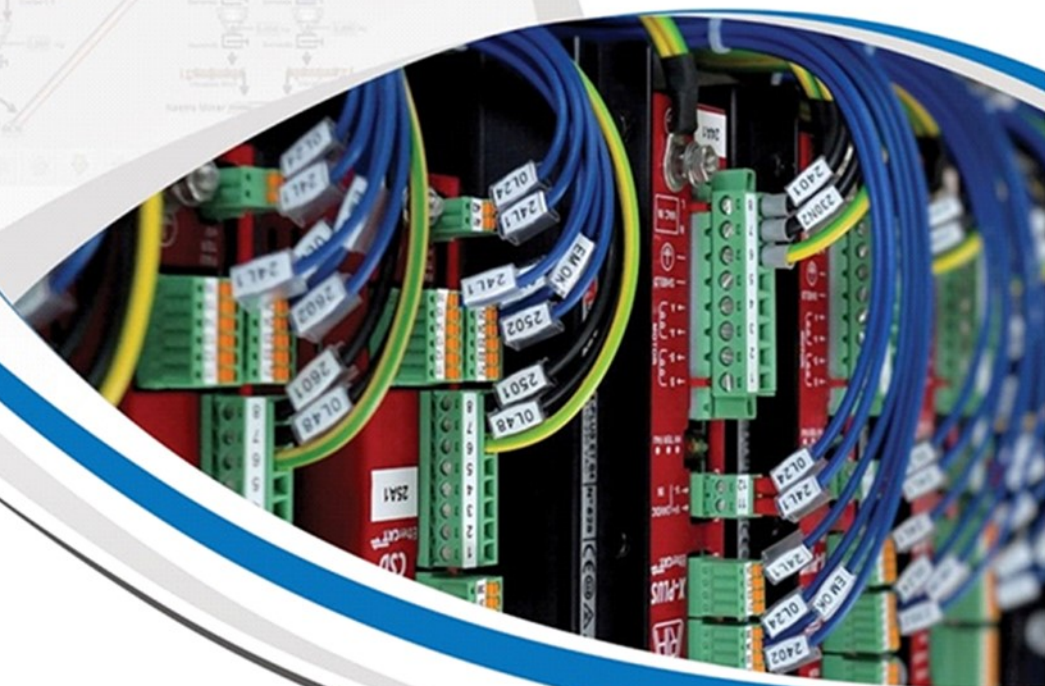




# saie



## Engineering process automation from S.A.I.E. E&A

The Italian company is an innovative and internationally operating for automation solutions in all branches of industry. As a specialist for measurement and control technology we are recognized with a considerable reference list.

In the field of automation we make the following service:

- Analysis of manufacturing processes
- Planning and projecting
- Control and process control technology
- Drive engineering and machine controlling
- Automation
- Factory automation solutions
- Staff training

We are glad to make our know-how in the glass industry. One of our strength is full support throughout the course of our customer's project: starting with technology development of a plant till the actual start of the production process.



- FROM BATCH HOUSE TO WAREHOUSE
- SINCE MORE THAN 25 YEARS EXPERIENCES



## Glass Industry

Standardized automation concept: From the batch delivery to the storage.

The company S.A.I.E. E&A has been in the glass industry for many years and thus has experience in a variety of automation techniques.

The primary performance for planning and implementation of automation solutions are, on the one hand, to cut production costs per piece and, on the other hand, to build an integrated automation system made of standardized components..

- EXPERTISE, RELIABILITY AND INNOVATION AT THE SERVICE OF PRODUCTION

## Glass Productions

A solution that **S.A.I.E. E&A** offers up-to-date control and drive engineering for your plants. We achieve highest performance on the basis of the latest control system .



## 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.**



## Our Services and solutions' products

- Glass Level Measurement
- Furnace Control
- Forehearth Control
- Thermocouples & Pyrometers
- Batch Control
- Boosting Systems
- Bubblers
- Supervisory Systems
- Data acquisition
- Furnace Camera
- Engineering & Start Up
- Field Instrumentation
- Training & Courses
- Service

## S.A.I.E. E&A Furnace 12 Verallia Deگو ( Italy

Th S.A.I.E. E&A has been awarded a turnkey contract for a tracontract value of over one million euro with completion times and stop production plant very tight. ThThe project was completed successfully and full customer satisfaction.



## New Electro-Instrumentals Plant

- Plant Cooling Water utilities Furnace;
- Water system tecnology, industrial water and Pumps
- OCD for Combustion Furnace
- Gas Plant for Combustion Furnace
- Combustion air ,reverse air control and flue draft forced
- Pressure Oven,Level glass,TVCC Combustion Camera and Loader furnace
- TVCC
- Data Logger
- Lines IS



## Supervision Plant:

The supervision system is complete of N.°7 P.C. that Communication with PLC in Ethernet Controller Link.

