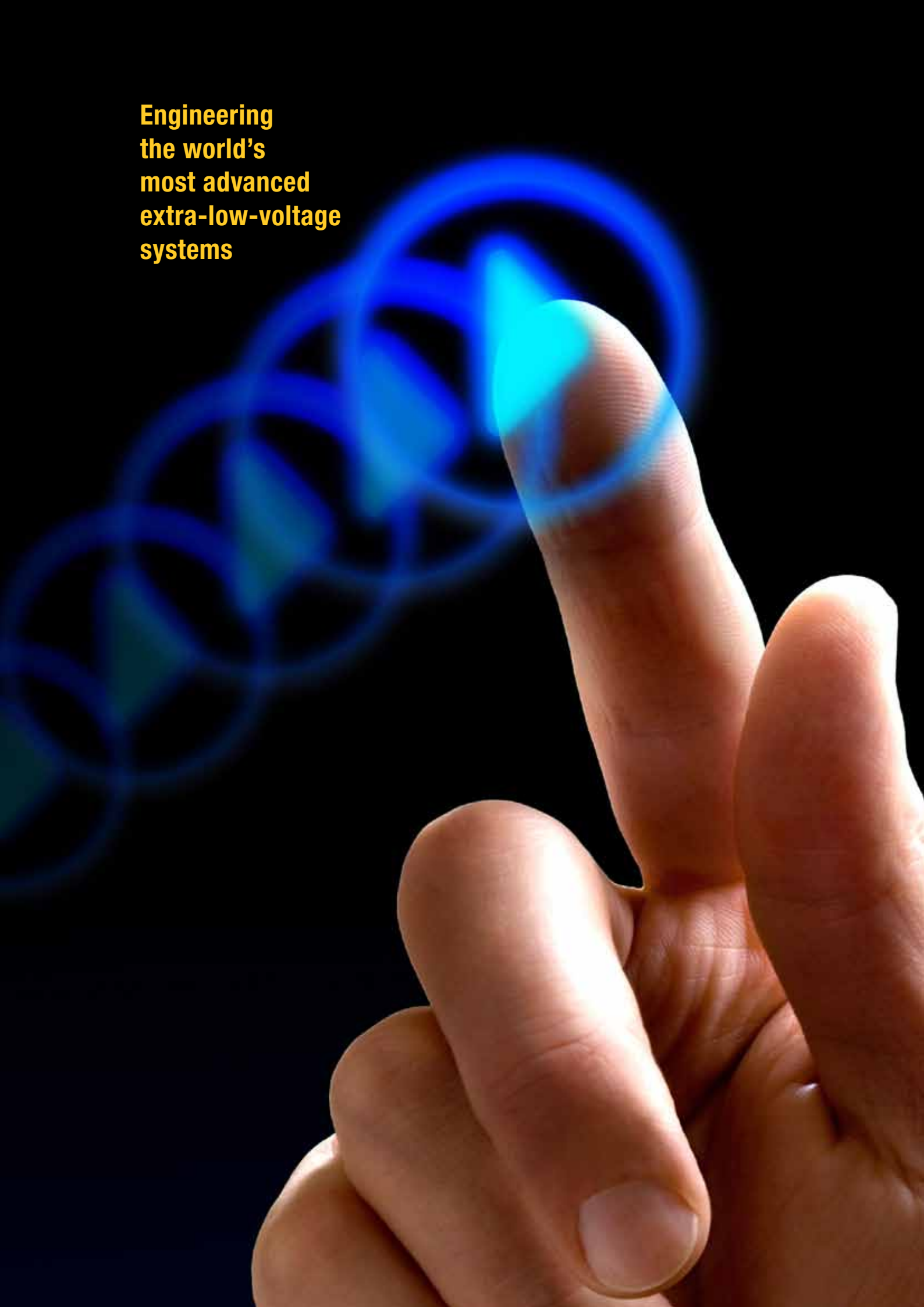


SAS SYSTEMS ENGINEERING
2014 Year in Review

**Engineering
the world's
most advanced
extra-low-voltage
systems**



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CHAIRMAN'S MESSAGE

Welcome to the SAS Systems Engineering 2014 Year in Review. As we remain as ever committed to offering outstanding products and services, in Saudi Arabia and internationally, I would like to thank our esteemed clients, strategic partners, and suppliers for making 2014 a year of successes we can all be proud of.

Alawi Baroum
Chairman



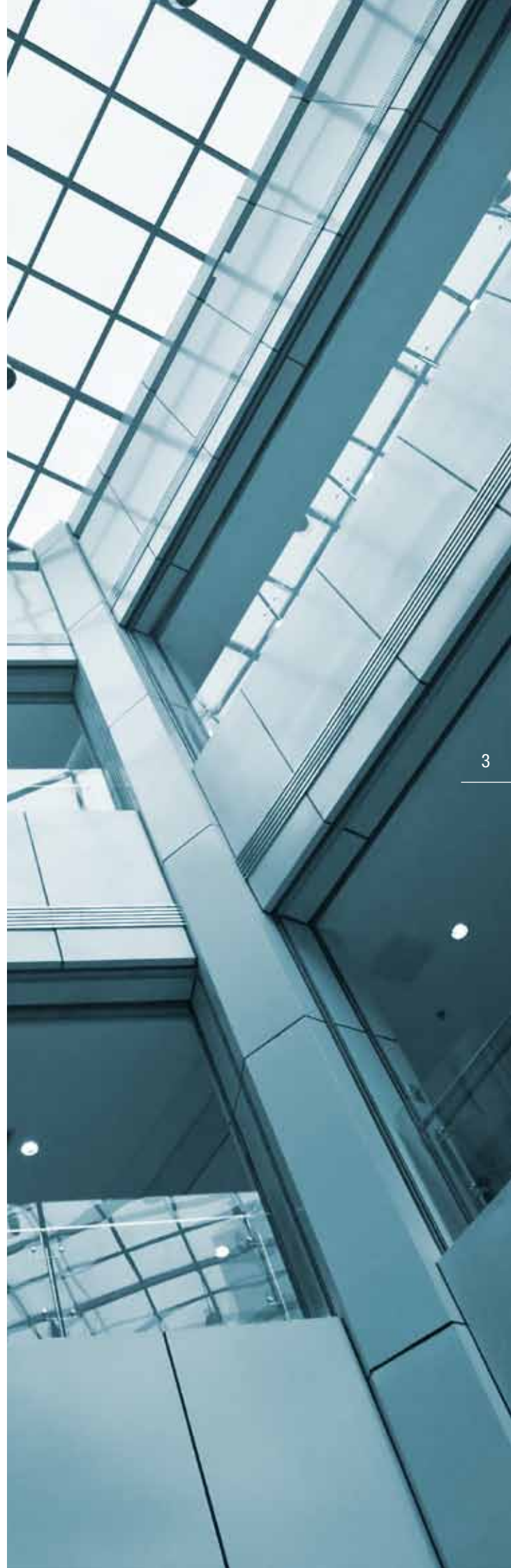


GENERAL MANAGER'S MESSAGE



A work ethic defined by a willingness to be of service beyond the call of duty. And a can-do spirit centered in utmost courtesy, loyalty, and respect. At SAS Systems Engineering, these are some of the core qualities that fuel our unremitting passion for excellence.

