

PLC / SCADA for Sitra Marketing Terminal Tank-farm Automation, BAPCO, Bahrain



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Founding year:

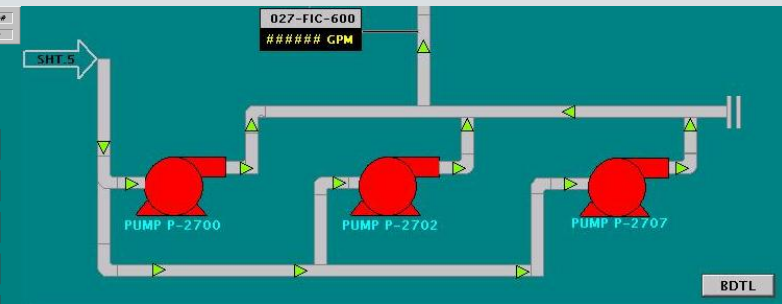
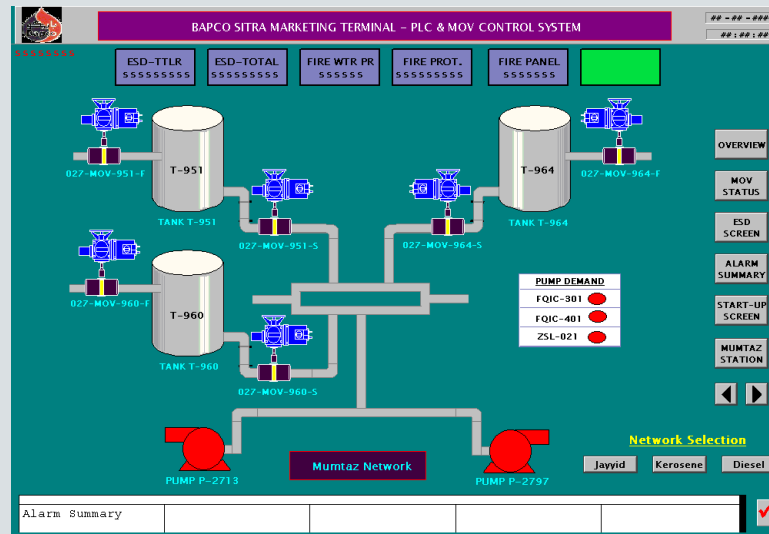
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Implementation:

- AB ControlLogix based Process Control System
- Redundant Controller, Communication Interface, Power Supply with Simplex I/O's
- 2 nos. of Modbus-RTU interface link for communicating to Limatorque MOV's
- 2 nos. of Operator Work Stations (RSView32) in Control Room & BDTL facility.
- Duly wired IP-55 rated System/ Marshalling Cabinets & IP-66 rated RIO Panels
- Redundant Layer-3 Managed Ethernet Switches with Report and Alarm Printers

Benefits for the customer:

- The centralized control system made the overall operation much easier & reliable.
- Completely integrated with all third party systems
- Optimized productivity of operators and lower risk using role-based access to process control system.
- Highly Flexible / Expandable



MOV STATUS			
VALVE OPENED	#	VALVE CLOSING	#
VALVE CLOSED	#	VALVE JAMMED	#
VALVE STOPPED	#	LOCAL MODE ON	#
VALVE OPENING	#	COMBINED FAULT	#
OVER TEMP FLT	#	OPEN TORQUE FLT	#
DI-ENRGISE FAIL	#	CLOS TORQUE FLT	#
CHANNEL FAULT	#	MANUAL OPR FLT	#
PHASE ERROR	#		

