

## CASE STUDY

### FOOD PRODUCTS DOSING FOR THE FARMING INDUSTRY



#### CHALLENGE

- ▶ Our client, a food producer specialized in food-preparation for breeding livestock wanted to modernize his dosing system.
- ▶ The ergonomics and tracability of the control software would allow both the formulation laboratory and the operators to work simultaneously on the dosing system.
- ▶ Tracability of the dosed ingredients would allow to follow each component, each batch and each supplier.
- ▶ The operators registration had to complete the tracability (turnover).
- ▶ The plant working in continuous flow, could only stop for short maintenance operations, so the modernization operation had to follow a rigorous schedule.

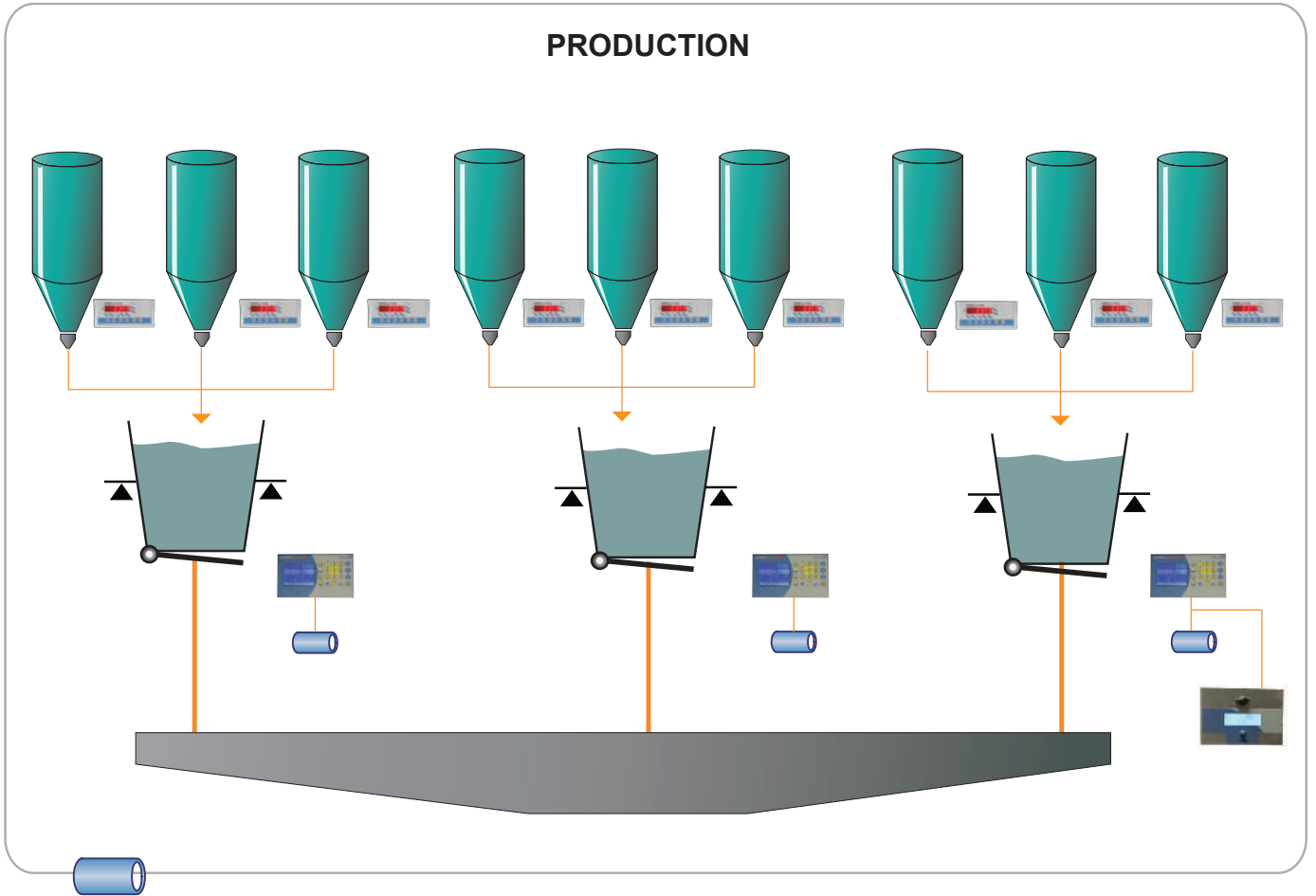


- ▶ The dosing-weighing system was interconnected with a PLC and an ERP, so the continuity of these links and the integrity of the data had to be guaranteed when they switch to new equipment.
- ▶ Until now, management and tracability were carried out on paper and had to be saved on a numeric support.
- ▶ The dosing system could not be shut down for a long period, to guarantee a fast restart.