Hovig Kurkjian
General Manager





EDITOR'S NOTE

In 2011, when we launched the first Year in Review of SAS Systems Engineering, we were delighted to share the company's achievements with our clients, partners, and suppliers. The present volume, our fourth Year in Review, is a testament to the continued growth of SAS, in terms of not only impressive new projects across Saudi Arabia and internationally, but ongoing advances in know-how, technical skills and capabilities, and a portfolio of world-class products and systems.

Offering powerful new technologies while providing top-notch service have been a hallmark of SAS Systems Engineering since its establishment in 1986. It's a hallmark supported by a backdrop of unflagging professionalism and professional growth, given the advanced trainings and manufacturer-certification courses which our engineers and managers receive year after year, as well as the industry conferences and trade exhibitions in which they regularly participate.

The rewards of such work come in many forms, including the satisfaction of successfully completing a project and having earned the trust of a client, the thrill of beginning a new project after winning a contract, and the gratification of having our expertise recognized with prestigious awards granted by clients and suppliers. Our 2014 Year in Review is the latest showcase of these accomplishments.

In 2014, the growth of SAS also came in the form of our newest branch, in Doha, Qatar. Three years in the making, our Qatar center will offer most of the products and services in which we specialize, and is poised to build on our reputation for superlative quality.

Today, as we look ahead to ushering in the next level of our company's success, I would like to thank our extremely dedicated Chairman and General Manager; our staff of engineers, managers, and technicians; and our corps of administrators, sales representatives, maintenance and back-up specialists, and workers in the field. It is through their wonderful efforts that 2014 will shine as yet another great year for SAS.

Sona Hamalian



COMPANY PROFILE

Established in 1986, SAS Systems Engineering is a globally recognized technology company based in Saudi Arabia. We design, supply, and install fully integrated, extra-low-voltage systems, specializing in fire protection systems; security and communication systems; and automation and building management systems (BMS).

As we represent and work with premier manufacturers in Europe, the United States, and elsewhere, we feature products and systems that harness the world's most advanced technologies. Our work is performed by a large corps of highly experienced, manufacturer-certified, and courteous engineers, project managers, and sales professionals.

SAS is a regional pioneer in green technologies, particularly through its expertise in designing ultra efficient green buildings. We also invest heavily in research and development, designing sophisticated products and components which increase efficiency and help reduce operating costs. Headquartered in Jeddah, we work throughout Saudi Arabia and internationally, with branches in Madinah, Riyadh, Al Khobar, and Jubail, as well as a representative office in Doha, Qatar.

Our reputation rests on our abiding commitment to product quality, workmanship and innovation, project-site safety, timely delivery, and outstanding service, including warranty backup and after-sales maintenance. Year after year, our dedication to engineering excellence garners top awards as we complete projects to our clients' full satisfaction. Today our roster of prestigious projects include airports, power plants, refineries, shopping centers, corporate buildings, railway stations, hospitals, universities, military facilities, mosques, and private palaces, among others.



Our areas of expertise:

- Consultation
- Engineering and design
- Supply
- Installation
- Testing and commissioning
- After-sales service and maintenance
- Warranty backup

Our products and systems:

Fire protection systems

- Fire alarm, detection, and voice evacuation systems
- Intelligent Aspirating Smoke Detection systems
- Clean agent (FM-200 and Novec 1230) fire suppression systems
- High- and low-pressure CO2 fire suppression systems
- Foam systems
- Twin-agent systems
- Water spray systems
- Automatic sprinkler systems
- High- and low-pressure water mist systems
- Dry chemical fire suppression systems

Security systems

- Access control and ID management systems
- Intrusion Detection and Assessment Systems (IDAS)
- Computerized monitoring
- Integrated perimeter protection
- Closed Circuit Television (CCTV)
- Video analytics
- Physical Security Information Management (PSIM)
- Burglar-alarm systems
- Road barriers, blockers, tire killers, and sliding gates
- Walkthrough metal detectors
- Turnstiles
- Metal and explosive detection
- X-Ray scanners
- Under Vehicle Inspection Systems (UVIS)
- Automatic Number Plate Recognition Systems (ANPR)
- Parking management systems
- Visitor-management systems
- Radar and sonar systems





Communication systems

- Audiovisual (AV) systems
- Satellite MATV/CATV
- Multimedia presentation systems
- Video walls and rear projections
- Home theater systems
- Public address systems
- Conference systems
- Master clock systems
- Simultaneous interpretation systems
- Intercom systems

Automation and building management systems (BMS)

- HVAC
- Lighting
- Power management

All of our automation and building management systems can be fully integrated with the following:

- Security access control systems
- Fire alarm systems
- Lifts and elevators
- Power metering
- Energy-monitoring and control systems
- UPS
- Emergency central-battery systems
- Leak-detection systems
- Uninterruptible power supply systems

SAS Systems Engineering is an official representative of major manufacturers and suppliers based in the United States, Europe, and elsewhere.

INTRODUCING OUR NEWEST BRANCH: DOHA, QATAR

In 2013, SAS Systems Engineering began the process of expanding into Qatar, intent on becoming an important player in the Emirate's dynamic, fast-growing marketplace. Bringing its decades of experience and globally recognized expertise as a provider of extra-low-voltage systems, SAS was honored to establish a joint venture with Salam Technology in Doha, Qatar. The resulting partnership company has been named Wikaya.

Up and running as of 2014, Wikaya enjoys the full technical and logistical support of SAS Saudi Arabia, and is staffed with a great team of professionals. Wikaya specializes in the provision of consulting, design, supply, installation, testing, commissioning, and warranty backup services for the following: Integrated security systems; Integrated security management; Fire protection systems; Communication systems; Automation and Building Management Systems; and UPS.

As with our Saudi Arabian operations, Wikaya features the world's most advanced technologies, products, and systems, from top manufacturers in Europe, the United States, and elsewhere. In 2014, our Wikaya team participated in the Project Qatar exhibition, where it introduced our products and services to regional and international representatives of the civil, mechanical, and electrical engineering industries. Qatar's leading construction-technology trade fair, the exhibition was held at the Qatar National Convention Center, in Doha.



2014 PROJECTS SPOTLIGHT

Jeddah Central Substation

Throughout 2014, our Fire Protection Department worked on numerous projects, including power plants, aircraft hangars, universities, and industrial water treatment plants, among others.

Among our high-profile projects was the Jeddah Central Substation, a 380 kV substation that supplies electricity to much of Jeddah's central area. The scope of the initiative comprised the supply, installation, testing, and commissioning of integrated fire protection systems, as well as the installation of underground pipes.



