





# Case Studies



# Urban Communities



# Egypt, North Africa & Levant



# Intelligent Traffic System for the New Administrative Capital of Egypt



## Project

Intelligent Traffic System (ITS) for the New Administrative Capital of Egypt

## Client

Administrative Capital for Urban Development (ACUD)

## Partner(s)

Military Production

## Project Location

for the New Administrative Capital of Egypt

## Project Description

Giza Systems was selected for the tender offered by the ACUD to implement ITS for the New Capital, which is being implemented for the first time in Egypt.

## Benefits to Client

- Reducing response time to traffic incidents
- Shifting the traffic experience from time-static to dynamic
- Reducing congestion and optimizing traffic
- Ensuring enforcement of law
- Generating analytical and statistical reports allowing operators to make informed decision

## Scope

Giza Systems was awarded the project to implement an ITS and mobility solution that avails a number of services: traffic optimization, law enforcement, bike/pedestrian/public transportation integration, and mobility as a service.

# Al Azhar Mosque Restoration

## Project

Al Azhar Mosque  
Restoration – Security  
Systems

## Client

Al Marasem Egypt

## Project Location

Cairo

## Project Description

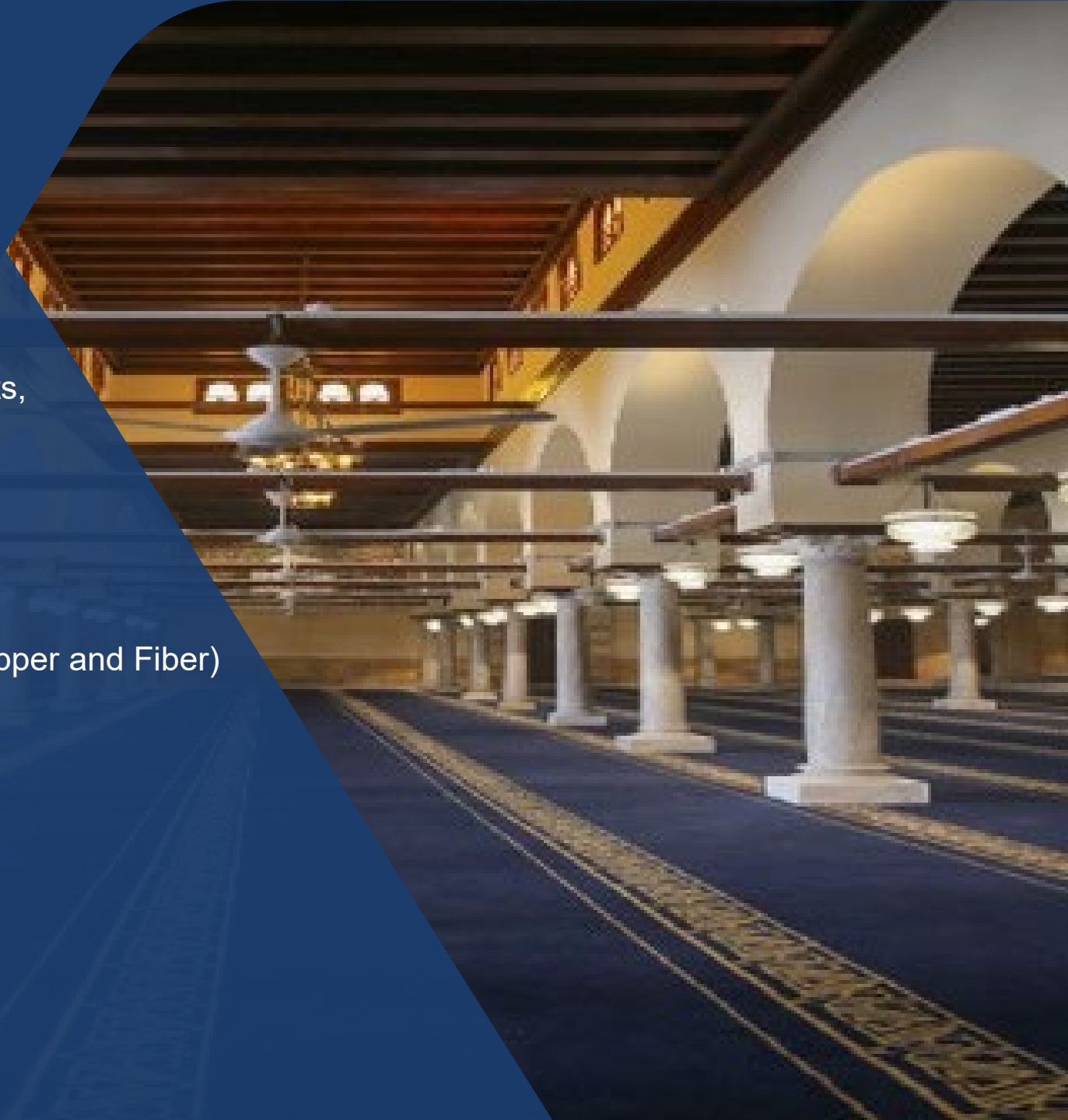
Giza Systems was awarded the project of supply, installation, commissioning and startup of integrated life safety and security systems.

