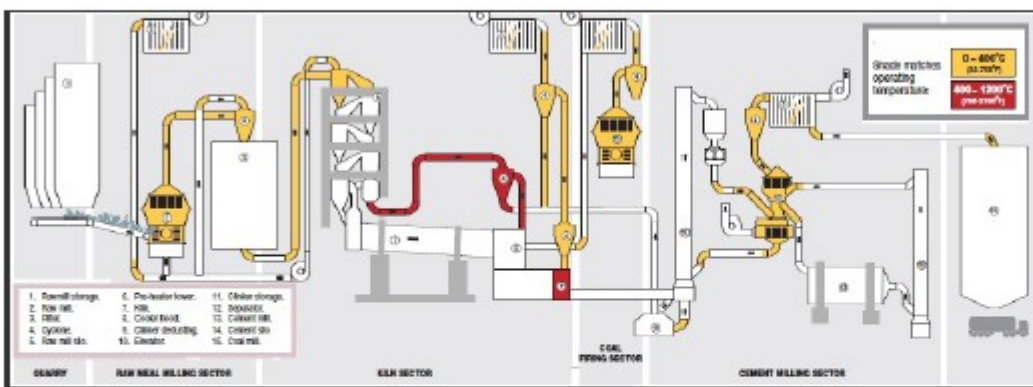




# saie



# Engineering process automation

## Cement Industry

S.A.I.E. E&A is a provider of implement analysis systems for cement plants, with services ranging from planning and commissioning through to maintenance.

This case study provides an over-view of the cement production pro-cesses and describes how S.A.I.E. E&A solves defined analysis tasks with its broad portfolio of instruments and systems engineering as well as its experience with applications.

S.A.I.E. E&A is a leading provider of process analytics. Over decades, S.A.I.E. E&A has proven its ability to suc-cessfully and reliably implement analysis systems for cement plants, with services ranging from planning and commissioning through to maintenance.

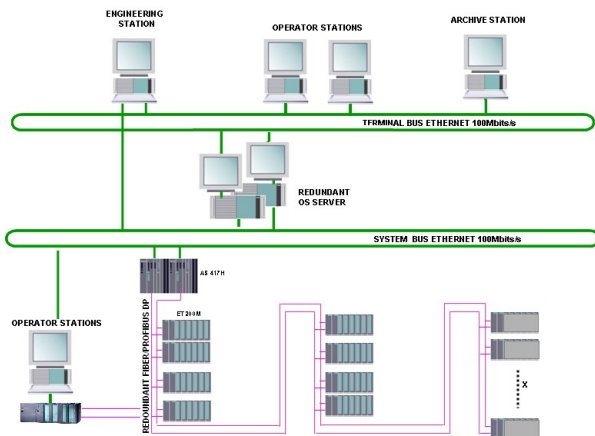
This case study provides an over-view of the cement production pro-cesses and describes how S.A.I.E. E&A solves defined analysis tasks with its broad portfolio of instruments and systems engineering as well as its experience with applications.

## Advantages

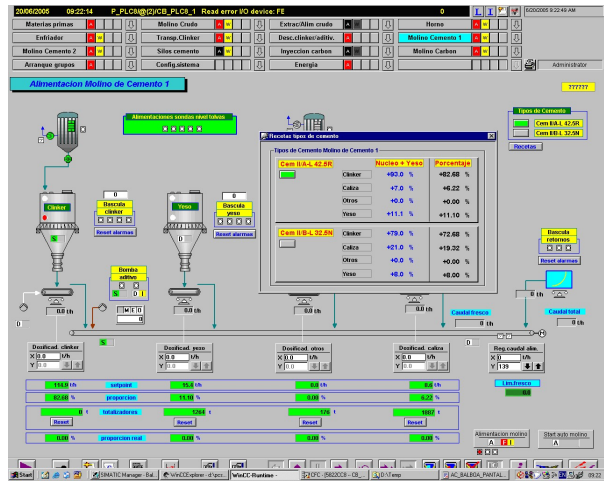
Several ways can achieve an increase in productivity: decreasing the down and dead time, less energy consumption, faster and more precise processing cycles, link and synchronization to the production cycle, easier operation, more job safety, cheaper replacement parts, data exchange with higher-ranking computer systems.

## World site

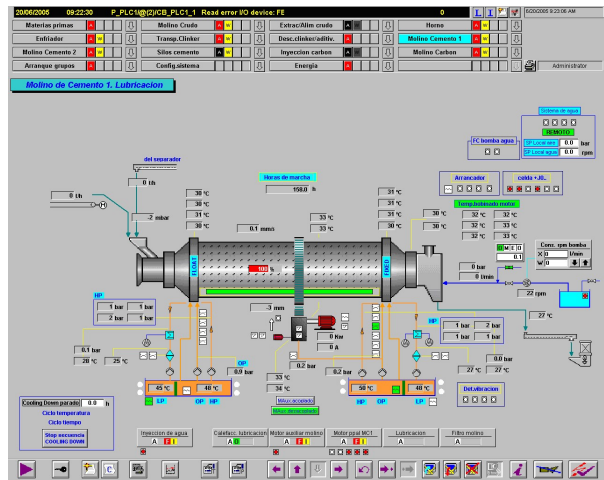
S.A.I.E. operates system integration centers in Savona Via Della Nunziata 4.