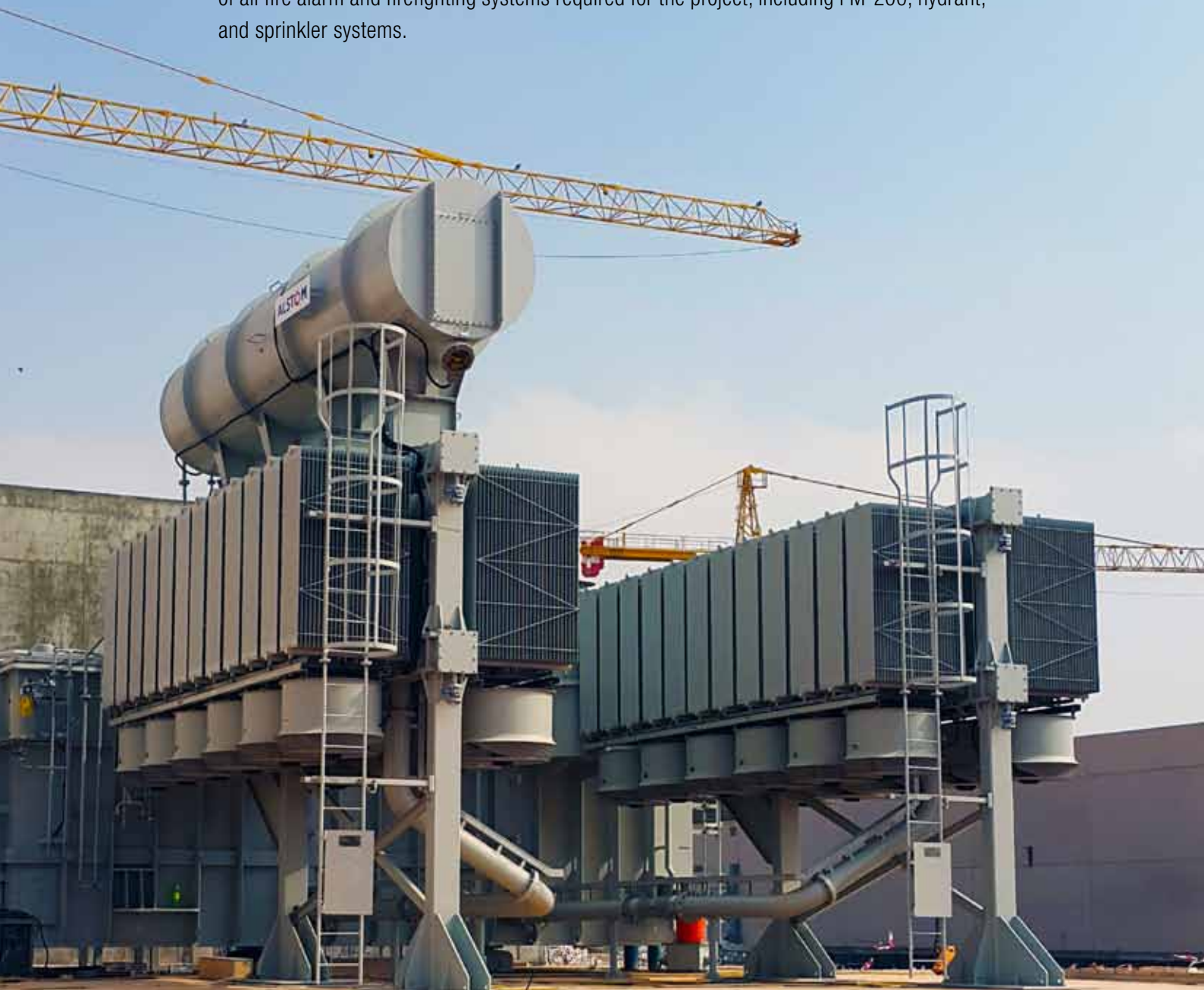
Ashbailyah Substation

One of our top clients, the Al Toukhi Company, awarded a major contract to our Riyadh Fire Team for the supply and installation of fire protection systems at the Ashbailyah Substation.

SAS was chosen to carry out the project despite the fact that it was not the lowest bidder. The following excerpt from a Letter of Appreciation from the Al Toukhi Company illustrates its confidence in the work of SAS: “We appreciate the very strong cooperation and support given by SAS to our company in the pre-bid stage of this project, and the full collaborative and positive approach demonstrated in our last meetings. Even knowing that the SAS offer for the FF System of Ashbailyah is not the lowest, we decided to make every effort to try to settle an agreement with your company.”

The Ashbailyah project, worth SAR 16,735,000, encompasses the largest 380 kV substation in the central region of Saudi Arabia, consisting of a Control Building, a 380 kV GIS Building, a 132 kV GIS Building, and a 13.8 kV SWGR Building, along with 16 Cable Tunnels.

The SAS scope of work includes the design, supply, installation, testing, and commissioning of all fire alarm and firefighting systems required for the project, including FM-200, hydrant, and sprinkler systems.



Al Haram Shopping Center

The Al Haram Shopping Center is among the jewels of Madinah. It is a vast, elegant destination which encompasses 300 retail stores and 250 hotel rooms.

SAS Systems Engineering is proud to be of service to this landmark and the client, the General Presidency of the Two Holy Mosques. In 2014, our Fire Team in Madinah worked on a major upgrade of the mall's fire protection systems.

The project comprised the design, programming, testing, and commissioning of all upgraded fire suppression (FM-200) and fire alarm systems, which are controlled and monitored through an Intelligent Network.



Luberef Refinery

Our Security Department in the Eastern Province won a prestigious contract from Samsung to help bolster the security of the Luberef Refinery in Yanbu, on the Red Sea Coast. In 2014, our engineers supplied, installed, and commissioned the world's most advanced explosive detectors at the refinery, to the client's full satisfaction.

As part of the project, the SAS team also provided extensive training to the refinery's Industrial Security Department.

The Yanbu refinery is the world's largest such facility, with a lubricating-oil-production capacity of 280,000 tons per year. Currently the refinery is undergoing a major expansion.



Makkah Haram Expansion

The Makkah Haram is the largest mosque in the world, with over 15 million visitors annually. The mosque compound, encompassing over 88 acres, comprises the Kaaba, one of Islam's holiest places.

Currently, as the Makkah Haram complex undergoes a vast expansion, SAS is proud to be entrusted with the implementation of a multitude of engineering initiatives at the site. In 2014, our Automation Department installed a Siemens-based ventilation-control network at four facilities around at the Holy Haram Mosque. The systems we have installed also integrate and monitor the facilities' UPS, escalator, central battery, and other systems.

Extensive work was performed at the site by our Security and Communication Department. Our teams supplied and installed CCTV cameras at the mosque, and equipped the site with wireless CCTV cameras for monitoring the construction area.

Our engineers also supplied and installed integrated security systems at the Haram's Ablution and Toilet facilities. In addition, they performed all required maintenance of CCTV and sound systems installed at the mosque.



MOI facilities

SAS Systems Engineering is honored to be of service to the Saudi Ministry of Interior (MOI). For the past several years, our Automation Department has been entrusted with the installation, commissioning, and maintenance of state-of-the-art building automation and energy management systems at MOI facilities.

Currently, under contract with Vision Electromechanical, our engineers are installing stand-alone DDC controls, based on the cutting-edge Johnson Controls FX solution, at MOI sites throughout Saudi Arabia.

The Johnson Controls FX-PC Series Programmable Controller family provides end users with a comprehensive controls solution for a wide variety of HVAC applications. These controllers are designed to provide direct, closed loop control over mechanical and electrical HVAC equipment, either as standalone devices or as part of a larger, networked control system. End users benefit from a rich set of embedded features, and can obtain additional functionality simply by adding accessories.

