GE Consumer & Industrial

1. Description of the project

Country: Malaysia
Localisation: Kota Tinggi
Customer: PUB- DEGREMONT
Project: Drinkable water treatment plant to supply Singapore (phase 4&5)
Capacity: 2 000 000m3/j

2. Requirement of the customer

System full redundant (server, network,PLC)
Reliability of the system
Alpha platform processor
Redundancy of Historical database

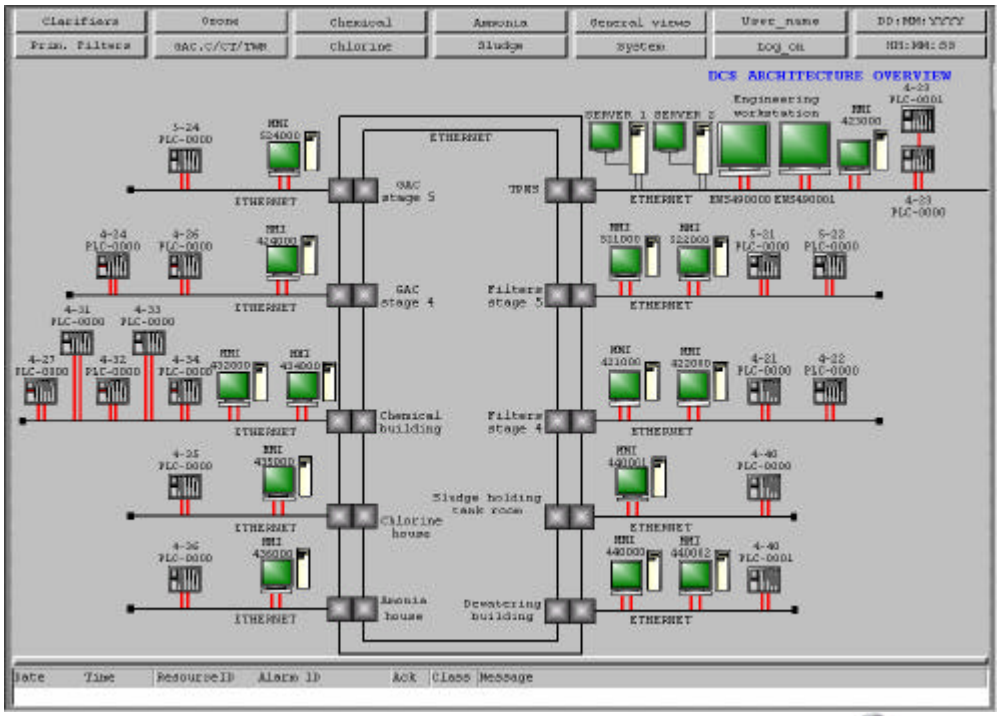
3. Why a GE solution

Local presence of GE service team in Singapore for daily contacts & maintenance capabilities
Capability to propose a very big and complex configuration
Cost & expertise

4. Key Technical Features

- 2 Cimplicity redundant ALPHA server / 17 operator stations
- Optical Fiber Network
- 18 PLC 9030 with redundant Ethernet network
- 36 PLC 9030 with SNP network
- Over 120m of electrical & PLC cubicle
- 8000 I/O
- Over 20 000 database points

5. General Architecture-Process



GE imagination at work

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