

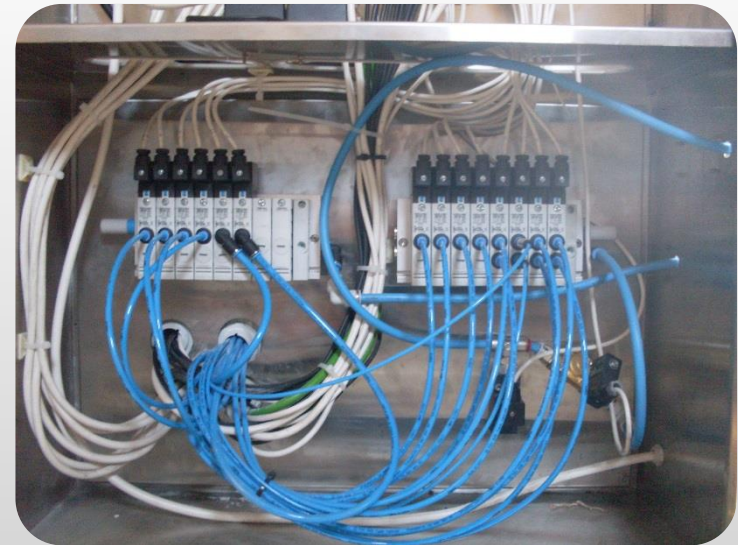
Company: Balkis
Juice

Location: Ansarieh

Country: Lebanon

REQUIREMENTS of the customer:

- Design and Apply a control system for the Juice filling machine able to adapt several bottle sizes.
- Machine Steps are divided into several steps such as : Bottles Import, UV Screening, Filling Step1, Filling Step2, Covering, Capping.
- Some of the challenges were in machine optimization in terms of cycle time and software adaptation, to have one bottle filled covered and capped in the fastest way to reach 2,600 Bottles per hour on the 250ml size which is an excellent number for a rotary Machine.



Solution
Partner

SIEMENS

Automation
Drives

Contact:

Point center (Afrah
Plaza), BLVD Fouad
Chehab, Sin El Fil
55021 Beirut Lebanon

Phone: +961 1 491161

Fax: +961 1 491162

Company: Balkis
Juice

Location: Ansarieh

Country: Lebanon

BENEFIT of the customer:

- **High Efficiency on availability** thanks to the Siemens Design on the controllers size, high speed processing and Software Cycle time.
- **Production Costs are automatically reduced** as the machine is designed to be operated by one operator for input and output conveyors, as well as the accuracy of capping and covering guides the machine to error less production.
- **Maintenance Costs are taken into consideration** by indicating on the HMI any generated alarm whether Electrical or Mechanical avoiding any sudden breakdown or mechanical accident.
- **Maintenance Costs are taken into consideration** by indicating on the HMI any generated alarm whether Electrical or Mechanical avoiding any sudden breakdown or mechanical accident.



Solution
Partner

SIEMENS

Automation
Drives

Contact:

Point center (Afrah
Plaza), BLVD Fouad
Chehab, Sin El Fil
55021 Beirut Lebanon

Phone: +961 1 491161

Fax: +961 1 491162

Company: Balkis
Juice

Location: Ansarieh

Country: Lebanon

Implementation:

- The solution Partner was able to help by implementing a flexible software user friendly for the operator with the ability to control all machine functionalities using system settings and Password protected access level.
- Siemens Products fits perfectly with the System design handling computed tasks taking care of all safety functions keeping the machine running smoothly with the best production ratio.



Solution
Partner

SIEMENS

Automation
Drives

Contact:

Point center (Afrah
Plaza), BLVD Fouad
Chehab, Sin El Fil
55021 Beirut Lebanon

Phone: +961 1 491161

Fax: +961 1 491162