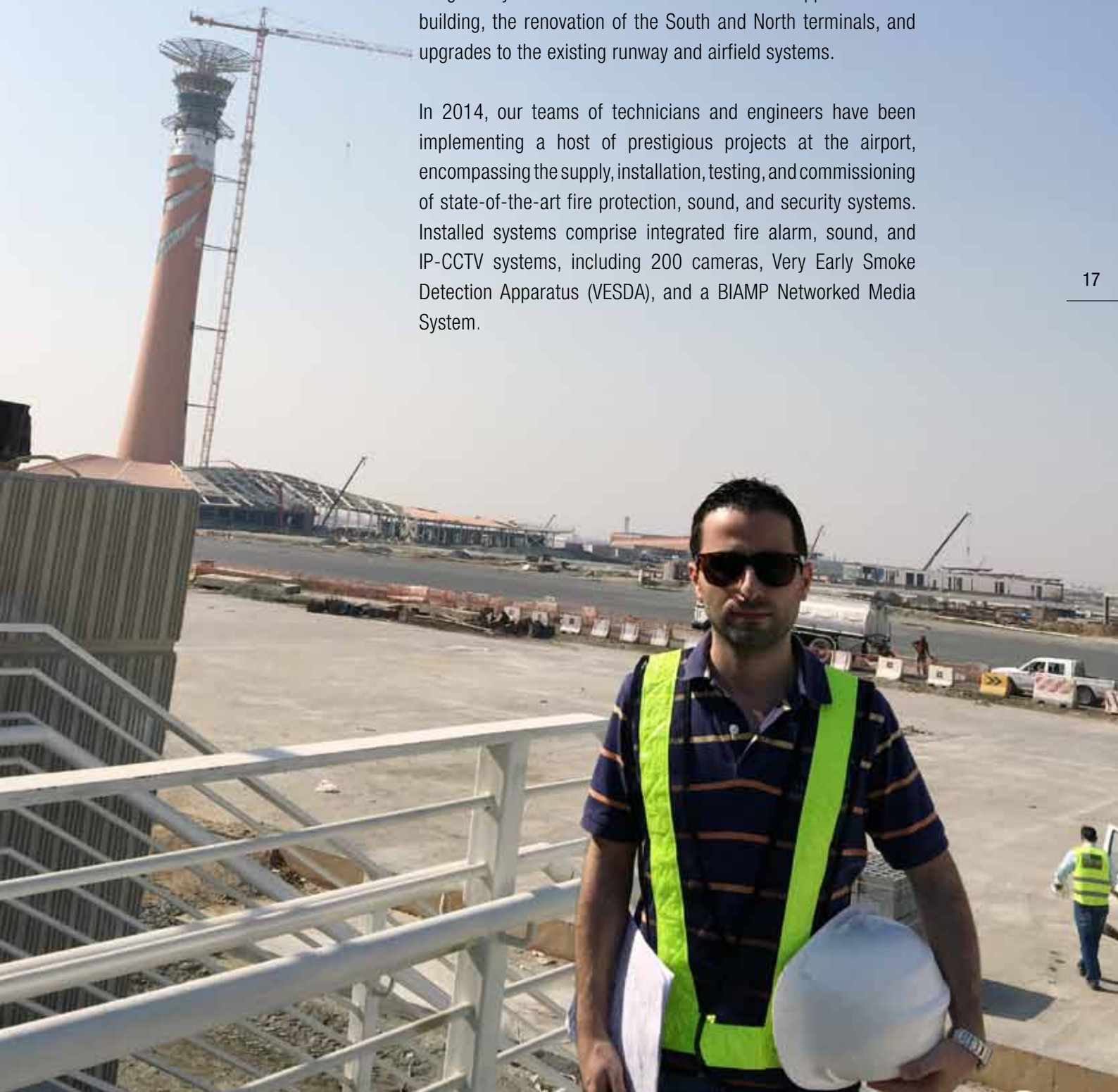
King Abdulaziz International Airport

Located approximately 19 kilometers north of Jeddah, King Abdulaziz International Airport is Saudi Arabia's busiest aviation facility and the kingdom's largest airport.

SAS Systems Engineering has been honored to be of service to the airport's ambitious expansion project, which began in 2006.

Spearheaded by the General Authority of Civil Aviation of Saudi Arabia, the expansion entails three new terminal buildings, a high-speed rail link, and a capacity for up to 80 million passengers a year. Other additions include a new support-services building, the renovation of the South and North terminals, and upgrades to the existing runway and airfield systems.

In 2014, our teams of technicians and engineers have been implementing a host of prestigious projects at the airport, encompassing the supply, installation, testing, and commissioning of state-of-the-art fire protection, sound, and security systems. Installed systems comprise integrated fire alarm, sound, and IP-CCTV systems, including 200 cameras, Very Early Smoke Detection Apparatus (VESDA), and a BIAMP Networked Media System.

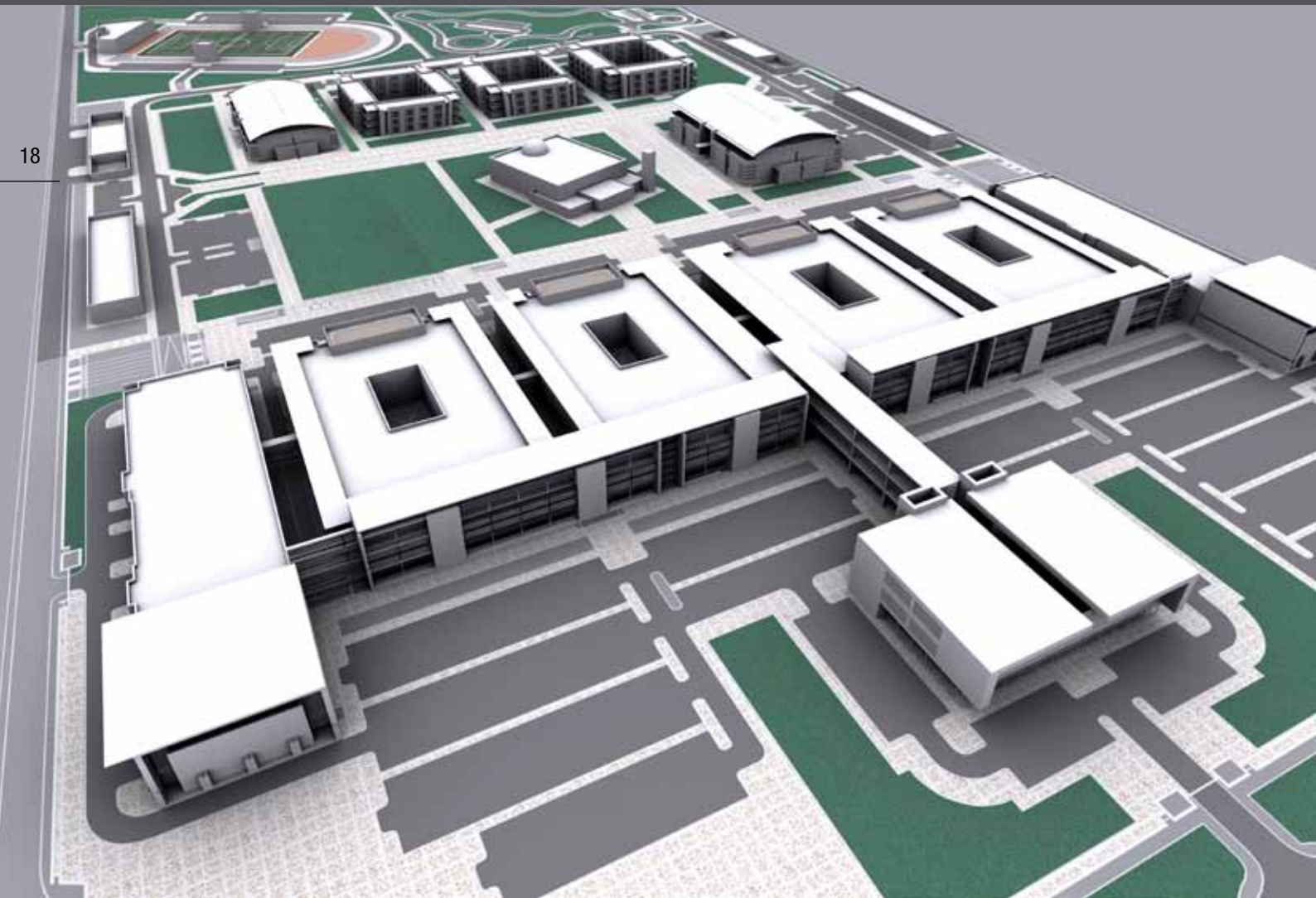


National Training Institute Center and Saudi Academy for Civil Aviation

In 2014, our Riyadh team won two distinguished projects for the Technical and Vocational Training Corporation.

