

Process Control System for Aramco waste-water treatment plant , Dhahran, KSA



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Founding year:

1999

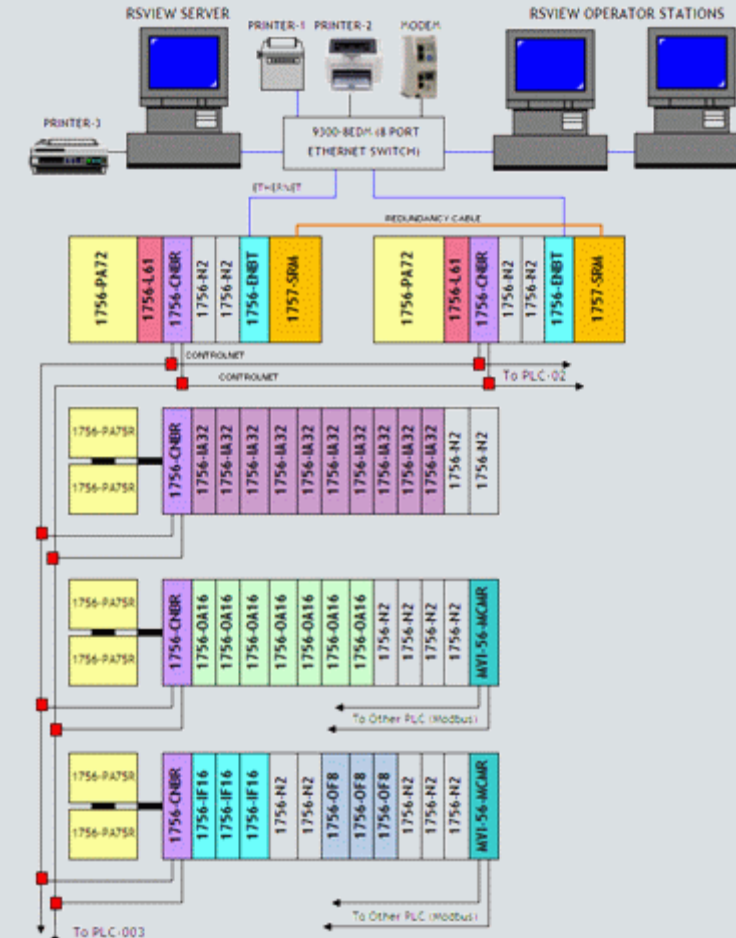
End User: Saudi Aramco (Contract # BI-10-00466)
 Customer: M.S. Al-Suwaidi Ind Services
 Segment: Water Treatment

Requirements of the customer:

- As a part of Aramco Dhahran Sanitary Wastewater Treatment Facilities Up-gradation Project M/s SIS had to supply a latest, field-proven control system for the complete operation & controls of the two waste water treatment plants .
- In this connection, M/s Prudent Solutions WLL was awarded the contract to supply & commission the Process Control System (PCS) for NSTP and AWTP for sequencing, interlocking, data acquisition, display & alarming of the plant operations.

Short description of the solution

AB ControlLogix based Redundant PLC System with Factory-TalkView SE SCADA.



Recognized Systems Integrator

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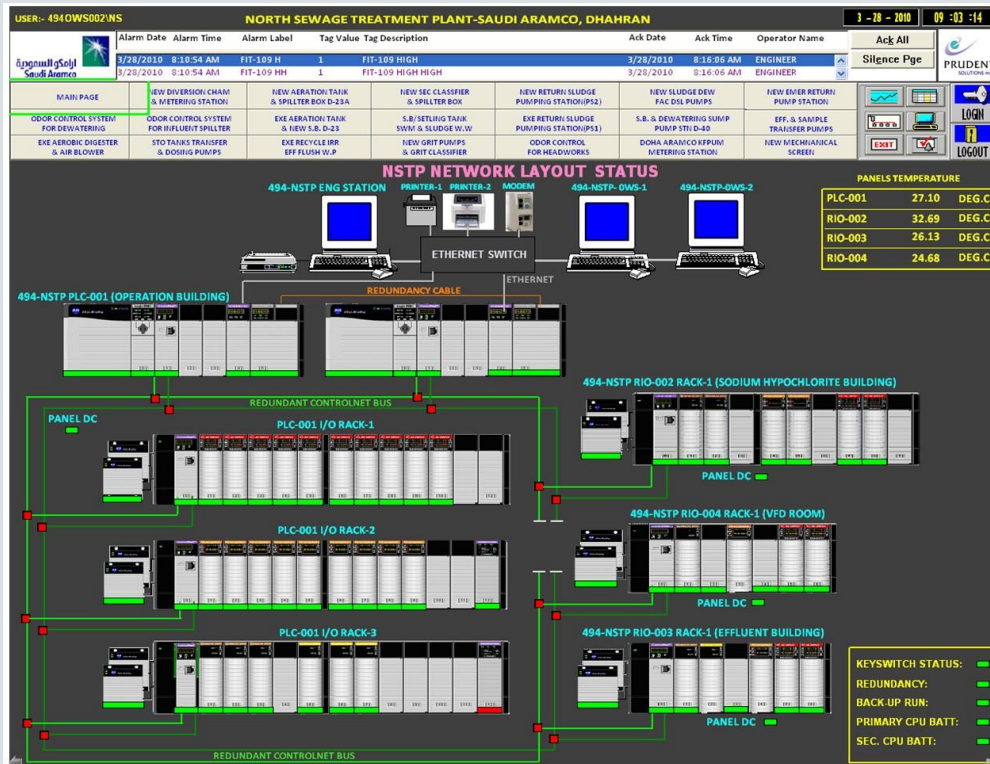
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Implementation by the Solution Partner:

- Redundant ControlLogix PLC System communicating to Remote I/O Stations across the Plant on redundant controlnet communication
- Saudi Aramco SAMSS-820/821, 830 Compliant design



Benefits for the customer:

- Reduces maintenance and downtime costs
- Highly Modular
- Plant-wide control with a single controller platform
- Ease of Operations