# SOLUTION

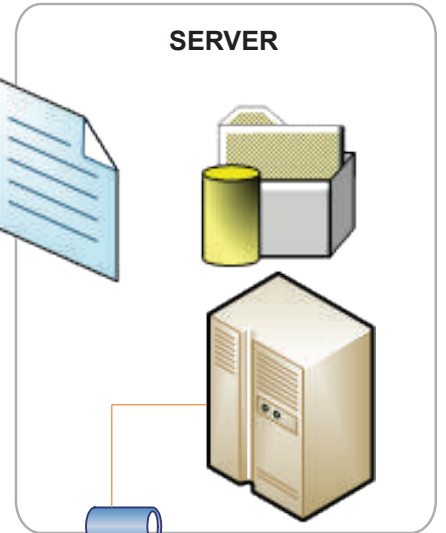
## PRODUCTION



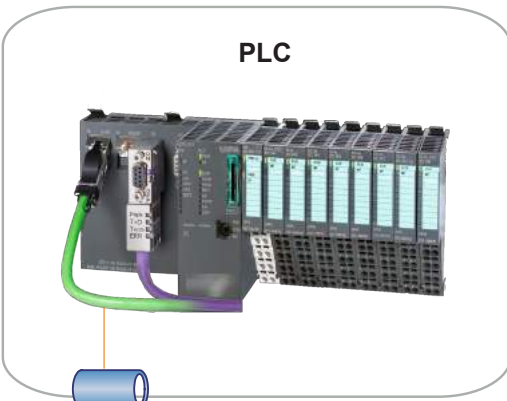
## OFFICE



## SERVER



## PLC





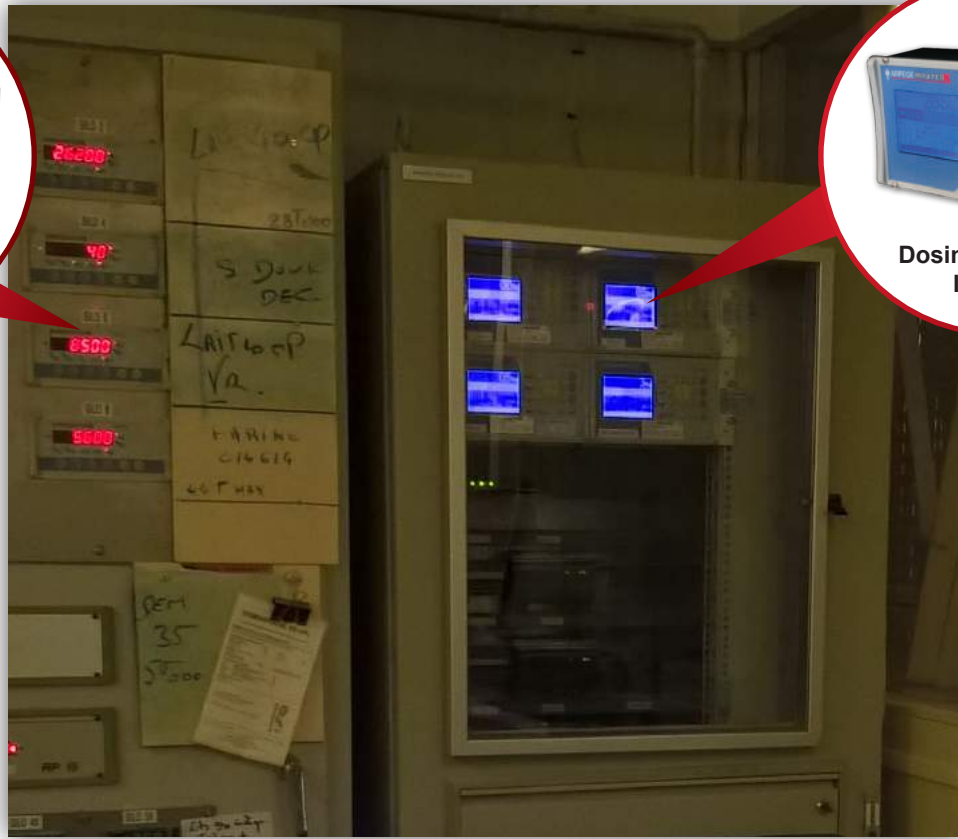
# SOLUTION (OUR WEIGHING EQUIPMENTS)



Dosing Remote display  
RP 15



Dosing Indicator  
IDE 250



Weighing load cell  
FFX 3000