Currently our engineers are implementing an extensive Building Management System at the National Training Institute Center, in Al Ahsa. The project covers 19 buildings and includes 12 chillers, hundreds of AHUs, VAV boxes, lighting, exhaust and fresh fans, and the integration of various subsystems, with contractor YMCO.

A similar project, covering 15 buildings, is being implemented at the Saudi Academy for Civil Aviation in Jeddah, with contractor Afras.





FIRE PROTECTION DEPARTMENT

The SAS Fire Protection Department started 2014 with an outstanding success, namely the 90% completion of our mega project at the Rabigh Power Plant. The on-time implementation of this three-year initiative is a testament to our Fire Team's unparalleled technical expertise and commitment to quality, and a core reason that our Fire Protection Department as a whole experienced continued business growth in the course of the year.

With a proven track record at the Rabigh Power Plant and numerous other sites, the SAS Fire Team was entrusted with a multitude of new projects in 2014. Prestigious clients such as Siemens, Arabian Castle, Hyundai Heavy Industries, Al Fanar, ABB, Saudi Electricity Company (SEC), Saudi Ministry of Higher Education, and Marafiq awarded contracts to SAS for the execution of complex projects, at sites including power plants, substations, aircraft hangars, colleges, and universities.

Among our new high-profile projects in 2014 was the complete scope of fire protection systems at the Shuqaiq Steam Power Plant, one of the world's most advanced facilities of its type, with a multimillion-dollar contract from Hyundai Heavy Industries. Other major fire protection projects we worked on during 2014 included:

- The 380 kV Jeddah Central Substation (contracted by Siemens).
- The 110 and 380 kV substations for the supply of power to the pumping stations of the Yanbu (Madinah) Water Transmission System, Phase III (Al Fanar).
- Aircraft hangars in Taif (ACGC).
- The 380 kV BSP Substation Extension III, in Thuwal (ABB).
- The King Khaled University Medical City, in Abha (Saudi Arabian Baytour).
- The Rabigh Independent Power Plant 380 kV Substation 2 (Hyundai Heavy Industries).
- Various 110 kV substations in the Jeddah, Makkah, Madinah, and Rabigh regions (ABB, AECC, Delta).
- The Yanbu Industrial Water Treatment Plant (Marafiq, with Posco).
- The Yanbu Sewage Water Treatment Plant (Marafiq, with Sete).
- The Yanbu II Marine Facilities (Marafiq).
- Various 380 kV substations in the Jeddah, Makkah, and Yanbu regions.

Distinguished accolades earned by our Fire Team in 2014 included:

- The Honeywell 2013 Best Distributor Award.
- The Notifier 2014 Multi-Million Dollar Award.
- The Notifier 2014 Diamond Award: Recognition of "Above and Beyond," in appreciation of outstanding distributor performance during the year.
- The Kidde Fire Systems 2013 Top Distributor For Middle East Award. SAS has received this award every year in the past decade.

Our Fire Team also continued to enhance its skills and knowledge in 2014, by participating in various trainings and manufacturer-certification courses. Aside from completing trainings provided by Kidde and Notifier, our engineers and managers received a specialized training in the design, installation, and maintenance of fire pumps.



SECURITY AND COMMUNICATION DEPARTMENT

SAS is a leading provider of the world's most sophisticated security and communication systems, satisfying today's increasingly complex requirements. The hallmark of our work is our synergistic approach to systems engineering: our corps of extensively trained, manufacturer-certified engineers provide comprehensive solutions, complementing technical mastery with cutting-edge technologies. Moreover, our products and systems can be fully integrated with other systems such as fire protection, fire alarm, and automated building management. The integration and seamless control of these systems are achieved through extremely powerful, intelligent software and user-friendly interfaces.

Featuring state-of-the-art products from top manufacturers in Europe and the United States, our systems are used throughout the industrial, governmental, and commercial sectors, at a wide range of sites including airports, hospitals, railway stations, power plants, refineries, religious complexes, and corporate buildings as well as private palaces.

In 2014, our Communication Team applied a host of advanced technologies encompassing audiovisual, satellite, multimedia-presentation, home-theater, public-address, Intercom, conference, master-clock, simultaneous-interpretation, and other systems.

As notably, our Security Team harnessed a number of leading-edge technologies that included:

- The FLIR System (USA), which uses short- and long-range radars plus thermal-imaging cameras for night surveillance as well as airborne and ground-based surveillance.
- CCTV (Video Analytic) software solutions (manufactured by Automatic Sea Vision of France) for intelligent maritime video surveillance.
- Cova road blockers (UK) for premises and perimeters security.
- The Gatekeeper (USA) Car Plate Recognition System for car-gate security.

Our global reputation and portfolio of projects have earned the trust of a long list of prestigious clients including the Saudi Electricity Company, the Saudi Ministries of Interior, Health, and Higher Education, Saudi Aramco, Sumitomo Corporation, SBG, GACA, Daelim Industrial Co., Marafiq, Sabic, Saudi Archirodon, SAMREF, Al Mabani, Drake & Scull, Wipro, Saudi Airlines, Saudi Ground Services, PCMC, and Hyundai Engineering, among others.

Major ongoing projects of our Security and Communication Department in 2014 included:

- Maintenance of CCTV, ACS, and public-address systems at the Jeddah and Riyadh branches of National Commercial Bank.
- Supply and installation of integrated security systems at the Qaseem Power Plant III and Qurayyah Power Plant (contractor: Arabian Bemco); Jubail Export Refinery (Sumitomo); and Shoaiba II Combined Cycle Power Plant (Daelim).
- Supply and installation of integrated time management systems at the Saudi Ground Services in Jeddah.
- Supply and installation of CCTV cameras at the Makkah Holy Haram (SBG ABCD).
- Supply and installation of integrated security systems at the Makkah Holy Haram Ablution and Toilet facilities (M. Binladin).



- Supply, testing, and commissioning of UPS systems and batteries at various public hospitals (Ministry of Health).
- Supply and installation of fire alarm and sound systems at King Abdulaziz International Airport, in Jeddah (ICAD).
- Supply and installation of a CCTV system at the Rafha Power Plant, in Jeddah (SSEM).
- Supply and installation of CCTV and sound systems at the King Abdullah Mataf Extension site, in Makkah (SBG PBAD).
- Supply and installation of an IDAS (Intrusion Detection & Alarm system) at the Marafiq Seawater Reverse Osmosis (SWRO-4) plant, in Jubail (PCMC).
- Maintenance of CCTV and sound systems at the Makkah Holy Haram (SBG ABCD).
- Supply and installation of a time attendance system at Saudia (Saudi Arabian Airlines), in Jeddah (WIPRO).
- Supply and installation of wireless CCTV cameras for the monitoring of the construction area around the Makkah Holy Haram Mosque.