## Benefits to Client

- Video analytics detecting smoke, fire and left objects
- Safeguarding people, assets, and data
- Savings in time and money

## Scope

- CCTV and VMS
- Video Analytics
- Network Infrastructure (Copper and Fiber)



# Al Azhar Library

## Project

Al Azhar Library Integrated Security System

## Client

SIAC

## Project Location

Cairo

## Project Description

Giza Systems was awarded the project of supply, installation, commissioning and startup of integrated life safety and security systems.

## Benefits to Client

- Optimized security
- Safeguarding people, assets, and data
- Savings in time and money

## Scope

- CCTV and VMS
- Access control
- Audiovisual Systems
- Fire Alarm
- Public Address



# Al Azhar Faculties of Dentistry and Pharmacy

## Project

Al Azhar Faculties of Dentistry and Pharmacy's Integrated Security System

## Client

El Marasem Egypt

## Project Location

Cairo

## Project Description

Giza Systems was awarded the project of supply, installation, commissioning and startup of integrated life safety and security systems.

## Benefits to Client

- Optimized security
- Safeguarding people, assets, and data
- Savings in time and money

## Scope

- CCTV and VMS
- Audiovisual Systems
- Fire Alarm
- Public Address





# North Edge Towers in New Alamein City

## Project

North Edge Towers in New Alamein City Project

## Client

Ministry of Housing, Utilities & Urban Development - Al Alamein New City Municipality

## Contractor

SIAC

## Project Location

Al Alamein, Egypt

## Project Description

Giza Systems was selected by SIAC to implement fully integrated security and safety solutions in the North Edge Alamein Towers.

## Benefits to Client

- Streamlining internal systems
- Improving reliability and uptime
- Increasing energy efficiency
- Optimizing maintenance and cost savings
- Creating a safer living environment at the North Edge Towers

## Scope

Giza Systems was awarded the project to provide a number of solutions including:

- Access Control System
- Fire Alarm System
- Video Surveillance System (CCTV)
- Cybersecurity
- Building Management System
- Asset Management
- LAN Switching System
- Public Address System
- Intercom System
- Structured Cabling System
- Disabled Alarm System



# Old Heritage City in New Alamein

## Project

Integrated Security Systems for the Old Heritage City in New Alamein (Orascom Scope)

## Client

Ministry of Housing, Utilities & Urban Development - Al Alamein New City Municipality

## Contractor

Orascom Construction

## Project Location

Al Alamein, Egypt

## Project Description

Giza Systems was awarded the project in Al Alamein's Old Heritage City to integrate several security systems within Orascom Construction's scope of work.

## Benefits to Client

- Allowing full monitoring and control of the smart city systems operations
- Driving efficiencies and improving reliability
- Enhancing the safety and security of the communities
- Increasing energy efficiency
- Optimizing maintenance and cost savings

## Scope

### Services

Giza Systems was awarded the project to provide services of supply, installation, testing and commissioning of a number of fully integrated solutions.

### Solutions

- Access Control System
- Building Management System
- Asset Management System
- Fire Alarm System
- Water Leakage System
- Cybersecurity
- Video Surveillance System (CCTV)
- LAN Switching System



# Old Heritage City in New Alamein... Cont'd

## Project

Integrated Security Systems for the Old Heritage City in New Alamein (Orascom Scope)

## Client

Ministry of Housing, Utilities & Urban Development - Al Alamein New City Municipality

## Contractor

Orascom Construction

## Project Location

Al Alamein, Egypt

## Project Description

Giza Systems was awarded the project in Al Alamein's Old Heritage City to integrate several security systems within Orascom Construction's scope of work.