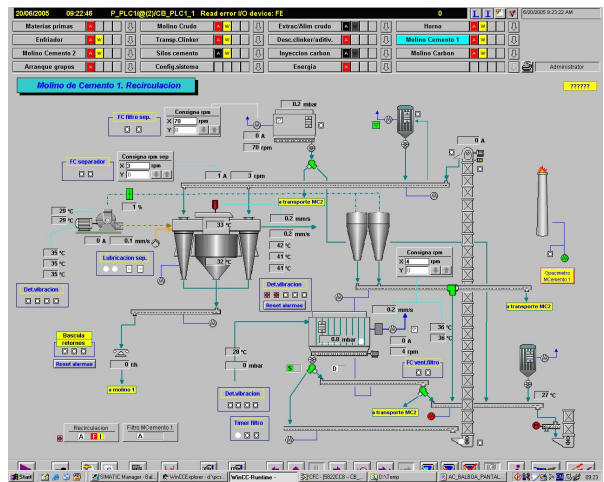
## Network configuration



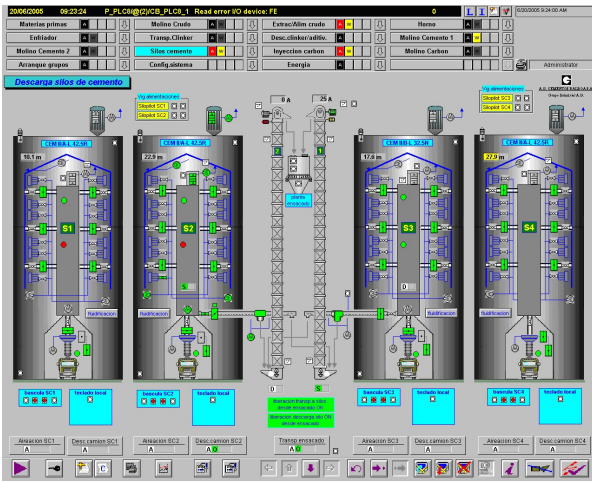
## Feed Mill with materials recipe



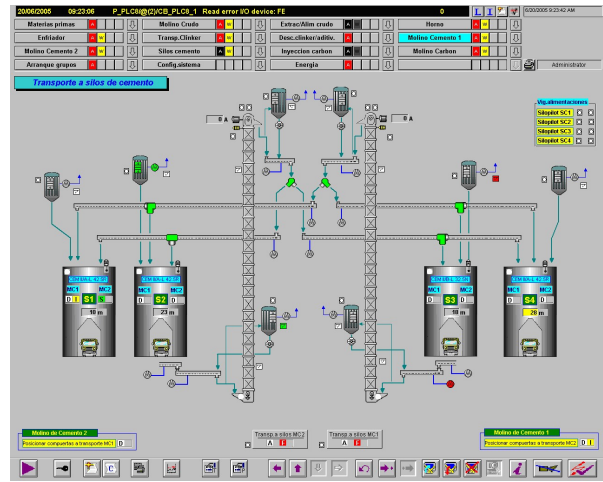
## Cement Mill



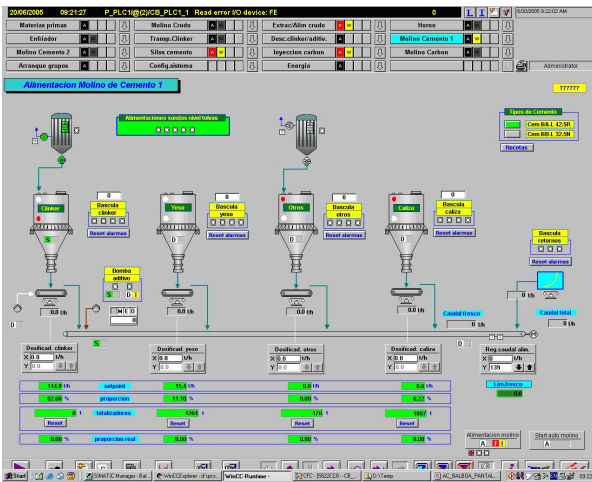
## recirculation of cement silos



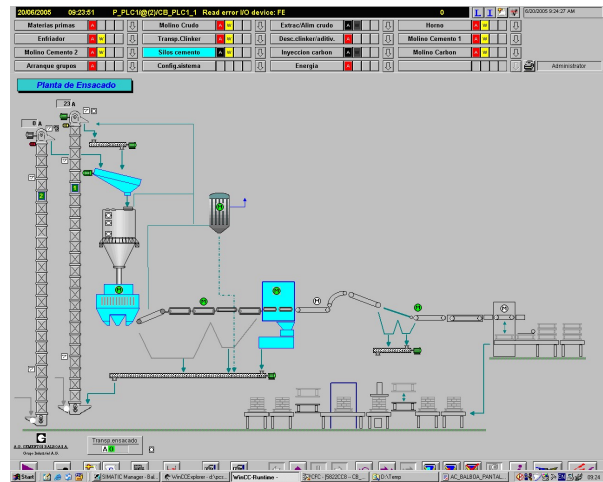
cement silos discharge



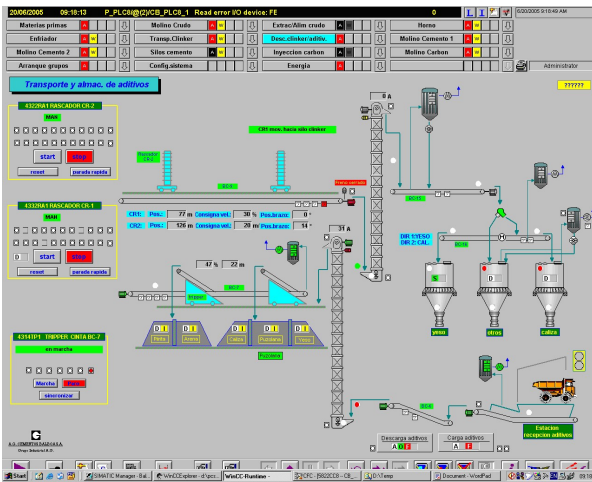
To Silos transport



Load cement silos



Cement bag



Additives transport