As a top systems integrator, SAS has earned the trust of the High Commission for Industrial Security (HCIS). As part of the Saudi Ministry of the Interior, the HCIS is responsible for the development and implementation of security, safety, and fire protection initiatives across the kingdom. Any contractor, designer, or supplier must be approved by the HCIS before being allowed to implement an industrial security project. SAS has carried out numerous such projects, including power plants, refineries, and desalination plants, among others. We provide Intrusion Detection and Assessment Systems (IDAS), Security Access Control Systems (SACS), and Video Surveillance Systems (VSS), with our work scope including full design packages, installation, and commissioning in accordance with the latest HCIS security specifications and quality standards.

Two thousand fourteen was also an outstanding year for our Security and Communication Department in terms of continued professional growth. Our teams participated in several international exhibitions including Intersec Dubai, IFSEC Riyadh, and Essen Germany. They also received advanced trainings in the utilization of the Notifier Fire Alarm System, the Apollo Access Control System, and the G+M Elektronik Public Address System, among others.



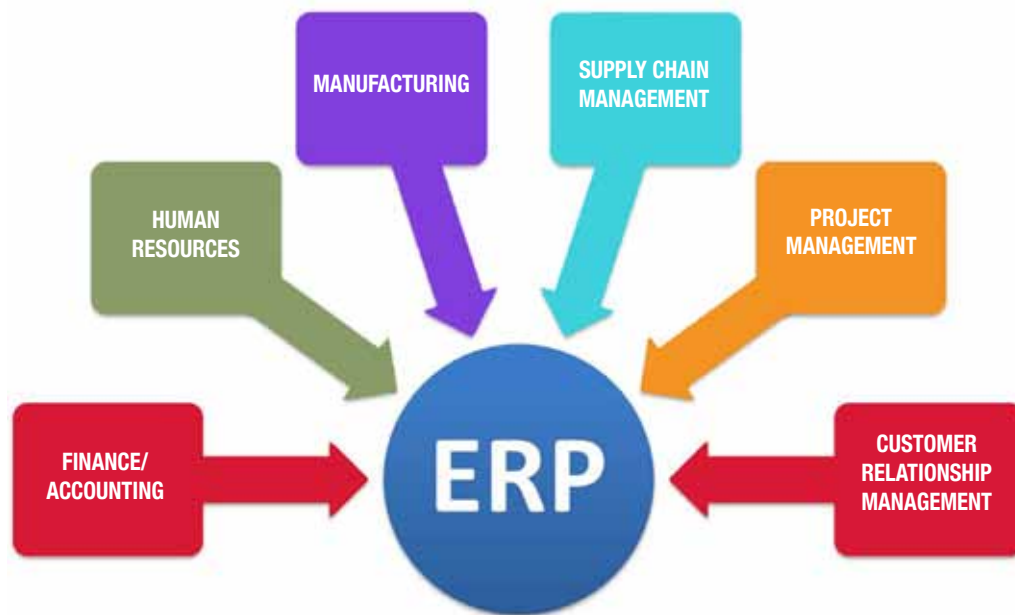
IT DEPARTMENT

Throughout 2014, our IT Department maintained the seamless efficiency and security of our company's IT infrastructure, provided on-the-fly support to the operations of all departments, and contributed its expertise to many SAS projects, deploying leading-edge technologies.

The invaluable support of our IT Team complemented our engineering work for several major projects including:

- The security initiative at the Saudi Airlines center in Jeddah, where our IT engineers integrated the company's time management and SAP systems.
- The fire protection project at the Rabigh Power Plant, where our technicians bolstered the plant's IT infrastructure with helpdesk support for optimal data security.
- The security project at the Seashore site, where our IT Team provided the SAS Security Team a well-defined and stable network for its operations.

Following the implementation of Cloud technologies across the board, our IT Team continues to reorganize all SAS computer operations into a state-of-the-art Enterprise Resource Planning (ERP) system, for an unprecedented level of data consolidation, ease of use, and automation.



The advantages of our ERP system, which goes live in 2015, include centralized and on-demand data management (clients, suppliers, creditors, products and systems, and price lists), procurement management, warehouse management, projects and services management, and sales and customer-relations management.

In addition, the ERP system features "Business Intelligence," a core module that allows users to generate advanced operational reports, enabling them to have the big picture in front of them and accordingly plan ahead and formulate effective strategies with absolute confidence.

AUTOMATION DEPARTMENT

SAS is a pioneer in the fields of building automation and energy management systems, recognized globally for its expertise in ultra-efficient Green Buildings. Our Automation Department specializes in custom-designed systems that comprise the full range of BMS components, including HVAC control, lighting, and energy management. Moreover, our systems integrate a wide range of low-current systems in buildings, including security access control, fire alarm, elevators, power metering, energy monitoring and control, uninterruptible power supply, central battery, and leak detection.

Our systems feature centralized, intelligent management control, highly efficient and innovative energy-saving functions, and seamless integration of all components, resulting in unprecedented ease and control, optimal occupant comfort and convenience (including better indoor air quality), as well as outstanding environmental sustainability and lower operating and maintenance costs.

As importantly, SAS provides industrial automation and SCADA solutions for a variety of industries. These systems enable end users to monitor and control a single plant or a multitude of sites spread over large areas. While improving operational quality and accuracy, our industrial-automation solutions bring significant savings in terms of labor, energy, and materials.

In 2014, our Automation Team worked on several high-profile projects, including:

Blaise Diagne International Airport: With a contract from SBG, SAS is delivering a complete Johnson Controls BMS solution for HVAC control and integration of special airport systems. When completed, the system will enable the monitoring and control of HVAC and electrical equipments in various buildings of the airport as well as the air field, including chillers, air-handling units, fan-coil units, the substation, and feeder pillars, among others. In addition, our solution will integrate special airport systems such as EMCS, baggage handling, visual docking guidance, and others.

Al Riassa Building: SAS is carrying out a major BMS project at the new Riassa structure, in Madinah, a beautiful office building for the employees of the General Presidency of the Two Holy Mosques. The building comprises more than 200 offices. With a contract from JAMED, SAS is providing a complete BMS solution using Johnson Controls' state-of-the-art Metasys system. This solution enables the full integration and centralized control of all HVAC equipments of the building, including chillers, air-handling units, fan-coil units, variable air volumes, and exhaust fans, along with the required interlocks of the structure's fire alarm system.

Makkah Holy Haram Ablution and Toilet Facilities: SAS is installing a Siemens-based BMS network at a total of four sites around the Holy Haram Mosque in Makkah. The facilities serve pilgrims and Haram visitors. The system we're installing is intended mainly to control the ventilation system inside the facilities. It also integrates, for monitoring purposes, various electrical-services systems such as UPS, escalators, and the central battery system, among others.

MOI Integrated Facilities: With a contract from Vision Electromechanical, SAS is installing stand-alone DDC controls, using the FX solution from Johnson Controls, at more than 100 Saudi Ministry of Interior sites across the kingdom.