## Scope Cont'd

- Structured Cabling System
- Public Address System
- Disabled Alarm System
- Intercom System
- Security Access System
- Master Clock System
- Parking System
- Queuing System
- IPTV System
- Audio Visual System
- KNX System



# Egypt International City for Olympic Games Operation Center Project

## Project

Egypt International City for Olympic Games Operation Center Project

## Client

The Information Systems Institute for the Armed Forces (ISI)

## Project Location

New Capital, Egypt

## Project Description

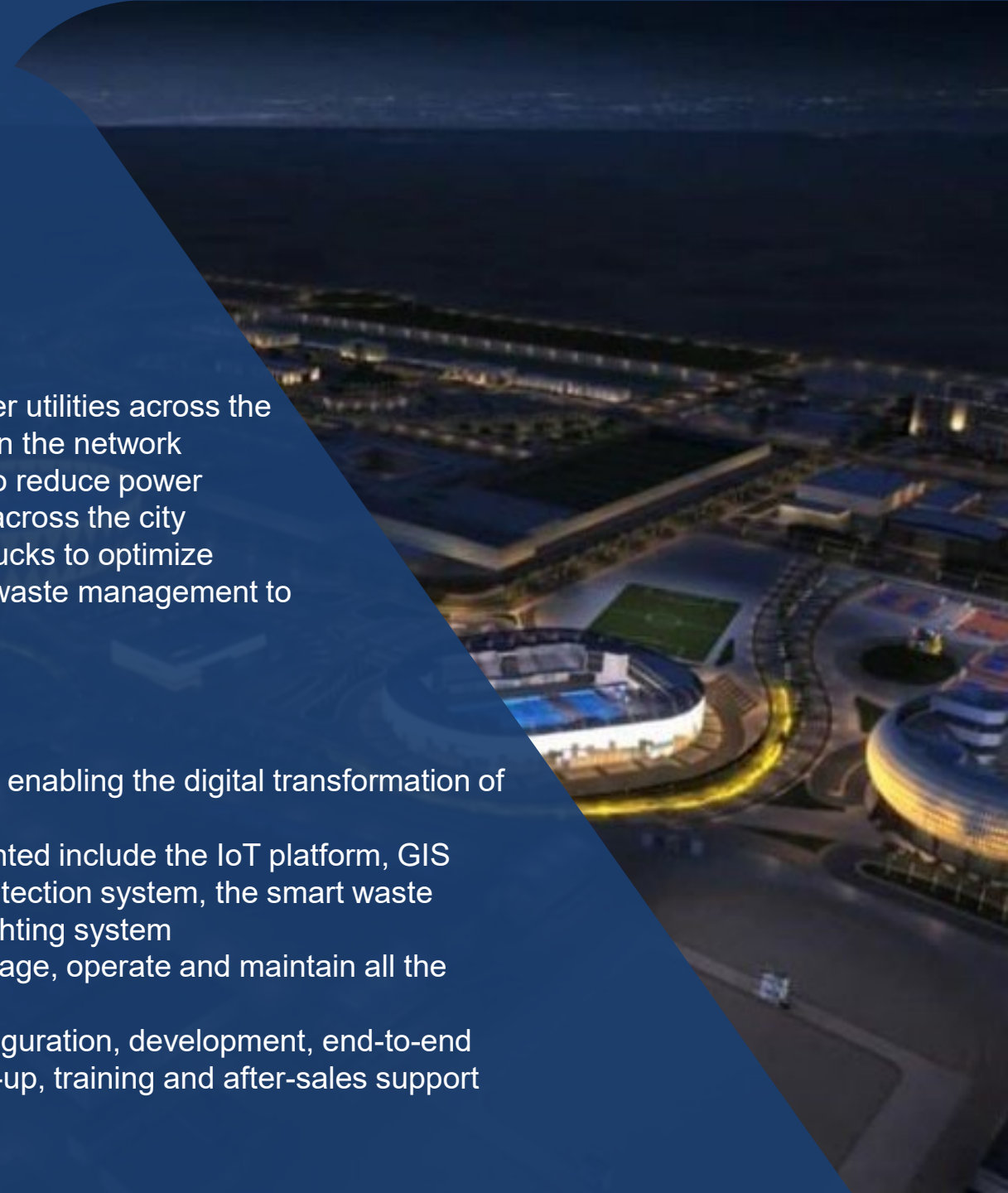
Giza Systems was awarded the Operation Center project for Egypt International City for Olympic Games in the New Administrative Capital

## Benefits to Client

- Monitoring and control of power and water utilities across the city, and detection of any water leakage in the network
- Monitoring and control of street lighting to reduce power consumption and improve maintenance across the city
- Efficient monitoring of waste collection trucks to optimize collection routes and planning for smart waste management to reduce costs and carbon footprint

## Scope

- Complete end-to-end Smart City solution enabling the digital transformation of the Olympic City Operation Center
- The smart solutions that will be implemented include the IoT platform, GIS platform, the SCADA system, the leak detection system, the smart waste management system and smart street lighting system
- Delivering an IoT central platform to manage, operate and maintain all the smart solutions inside the Olympic City
- Scope includes: supply, installation, configuration, development, end-to-end integration, testing, commissioning, start-up, training and after-sales support



# Giza Systems Headquarters

## Project

Integrated Multi-tier Network Infrastructure and Security Solutions, as well as BMS

## Client

Giza Systems

## Project Location

Cairo, Egypt

## Project Description

Giza Systems implemented integrated multi-tier network infrastructure and security solutions, as well as BMS.

