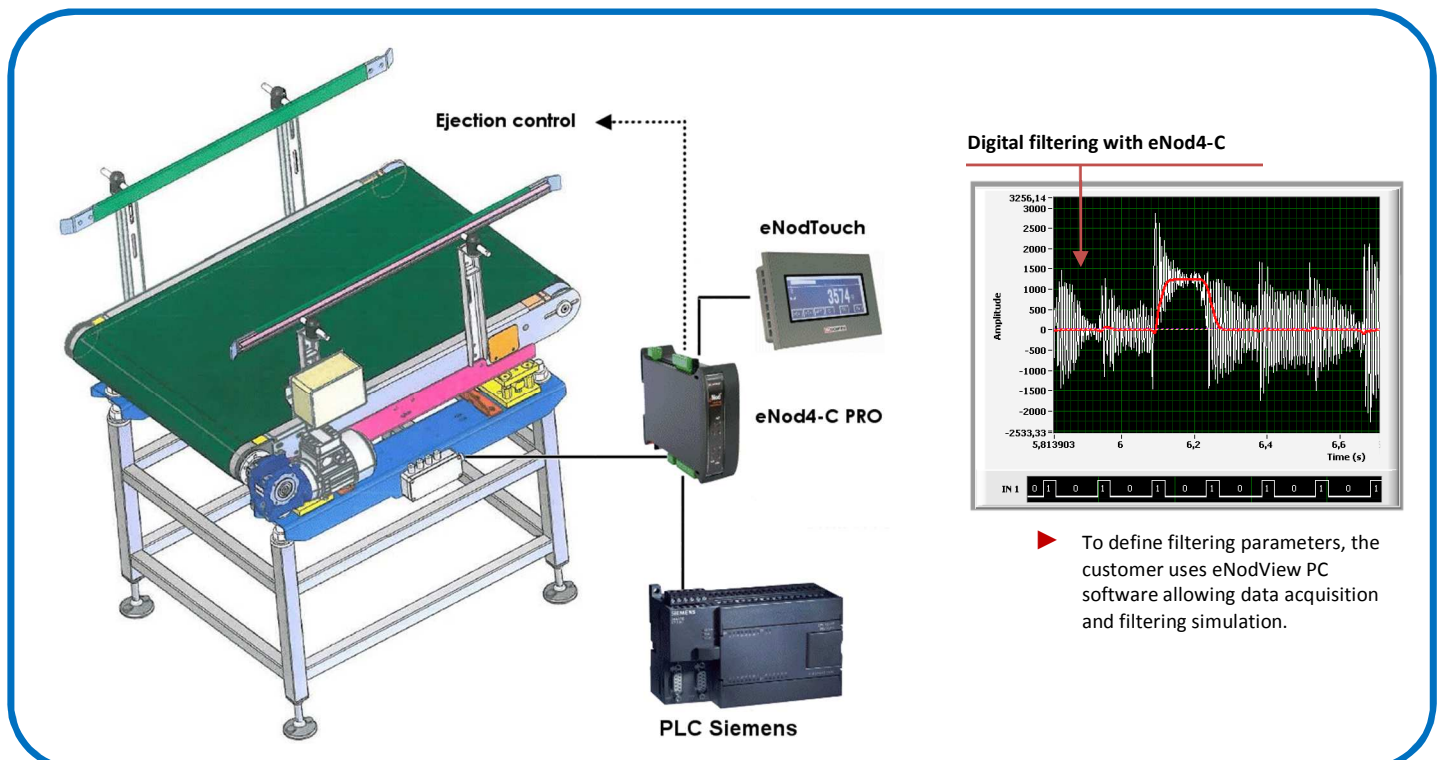


SCAIME products:

- 4 load cells F60X 50kg with STABIFLEX mounting kits
- 1 Checkweighing controller eNod4-C on Profibus-DP
- 1 tactile HMI eNodTouch

Automation products:

- 1 PLC SIEMENS
- Conveyor belt



Customer benefits

- This architecture provides high speed in line production monitoring: Each product is controlled and incomplete containers are automatically ejected by eNod4.
- The system reaches very high speed, by controlling up to 120 containers / min, at the requested accuracy of +/-5 g.