RIYADH BRANCH

Surpassing expectations is a mantra that's passionately upheld by the dedicated personnel of our Riyadh branch. While thriving on innovation, quality, and timely delivery, our colleagues in Riyadh place equal emphasis on excellent client support, from project planning to after-sales service. It is thanks to such conscientious attention to detail that SAS Riyadh continues to build on an unparalleled track record of success, and has been awarded a slew of new projects in 2014.

Today the portfolio of our Riyadh Fire Protection Department comprises many of the most complex projects to be implemented in Saudi Arabia, awarded by prestigious clients such as the Saudi Electricity Company (SEC), El Seif Engineering and Contracting, Babtain, Nour Energy, and Al Toukhi Company. These clients have entrusted their projects to SAS not only on the strength of its engineering prowess and outstanding service, but also stringent protocols for project-site safety and health.

Encompassing the design, supply, installation, testing, and commissioning of fully integrated fire protection systems, major projects awarded to the Fire Protection Department in 2014 include:

- The IRQAA 380 kV Substation and four 132 kV substations, through contractor Al Babtain Company and with a total value of SAR 20 million.
- Four substations in the Western Region, through contractor Nour Energy and with a total value of SAR 10.2 million.
- The implementation of FM-200 fire suppression systems at the flight-training facilities of the King Faisal Air Academy, in Riyadh, and the King Faisal Air Base, in Tabuk, through contractor El Seif and with a total value of close to SAR 6 million.
- With a contract from one of our most valued clients, Al Toukhi, the construction of the 380/132/13.8 kV BSP Ashbailiyah Substation, the largest facility of its type, in the Central Region, with a total value of SAR 16.735 million. We consider this an outstanding achievement, given the fact that SAS was awarded the contract even though it was not the lowest bidder. By choosing SAS for the project, the Al Toukhi Company has demonstrated that it views the excellent track record and professionalism of our Riyadh Fire Team even more important than pursuing the lowest bid.
- With a contract from a new client, Al Amana Tech, the installation of a fire protection system at the 33 kV Al Rass Substation, in the Qaseem area.
- The extension of the 132 kV Tawdihiya Substation, in the Kharj area. This contract was awarded by ABB based on the SAS team's superb workmanship at the three substations of Princess Noura University, as well as the 380 kV Substation of the King Abdullah Financial Center.

In addition, our Riyadh Fire Protection Team further expanded into the commercial market, by signing contracts for the following projects:

- The installation of fire alarm systems at nine SEC office buildings in the Dawadmi and Kilo 10 areas, with a contract from SEC.
- The installation of fire alarm systems at 11 SEC office buildings throughout the Central Region, also as contracted by SEC.
- The installation of FM-200 fire suppression systems at the Dhahran Commercial Center, with a contract from a new client, Musharabia Contracting Company.



- The installation of FM-200 fire suppression systems at the Wadi Training Facility, with a contract from another new client, Future Construction Contracting Company.

Also in 2014, our Riyadh Fire Team worked on earning approval for two mega projects: 1) The KAP4 project, through the Al Arrab Contracting Company, entailing the installation of Novec 1230 fire protection systems in 754 rooms; and 2) the KAP3 project, through the Saudi Binladin Group, comprising the installation of FM-200 and CO2 fire protection systems in 3,400 buildings on 600 sites. To date, SAS Riyadh has received approval for the Novec 1230 submittal with regard the KAP4 project, and the FM-200 submittal regarding the KAP3 project.

The ongoing professional growth of the Fire Team continues to be a key factor behind its success. In 2014, our engineers and managers received Notifier Certification following their training in the application of Notifier's latest fire alarm system. Training was likewise provided by Kidde, bolstering advanced knowledge and skills with regard to FM-200, Novec, and CO2 systems and including hardware and component specifications, system installation, and safety. Another important training, pertaining to pump design, selection, installation, and control, was provided by Haward Technology Middle East.

Like the Fire Team, our Riyadh BMS, Security, and Communication Department continues its tradition of taking on complex projects with a wonderful team spirit and a positive attitude. Year after year, such attributes have led to synergistic relationships with clients, earning their trust and respect.

In 2014, one of our most esteemed clients, the Technical and Vocational Training Corporation, in Riyadh, has entrusted the SAS BMS, Security, and Communication Department with two prestigious projects: the installation of BMS at the National Training Institute Center, in Al Ahsa, and the Saudi Academy for Civil Aviation, in Jeddah.

As importantly, the team has made inroads into the health sector, with the implementation of an extensive BMS project at Dallah Hospital, in Riyadh.

Parallel to carrying out such projects, the SAS Riyadh Branch continues to uphold its reputation as a top engineering maintenance provider. Thanks to a flawless track record in the field, our Riyadh Maintenance Team was able to renew contracts with the National Commercial Bank as well as several Ministry of Interior facilities in Al Mabath. Moreover, our Riyadh BMS, Security, and Communication Department has grown to become a preferred supplier of products and systems for many of our important clients, including the Youssef Maroun Contracting Company.

Our Riyadh BMS, Security, and Communication Department placed considerable focus on professional advancement in 2014. With the aim of continually acquiring advanced knowledge and skills, our Estimation Department completed an Axis training on CCTV camera features and technical details, as well as strategies for meeting specific client requirements. In addition, our Operation Team received training on how to commission the Axis Camera Station and Siemens' Designo BMS system.

“Standing out in a country that stands out, SAS has been able to capture the market lead on some of the most prestigious projects in the kingdom. The first to introduce the iFAAST to the market, SAS has been able to install the unit in the famous KAIA airport with unprecedented ease.”

Notifier (Honeywell)

MADINAH BRANCH

In 2014, our Madinah branch worked on several prominent projects in and around the Holy City, implementing the full scope of fire protection initiatives at commercial, religious, and other sites.

One of the most complex projects our Madinah Team is involved in today is the expansion of the Masjid al Nabawi (the Mosque of the Prophet), in Madinah. Launched by a royal decree, the project is one of the largest reconstruction programs ever to be carried out in Saudi Arabia. It entails the relocation of scores of properties and the subsequent enlargement of the Masjid al Nabawi compound. Another project, spearheaded by the General Presidency for the Two Holy Mosques (Makkah Haram and Madinah Haram), is the supply of fire protection systems at the Al Riassa building.

An ultra modern, architecturally striking structure in the heart of Madinah, the Al Riassa building houses the administrative and management offices of the Haramain Riassa. Our engineers are executing the design, installation, programming, testing, and commissioning of all fire suppression systems at the building. The systems, which feature state-of-the-art foam and FM-200 technologies, are powered by an Intelligent Network. An equally prestigious project our Madinah Team is working on at present is the upgrade of all fire suppression and fire alarm systems at the landmark Al Haram Shopping Center.

Also in the course of 2014, our Madinah Team successfully completed a number of extensive projects. They include the full scope of fire alarm systems at the Al Mohesin Palace; and the installation of the main fire alarm system in all the student rooms and electrical and mechanical areas of the Islamic University Usul Al Din College.





AL KHOBAR AND JUBAIL BRANCHES

In 2014, our branches in Al Khobar and Jubail continued to build on a longstanding reputation for excellent workmanship, service, and project delivery. Their high level of performance earned them several new contracts in the course of the year, for various fire protection and security projects throughout the Eastern Province.