## Benefits to Client

- Protect life and assets
- Limit asset damage and injury
- Facilitate quick response and effective incident management

## Scope

- Schneider TAC BMS
- Schneider access control
- Schneider / Pelco CCTV
- Avaya IP Telephony
- Over 120G throughput capacity
- Accurate bandwidth sizing
- Core and access switches
- Wireless access



# Al Masa Capital Hotel and Complex

## Project

Al Masa Fire Alarm and Detection Systems

## Client

Al Masa Capital Multi-use Complex

## Project Location

New Capital, Egypt

## Project Description

Giza Systems was awarded the project to implement the Fire Alarm and Detection Systems in all in Al Masa Capital Multi-use Complex buildings.

## Benefits to Client

- Facility security and safety optimization
- Higher responsiveness and disaster management mechanisms
- Efficiency in resource and asset management

## Scope

The scope of services includes the supply, testing, commissioning and startup of the fire alarm and detection systems, and voice evacuation systems.

The scope also included the integration of state-of-the-art technologies in all of the buildings within into a central control room for efficient monitoring and management.



# Al Choueifat Hotel

## Project

Life Safety and Security Systems

## Client

Amlaak For General Contracting

## Project Location

Egypt

## Project Description

Giza Systems was selected for the implementation of Life Safety and Security Systems for Al Choueifat Hotel.

## Benefits to Client

- Ensure full automation and control
- Utilize simplified interfaces with user experience optimization
- Reduce cost
- Safeguard and secure the occupants and assets

## Scope

The implementation of the project included the installation and commissioning of the following:

- Guest Room Management System (GRMS)
- Fire alarm system
- Smart lighting control system
- Access offline (hotel locks)

# Al Manara Convention & Exhibition Center

## Project

Fire Systems for  
Al Manara  
New International  
Convention and Exhibition  
Center

## Client

New International  
Convention and Exhibition  
Center

## Project Location

New Cairo, Egypt

## Project Description

Giza Systems was awarded the project to implement fire detection and alarm systems at the facility.

## Benefits to Client

- Ensure the safety of people and assets
- Allow for timely detection of accidents
- Manage hazards efficiently

## Scope

Supply, installation, commissioning and startup of fire detection and alarm systems on a total area of 40,000 square meters.





# Porto Cairo

## Project

Fire Alarm and Detection Systems

## Client

Amer Group

## Project Location

Egypt

## Project Description

Giza Systems was awarded the project to implement the Fire Alarm and Detection in Porto Cairo District.

## Benefits to Client

- Better operational metrics
- Facility security and safety optimization
- Reduction of costs
- Higher responsiveness and disaster management mechanisms
- Efficiency in resource and asset management

## Scope

The scope comprised the supply, testing, commissioning and startup of the fire fighting, alarm, and detection systems, and the integration of state-of-the-art technologies in all buildings within the district.



# San Stefano Grand Plaza

## Project

Integrated Life Safety and Security Solutions

## Project Location

Alexandria, Egypt

## Project Description

Giza Systems was awarded the project to implement integrated life safety and security systems, converged data network, interactive hotel TV systems.

## Benefits to Client

- Maximize performance, efficiency and cost effectiveness
- Increase in the level of reliability and comfort
- Save time and money

## Scope

The scope included the implementation of the following:

- Fire Alarm System
- Voice Evacuation System
- Camera surveillance system
- Access Control & Integrated Security
- IP Intercom system
- Security Screening Equipment
- Gate inspection system
- CCTV



# St. Regis Nile Corniche

## Project

Integrated Smart Building Solutions

## Client

Qatari Diar

## Project Location

Cairo, Egypt

## Project

### Description

Giza Systems was awarded the project to implement various Smart Building solutions in the 38 floors of the two towers and podium.

