



IT4INDUSTRY

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A Recent Project for Reference

East London - Industrial Development Zone Security and Access Control Contract October 2006



It is relevant to briefly describe a Project that we are currently completing in East London. The Client is the EL IDZ (East London Industrial Development Zone).

The Project includes (in brief):

- Design and provision of full Security Control Room
- SCADA (Citect) with 2800 monitored points
- SCADA RTU's (38x) in SubStations, Fence Kiosks, Water services, Buildings, Fire detection
- CCTV System - Digital and PC based - 2x Servers, 4x Workstations (12x 19" LCD Monitors)
- CCTV 24x fixed cameras, driver, vehicle and number plate on 8 lanes
- CCTV 14x Domes (4x Domes on 13m poles)
- DVR with 4 Terabyte data storage, instant review, incident protection and recall
- Access Control (2000x Proxy cards, 16x Turnstiles, 14x Vehicle Booms)
- Access Control Visitors terminals, and Card Printers
- Electrified Fence (18km) monitored and controlled by SCADA
- Fibre optic comms backbone (80km of 24 Fibre Single Mode)
- Network switches (1GB backbone, 100Mbps data to RTU's)
- TCP/IP on the Fibre and Cat5e
- Voice over IP communications (150 points), switches, telephones
- UPS for Control Room (15 kVA, 30 minute)
- Power cabling, trenching and support services

Project Value is R18 million. Executed in 8 months.

Main Contractor: **PERFORMANCE ELECTRICAL**

Sub-contracting team:



MH Communications



There are some photo's on the next page...

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