

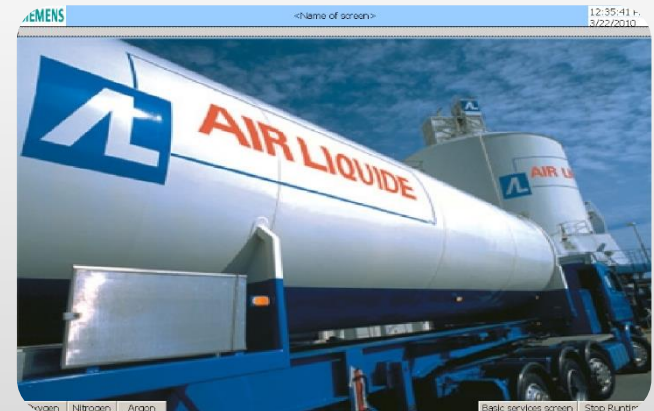
Company: Air
Liquide

Location:
Adra –
industrial Area

Country: Syria

REQUIREMENTS of the customer:

- **The control System of Each backup station is equipped by:**
- **Independent Control System of Gas Separation Unit**
- **Independent Control from Different Stations: O2, Ar, N2**
- **Simplified and Reliable Hardware Architecture**
- **One Controller with Remote IOs for each station.**
- **Scada interface for user friendly control system.**
- **All Hardware for the control is integrated within one control Cabinet to include one Main controller taking care of all control functions regardless of the Inputs Outputs of each station.**



Solution
Partner

SIEMENS

Automation
Drives

Contact:

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Implementation:

- the main reason for the Implementation by the Trusted Solution Partner carry much more advantages than System integrators, therefore client insisted on certified partners to execute this critical application in Air Separation unit and Gas Handling.
- Automate as solution partner used its experience in the hardware design and architecture by implementing the below technologies:
 - S7-300 CPU315-2 PN DP.
 - ET200s Remote Ios for each station WinCC Flexible Runtime for SCADA Control System installed on Heavy Duty Industrial PC.
- The main reason for using Siemens Products are well known for Sustainability and Reliability in particular S7-300 Family and the CPU315 State of the art product in tis high speed of processing, computing and execution of required tasks in addition WinCC Flexible offers a wide range of useful functions that fits perfectly medium requirements applications at a very reasonable price and convincible ratio of the techno-commercial relation.



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