## Benefits to Client

- Maximize performance, efficiency and cost effectiveness
- Remote monitoring of equipment
- Reduction in operation and maintenance costs

## Scope

- Building Management System (BMS)
- Ethernet data network (active, passive and NMS)
- Fire detection and voice evacuation system
- Fire fighting and suppression systems (FM200, foam and sprinklers)
- Audio visual systems
- Public address and background music systems
- IPTV and MATV Systems
- **Security Systems:**
  - ✓ Access control (online)
  - ✓ Access control (Hotel locking system)
  - ✓ IP CCTV system
  - ✓ Intruder detection system
  - ✓ IP Intercom system
  - ✓ Guard tour system
  - ✓ Parking management system (rising bollards and gate arm barriers)



# East Port Said Development

## Project

Electromechanical Works

## Client

East Port Said Development

## Project Location

Egypt

## Project Description

Giza Systems was contracted to handle the electromechanical works for the East Port Said Development Project.

## Benefits to Client

- Solving a number of industrial issues
- Guaranteeing smooth continuity of plant operations

## Scope

Supply and complete set up of electromechanical works needed in the East Port Said Development Project. The scope encompassed the supply of:

## HVAC Works

- Chillers
- Piping
- Outlets
- Air inlets
- Ducts

## Plumbing Works

- Swimming pool equipment and RO plant
- Sprinklers
- FM-200 system



East Port Said Development

EAST PORT SAID  
INDUSTRIAL ZONE

شرق بورسعيد للتطوير

# East Port Said Development...Cont'd

## Project

Electromechanical  
Works

## Client

East Port Said  
Development

## Project Location

Egypt

## Project Description

Giza Systems was contracted to handle the electromechanical works for the East Port Said Development Project.

## Scope Cont'd

### Firefighting Works

- Sprinklers
- FM-200 system

### Electrical Works

- Light current systems BMS

شرق بورسعيد للتنمية

EAST PORT SAID  
INDUSTRIAL ZONE

East Port Said Development

KSA

# MODON Industrial Smart City Platform

## Project

MODON Industrial Smart City Platform

## Client

Saudi Authority for Industrial Cities and Technology Zones – MODON

## Project Location

Dammam, KSA

## Project Description

Giza Arabia was awarded the project to implement industrial smart city platform and solutions for El Damam 2, by MODON.

## Benefits to Clients

- Efficient city operations, monitoring and control
- Energy savings
- Reduced operational costs and manpower required
- Enhancing performances and operational excellence
- Better communication between MODON and factory owners and residents
- Enabling the digital transformation of industrial cities, and aligning with the Kingdom's Vision 2030

## Scope

The project scope of work covers the implementation of the smart city platform for 30+ Industrial Cities across the Kingdom covering 12 verticals:

- Smart Start Lighting System & Smart Poles
- Smart Energy Optimization System
- Smart Asset management System
- Smart Irrigation System

# MODON Industrial Smart City Platform... Cont'd

## Project

MODON Industrial Smart City Platform

## Client

Saudi Authority for Industrial Cities and Technology Zones – MODON

## Project Location

Dammam, KSA

## Project Description

Giza Arabia was awarded the project to implement industrial smart city platform and solutions for EI Damam 2, by MODON.

## Scope... Cont'd

- Smart water metering System
- Smart Air Quality Monitoring System
- Smart Water Quality System
- Smart Fire Alarm System & Intrusion Detection System
- Intelligent Traffic System
- Smart CCTV Integration

Including all business rules, dashboard and analytics  
LPWAN technology to be deployed utilizing NB-IoT connectivity



# Jeddah Municipality Smart City Platform

## Project

Control Center Upgrade and Integration with Existing Utilities Project

## Client

Jeddah Municipality

## Project Location

Jeddah, KSA

## Project Description

Giza Arabia was awarded the project to implement complete end-to-end Smart City solution enabling monitoring and efficient control.

## Benefits to Client

- Efficient city operations, monitoring and control
- Optimized level of safety, security and comfort
- Reduced operational costs and manpower required
- Higher responsiveness and effective incident management
- Optimized resource management

## Verticals and Solutions

- Water Management Solutions
  - Smart Tunnel Flood System
  - Smart Disaster Management and Responses System
  - Smart Pump Station Monitoring System
  - Smart Irrigation System
- Energy Management Solutions
  - Smart Street Lighting System
- Physical Security Solutions
  - Smart Video Surveillance
  - Smart Intrusion System
  - Smart Rammmed System Integration



# Jeddah Municipality Smart City Platform... Cont'd

## Project

Control Center Upgrade and Integration with Existing Utilities Project

## Client

Jeddah Municipality

## Project Location

Jeddah, KSA

## Project Description

Giza Arabia was awarded the project to implement complete end-to-end Smart City solution enabling monitoring and efficient control.

