

Enabling Digital Transformation





Case Studies



Government



Egypt, North Africa & Levant



Integrated Security Systems for the ACA Buildings

Project

Integrated Security Systems for the New Administrative Control Authority

Client

The Administrative Control Authority

Project Location

New Administrative Capital, Egypt

Project Description

Giza Systems was awarded the project to provide integrated security systems for all 7 buildings of the Administrative Control Authority located in the New Administrative Capital.

Benefits to Client

- Optimization of facility security and safety
- Higher responsiveness and effective incident management
- Allow for timely detection of accidents
- Enable remote monitoring of facility assets

Scope

- Disabled Persons Emergency Alarm System
- Audio Intercom System (IC)
- Offline Keycard System
- Access Control System
- Real Time Locating System
- IPCCTV System
- Intrusion Detection System (IDS)



KSA

Royal Commission for Jubail and Yanbu

Project

Data generation for Jubail and Yanbu Royal Commission

Client

Royal Commission in Jubail and Yanbu

Project Location

Kingdom of Saudi Arabia

Project Description

Making use of field data to generate information that supports business decision.

Benefits to Client

- Automatic data feeding to SAP
- Improve asset management and reliability
- Improve availability and quality
- Optimize the O&M workforce
- Enhance reporting and analysis of field event

Scope

Full integration of field layer (OT) with business layer (IT) using SAP.



Marafiq SCADA System

Project

Marafiq Central
SCADA System

Client

Marafiq Company

Project Location

Jubail and Yanbu,
KSA

Project Description

Giza Arabia was awarded the Central SCADA System multiple site project for Marafiq, the power and water utility company of Jubail and Yanbu.

Benefits to Client

- Facilitate daily, weekly, and monthly operations and maintenance tasks through the centralization of data
- Enables operators to monitor and improve site performance
- Ensure maximum system security levels and protect the flow of data
- Allow establishment and re-use of complete representation of assets and information
- Minimize engineering efforts

Scope

- Supply, installation and engineering of central SCADA Expert ClearSCADA. The system ensures the connection of 10 major sites through 282 Remote Terminal Units.
- Installation of 99 data loggers
- Collection of all data from the local SCADA sites and different remote sites (with RTUs and DLs) into one centralized SCADA system
- Integration with existing SAP ERP used by Marafiq to enable the generation of pre-defined reports
- Set-up of a new data center room to accommodate the new system servers and workstations
- Installation of supporting systems such as fire alarm, fire suppression, and water leakage systems
- Installation of the latest hardware data diodes and firewalls



Thank You!

Giza Systems, a leading digital transformation enabler and systems integrator in the MEA region, designs and deploys industry-specific technology solutions for asset-intensive industries such as the Telecoms, Utilities, Oil & Gas, Smart Mobility and other market sectors. Giza Systems helps its clients streamline their operations and businesses through their portfolio of solutions, managed services, and consultancy practice. Giza Systems' team of 2400+ professionals are spread throughout the region with anchor offices in Cairo, Riyadh, Dubai, Doha, Nairobi, Dar es Salaam, Kampala and New Jersey, allowing the Company to service an ever-increasing client base in over 40 countries. For more information, please visit <http://www.gizasystems.com>.