

Case Study

Client: **Nigerian AGIP Oil Company, Nigeria**

Project: **Oil infrastructure - Security Implementation**

Timescale: **October 08 – March 09**

Consultant: **Marc Lucking, Chris Chambers**

Client Contact: **Darren Murray,
Team Leader AGIP Security Advisors**



Project: The Niger Delta produces the largest yield of oil in the whole of Africa and Nigeria is now the eight largest exporter of oil.

Unfortunately the wealth from the oil has failed to filter down to the indigenous people of the Delta and this has resulted in the formation of militia groups dedicated to armed struggle against what they regard as the exploitation and oppression of the people of the Niger Delta and the degradation of the natural environment.

The Nigeria AGIP Oil Company embarked on a massive investment programme to employ physical and electronic security to protect their infrastructure and employees across the Delta region.

CornerStone was selected to work along side ex-military advisors working for the client because of their previous experience in protecting critical infrastructure and implementing state of the art technical systems.

The following are excerpts from CornerStone reports submitted during the project. Specific location details have been removed for security purposes.

Site A Security Systems Report – November 2008

'The CCTV cameras are only partially working due to a lightening strike and damaged cables. Various cameras are incorrectly focused and the night time images are poor (refer to schedule 1002 for full details). Due to the extremely poor installation of the security infrastructure the system may never fully operate properly and will be plagued by reliability issues.'

'In our opinion the system has been installed poorly and will continue to be unreliable, the current designs are flawed and AGIP will waste a lot of money trying to repair it year after year. The contractor may never fully complete the system and will charge more and more money trying. The main recommendation would be to start again and design an integrated security system from new. A security management system would bring all systems together into one integrated solution and this can be mimicked on all other sites.'

'It is extremely important that we agree an overall security strategy for the sites with the Security Department. Integration, standards, standardization, infrastructure and operation are critical to enable us to provide the correct solutions.'

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Reference contact

Name: Mr Darren Murray
Position: CR Team Leader Security Advisors
Client: Nigerian AGIP Oil Company Limited
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Tel: On application



Project Locations

Sites throughout the Niger Delta
Nigeria

Project Scope

Gap Analysis
Review Security System Specification
Review of Security Integration
Detail Site Surveys and Reports
System Design
Project Management
Technical Security Advice

Tasks

- Carryout a review of the client's current site threat and risk assessments
- Review and revise the client's current security specifications, policies and standards
- Carryout a gap analysis of current security projects and develop an action plan
- Survey all sites and develop a security design incorporating the following:
 - High security perimeter walls and fencing with detection systems
 - Guard Towers with search lights
 - Gate houses incorporating vehicle chicanes, search areas, anti-ram systems, visitor screening and guard posts.
 - Floating Barriers for jetties
 - IP based CCTV system remotely monitored from head office
 - Enterprise Access Control System
 - Guard Patrol systems
 - Intruder and Technical alarms
 - Turnstiles and Bollard systems
- Review and advise on the tendering process
- Supervise contractor and advise the client through out the project delivery phase
- Specify and Manage the compilation of 'as installed' drawings and comprehensive O&M documentation
- Undertake final witness testing and sign-off completion certification on all projects

About CornerStone

CornerStone is an independent, international consultancy firm. We help organisations protect their people, assets, intellectual property and profits by identifying the threats and minimising the risks that face today's global businesses. We work with clients in various parts of the supply chain to provide objective,

unbiased advice - we act as a trusted advisor to our clients. What makes us different is the Quality of our people, our problem solving approach and our innovative solutions. In 2008 CornerStone were runners-up in the Security Consultant of the Year category of the UK's prestigious Security Excellence Awards.