## Scope... Cont'd

- Infrastructure Management Solutions
  - Smart Gardens System Integration
  - Rassef System integration
  - Madinaty System Integration
  - 940 Call Center System
  - Smart Waste Management System
  - Smart Bins
  - Smart Poles
  - Smart Signage System



# Mardumah Bay

## Project

Mardumah Bay SCADA Systems

## Client

Al-Harbi Trading & Contracting Co.

## Project Location

KSA

## Project Description

Giza Systems was awarded the installation of SCADA systems to provide remote access to the remotely located lifting stations in Mardumah Bay Water Project.

## Benefits to Client

- Facilitate daily, weekly, and monthly operations and maintenance tasks through the centralization of data
- Ensure maximum system security levels and protection of the flow of data
- Allow establishment and re-use of complete representation of assets and information
- Minimize engineering efforts

## Scope

Design, installation, testing and commissioning of SCADA systems and all the necessary components.



# Centro Rotana Hotel

## Project

BMS and  
Electromechanical  
Works for Centro Hotel

## Client

Rotana

## Project Location

Riyadh, KSA

## Project Description

Giza Systems was awarded the project to provide MEP works for a major hotel in KSA, as well as install the latest cutting-edge Building Management Systems (BMS) in the hotel and its 154 rooms.

## Benefits to Client

- Enhancement in reliability and comfort, enabling our client to increase the hotel rating from a 3-star to a 4-star hotel
- The client saved time and money with Giza Systems Electro-mechanical's capacity to fulfill contractual obligations for both MEP and civil works

## Scope

- HVAC works (chillers, ducts, piping, inlets and outlets, etc.)
- Building Management System (BMS)
- Plumbing works
- Swimming pool equipment
- Firefighting works (sprinklers and FM-200 system)
- Electrical works
- Light Current Systems
- Ethernet data network (Active, Passive and NMS)
- Voice system (communication, messaging, and recording)
- Audio visual systems
- Public address
- MATV systems



# Jabal Omar

## Project

Implementation of Fire Alarm and Voice Evacuation Systems

## Client

Drake & Scull International PJSC

## Project Location

Mecca, KSA

## Project Description

Giza Systems was contracted for the execution of Jabal Omar Development project, phase 3, as part of the expansion plan of the Haram of Mecca.

## Benefits to Client

- Optimize safety measures at the Haram of Mecca
- Reduce costs
- Provide higher responsiveness and disaster management mechanisms

## Scope

Design, engineering, supply, installations, programming and service for fire alarm and voice evacuation systems, including the following:

- 25 panels with over 20,000 points and 10,000 speakers
- Adhering to NFPA fire and building safety standards and regulations
- Ensuring that compatibility and flexibility are incorporated in the integration process



# Riyadh New City Rehabilitation Works for Royal Hotel

## Project

Rehabilitation works for Royal Hotel

## Client

Rowad Al-Deyafa

## Project Location

Riyadh, KSA

## Project Description

Giza Systems Electromechanical Company was awarded the project to perform total modernization and renovation works for two floors at the Royal Hotel and its ballroom.

## Benefits to Client

- Enhancing reliability and comfort, enabling our client to increase hotel rating from a 3-star to a 4-star rating
- Saving time and money, as a result of Giza Systems Electromechanical's capacity to fulfill contractual obligations for both MEP and civil works

## Scope

- Civil works (demolition removal, masonry and finishing work)
- HVAC works (DX units, inlet and outlet, fans, piping and pumps)
- Plumbing works
- Swimming pool equipment
- Light current systems
- Firefighting works
- Electrical works



# Riyadh New City SCADA Systems

**Project**  
SCADA Systems

**Client**  
Al Rashid Trading and  
Contracting Co. LTD

**Project Location**  
KSA

**Project Description**  
Giza Systems was  
awarded the installation  
of feeders in Riyadh's  
New City.

## **Benefits to Client**

- Facilitate daily, weekly, and monthly operation and maintenance tasks through the centralization of data
- 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**

Design, installation, testing and commissioning of feeders and necessary components.



# Sanad Hospital

## Project

Building Management Solutions including IP-enabled Video Surveillance System

## Client

Sanad Hospital

## Project Location

Riyadh, KSA

## Project Description

Giza Arabia was awarded its first implementation in the healthcare sector for the installation of the IP Video Surveillance System.

## Benefits to Client

- Provide complete video surveillance
- Monitor all movements and actions inside the hospital
- Enhance facility security
- Ensure the best quality of service provided through audio/video monitoring

## Scope

Supply and installation of advanced video management and storage solutions. The implementation encompassed the following:

- Cameras
- Video management software
- Storage system
- Servers and data switches







# West, East & Central Africa

# Konza Technology City

## Project

Lighting Controls System

## Client

Konza Technopolis  
Development Authority

## Project Location

Kenya

## Project Description

Giza Systems Kenya was awarded the project to implement Lighting Controls System for Konza Technology City, the future smart city of Kenya, built on a total surface area of 1.5 million square meters.

## Benefits to Client

- Cost efficiency
- Carbon emissions reduction

## Scope

Implementation of the lighting control system while providing the means for management, monitoring and control of the system through a single platform and a user-friendly interface. The scope included the supply of technologies for reducing energy consumption, such as:

- Dimming
- Timing control
- Sensors



# BMS & GRMS at Glee Hotel

## Project

BMS & GRMS at Glee Hotel

## Client

Glee Hotel c/o Procost Ltd.

## Project Location

Kenya

## Project Description

Giza Systems Kenya was awarded the project to install and integrate Building Management System (BMS) and Guest Room Management System (GRMS) for Glee Hotel.

## Benefits to Client

- Ensure full automation and control
- Centralized control platform for all building systems
- Maximize performance, efficiency and cost effectiveness
- Energy saving

## Scope

Integration of Building Management System (BMS), Guest Room Management System (GRMS) of Konnex (KNX) protocol

- Camera surveillance system
- Access control system
- Ethernet data network
- Interactive television



# Carrefour, The Hub Karen Mall

## Project

Integrated Smart Building Solutions

## Client

Majid Al Futtaim

## Project Location

Nairobi, Kenya

## Project Description

Giza Systems was awarded the project for the installation of an Integrated Building Management System and fire and safety systems at the new Carrefour project in The Hub Karen Mall.

## Benefits to Client

- Maximize benefit from data that is gathered and shared through different systems
- Efficient use of resources
- Safeguard and secure individuals and assets

## Scope

The scope entailed the supply, design, engineering, installation, training, testing, commissioning, and startup of integrated security, life and property safety systems.



# English Point Marina

## Project

Integrated Smart Building Solutions

## Client

Hotel English Point & Spa

## Project Location

Mombasa, Kenya

## Project Description

Giza Systems was awarded the project to implement integrated life safety, security, converged data network, interactive hotel TV systems.

## Benefits to Client

- Protection of life and assets
- Limitation of asset damage and injury
- Facilitation of quick response and effective incident management

## Scope

- Fire alarm system
- Camera surveillance system
- Access control system
- Ethernet data network
- Interactive television
- IP telephony system
- Data network security
- Gate inspection system



# Hilton Abuja

## Project

Integrated Smart Building Solutions

## Client

Hilton Hotels

## Project Location

Abuja, Nigeria

## Project Description

Giza Systems was awarded the project to implement life safety, security, data network, and interactive hotel TV systems.

## Benefits to Client

- Enhance reliability and comfort
- Save time and money

## Scope

- Fire alarm system
- Camera surveillance system
- Access control system
- Ethernet data network
- Interactive television



Transcorp Hilton

# Meliá Serengeti Lodge

## Project

Installation of Integrated BMS Solutions

## Client

Meliá Hotels International

## Project Location

Tanzania

## Project Description

Giza Systems was awarded the project for the installation of Fire Alarm System, gas detectors and fire suppression solutions for Melia Serengeti Lodge , a state-of-the-art sustainable hotel.

## Benefits to Client

- Ensure efficient utilization of resources
- Enhance safety and security of people and assets
- Detect, manage, and control hazards

## Scope

Supply, installation, configuration and commissioning of the requisite integrated security, safety, life and property systems to efficiently utilize the various resources to detect, manage and control the facility.



# Mzizima Tower Complex



## Project

Mzizima Towers Fire Alarm Systems

## Client

Derm Electrics

## Project Location

Dar es Salaam,  
Tanzania

## Project Description

Giza Systems was awarded the project for the implementation of Fire Alarm Systems in Mzizima Towers, comprised of a 33-storey high-rise residential tower and a 35-storey commercial tower.

## Benefits to Client

- Maximize safety and security of people and assets
- Optimize operations
- Reduce costs

## Scope

Supply, installation, configuration and commissioning of the system to safeguard life, property, and assets by reducing potential risks and taking significant precautionary measures.



# Sankara Hotel



## Project

Integrated Smart Building Solutions

## Client

Sankara

## Project Location

Nairobi, Kenya

## Project Description

Giza Systems was awarded the project to implement Life Safety and Security Systems, data network, and interactive hotel TV systems.

## Benefits to Client

- Enhancing reliability and comfort
- Saving time and money

## Scope

- Fire alarm system
- Camera surveillance system
- Access control system
- Ethernet data network
- Interactive television

# Tamarind Tree Hotel

## Project

Tamarind Tree Hotel  
Life Safety and Security  
Systems

## Client

Tamarind Tree Hotel

## Project Location

Nairobi, Kenya

## Project Description

Giza Systems Kenya was awarded the project to implement the Life Safety and Security Systems for Tamarind Tree Hotel located 5 kilometers to the southwest of Nairobi.

## Benefits to Client

- Ensure the well-being and safety of hotel guests and infrastructure
- Optimize the utilization of resources and efficiency in resource management
- Reduce costs

## Scope

The project scope included the sourcing, installation, testing and commissioning of state-of-the-art life safety and security systems in the 160-room hotel, including the ballroom and meeting facilities.



# The Hub Karen Mall

## Project

Smart Metering for the Hub Karen Mall in Kenya

## Project Location

Nairobi, Kenya

## Project Description

Giza Systems won the project to implement smart metering systems in the multi-use mall. The implementation of the system will manage energy utilization, energy data collection, and billing.

## Benefits to Client

- Enhancing billing accuracy up to 99%
- Minimize efforts of data collection
- Multi-tariff billing (day/night – generator/transformer)

## Scope

Implementation of smart metering systems in order to manage energy utilization, energy data collection, and billing.



# Vision Hotel

## Project

Vision Hotel Life Safety and Security Systems

## Client

Fair Construction Ltd.  
Rwanda

## Project Location

Kigali, Rwanda

## Project Description

Giza Systems Kenya was selected for the implementation of the kitchen hood fire suppression system at Vision Hotel.

## Benefits to Client

- Ensure full automation and control
- Utilize simplified interfaces with user experience optimization
- Reduce costs
- Safeguard and secure occupants and assets

## Scope

The implementation of the project included the installation and commissioning of the following:

- Fire alarm system
- Fire suppression system
- CCTV



# Zamani Resorts Fire Suppression System

## Project

Zamani Resorts Fire Suppression System Installation

## Client

Zamani Resorts Limited

## Project Location

Tanzania

## Project Description

Giza Systems was awarded the project to install fire suppression system for Zamani Resorts.

## Benefits to Client

- Safeguard and secure the occupants and assets
- Limit asset damage and injury
- Optimization of operations
- Reduction of costs

## Scope

Installation of fire suppression system for Zamani Resorts



# Fire Suppression Systems Project for Konza Data Centre and Smart Cities



## Project

Fire Suppression Systems Project for Konza Data Centre and Smart Cities

## Client

Vangton Enterprises Limited

## Project Location

Kenya

## Project Description

Supply, installation and maintenance of the suppression systems for Konza Data Center and Konza Technopolis facilities

## Benefits to Client

- Safeguard and secure the occupants and assets
- Limit asset damage and injury
- Optimization of operations
- Reduction of costs

## Scope

Supply, installation and maintenance of the suppression systems for for Konza Data Center and Konza Technopolis facilities - a smart city and a large technology hub planned by the government of Kenya a key flagship of Kenya's Vision 2030.



Gulf

# Al Khor Mall

## Project

Al Khor Mall BMS

## Project Location

Doha, Qatar

## Project Description

Giza Systems was awarded the project to implement various building management solutions.

## Benefits to Client

- Facilitate the operation and evaluation of the building
- Minimize energy usage and waste
- Significantly cut operating costs

## Scope

The scope included the total integration of:

- Building Management System (BMS)
- HVAC control system





# Old Salata Hotel

## Project

Integrated BMS, GRMS and Lighting Systems

## Client

Old Salata Hotel

## Project Location

Qatar

## Project Description

Giza Systems was awarded the project to integrated BMS, GRMS and lighting control systems.

## Benefits to Client

- Enhancing reliability and comfort
- Saving time and money

## Scope

Supply, installation, commissioning and integration of the following systems:

- HVAC control system
- Electrical works
- Wastewater management
- ELV interface
- Guest Room Management System (GRMS)
- Lighting control systems



# Premier Inn Hotel

## Project

Integrated Smart Building Solutions

## Client

Premier Inn Hotels

## Project Location

Qatar

## Project Description

Giza Systems was awarded the project of Integrated Smart Building Solutions for Premier Inn Hotel.

## Benefits to Client

- Increase in the level of reliability and comfort
- Saving time and money

## Scope

- Building Management System (BMS)
- Public address and background music
- AV systems
- Lighting control system
- Guest Room Management System (GRMS)





# 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>.