Comprising the design, supply, installation, testing, and commissioning of fully integrated fire protection systems, major projects awarded to the Fire Protection Department in 2014 include:

- Seven 115 kV/13.8 kV substations across the Eastern Province, as contracted by the Saudi Electricity Company (SEC).
- The substations of the King Fahed District and West of Second DIE (both in the Dammam area), as well as those of Dahiya and Al Shayyit, through contractor Al Fanar and with a total value of close to SAR 9.9 million.
- The Bandaria and Al Muhandiseen substations (both located in Al Khobar City), through contractor Al Mashariq and with a total value of SAR 4,650,000.
- The DIE 6B substation (in Dammam), through contractor Larson and Turbo and with a total value of over SAR 3.1 million.

The Fire Team has also received a number of POs for projects in Jubail and Hafer Al Batin, through the contractors GCC and Al Osais.

Along with the work of the Fire Protection Team, our Security Department in the Eastern Province has worked on several high-profile projects in 2014. Among our Security Team's major achievements was its work at the Luberef Yanbu Refinery, the largest crude-oil refinery in the world, located on the shore of the Red Sea at Yanbu, near the city of Dhahran. With a contract from Samsung, our team supplied high-end explosive detectors to the refinery. In addition, our engineers provided hands-on training to the personnel of the refinery's Industrial Security Department.

Another major project entrusted to our Security Team comprised the installation of 68 KABA security barriers at sites throughout Saudi Arabia for one of our most valued clients, Saudi Aramco. Our engineers provided full support to Saudi Aramco personnel during the installation and commissioning of the KABA barriers.

Today, in addition to a robust portfolio of ongoing projects, our Eastern Province Security Team is in charge of an extensive new initiative at the Marafiq Independent Water and Power Production (IWPP) site, in Jubail, through contractor PCMC.



PROFESSIONAL GROWTH

In 2014, our teams received various trainings, completed manufacturer certification and recertification courses, and participated in leading industry exhibitions, continually honing their expertise in the world's most advanced systems. Exhibitions and conferences included Notifier's "Innovation 2014," in Florida; Intersec Dubai; IFSEC Riyadh; and Essen Germany. Trainings included Haward Technology's pump applications; the Notifier Fire Alarm System; the Apollo Access Control System; the G+M Elektronik Public Address System; Kidde Fire Systems' FM-200, Novec, and CO2 systems; the Axis CCTV camera and Camera Station applications, and Siemens' Desigo BMS system.



Apollo Access Control System training.



Kidde Fire Systems training.



Haward Technology training.



Notifier Fire Alarm System training.



A scene from Notifier's Leadership Conference, "Innovation 2014," held in Boca Raton, Florida.

RECOGNITION AND AWARDS

In 2014, SAS received numerous awards and letters of appreciation, in recognition of superb service, product quality, and distributorship. Among the accolades we were honored with include the Notifier (Honeywell) 2013 Best Distributor Award; the Notifier 2014 Multi-Million Dollar Award; the Notifier 2014 Diamond Award: Recognition of "Above and Beyond," in appreciation of outstanding distributor performance; and the Kidde Fire Systems 2013 Top Distributor for Middle East Award. SAS has been given this award every year for the past decade. Notifier has also recognized SAS for being the first to introduce to the market the iFAAST Very Early Warning Fire Detection System.



SAS General Manager Hovig Kurkjian and Fire Protection Department Head Nadeem Shamsi at the Notifier Leadership Conference in Florida, after receiving the Notifier Multi-Million Dollar Award and the Notifier Diamond Award.



Kidde Fire Systems representatives and members of the SAS Fire Protection Department after being honored with the Kidde Fire Systems 2013 Top Distributor For Middle East Award.

TECHNOLOGY SHOWCASE

In 2014, our Jeddah Fire Team conducted a pioneering FM-200 discharge test, a first in the history of Saudi Arabia's fire protection industry. The test, which was requested by Doosan Heavy Industries, demonstrated the integrity of the design and installation of the FM-200 system per NFPA and SEC standards, and was fully accepted by the end user, the Saudi Electricity Company.



Also in 2014, SAS became the first company to introduce Notifier's revolutionary iFAAST (Fire Alarm Aspiration Sensing Technology) system in Saudi Arabia. Given its seamless integration with Notifier's fire alarm control panels and any Building Management System, ease of installation and management, and cost-effectiveness, iFAAST is an outstanding choice for Very Early Warning Fire Detection. Our engineers installed the iFAAST system at the King Abdulaziz International Airport.



TEAM OF THE YEAR: FIRE PROTECTION DEPARTMENT



It is a distinct pleasure to recognize the SAS Systems Engineering Fire Protection Department as our 2014 Team of the Year!

With their uncompromising dedication to work quality, service, technological innovation, timely project delivery, and project safety, our Fire Team has once again surpassed itself. Congratulations!

MAJOR COMPLETED PROJECTS, 2014

Project	Description	Contractor	Location	Owner
Rabigh Power Plant 2	HFO and DFO Tanks		Rabigh	SEC-COA
SWCC Shuqaiq AWTF	Firefighting and fire alarm systems	Timna	Shuqaiq	SEC-SOA
Archive and Annex offices at new corporate headquarters	Firefighting and fire alarm systems	M. Binladin		Private
Najran 132/33 kV Substation	Firefighting and fire alarm systems	Al Mashariq	Najran	SEC-SOA
Jeddah North 380 kV Substation	Firefighting and fire alarm systems	Al Osais	Jeddah	SEC-WOA
Islamic Development Bank	Replacement of Halon with FM-200 system	Islamic Development Bank	Jeddah	Islamic Development Bank
Reinforcement of Qurayyah PP	Firefighting and fire alarm systems	SSEM	Qurayyah	SEC-ER
Jubail Export Refinery	Firefighting and fire alarm systems	Rotary Engineering Limited (Singapore)	Jubail	SATORP
Batha Quraish and ICY 6 Substation	Firefighting and fire alarm systems	Areva		SEC-WOA
KEC 1 and KEC 2 substations	Firefighting and fire alarm systems	ABB		SEC-COA
Reinforcement of Hail 2 Power Plant	Firefighting and fire alarm systems	Al Fanar	Hail	SEC-WOA
Jazan Economic City 380 kV SS	Firefighting and fire alarm systems	Al Fanar	Jazan	SEC-COA
Sama Commercial Building	Firefighting and fire alarm systems	Johnson Controls		Johnson Controls
New Al Nawariah SS				
Taiba University				
Ras Al Zaur Environmental Facilities	Firefighting and fire alarm systems	SSEM		SWCC
Mobily Shelter	Firefighting and fire alarm systems	Electrical Works Est.		Electrical Work Est.
Ashwaq Al Haram	Firefighting and fire alarm systems	PMDC		Private
Qaseem PP 3 Crude Oil Pipeline	Firefighting and fire alarm systems	Bemco	Qaseem	SEC-ER
Shoaiba Power Plant, Stage III - 110 kV substation	Firefighting and fire alarm systems	Sojitz	Shoaiba	SEC-WOA
Shamiyah 1 and 2 substations	Firefighting and fire alarm systems	ABB	Makkah	SEC-WOA
Riyadh Power Plant 10	Firefighting and fire alarm systems	Bemco International	Riyadh	SEC -COA
Shoaiba Power Plant, Stage III	Firefighting and fire alarm systems	Alstom Power	Shoaiba	SEC-WOA
Makkah Haram Massa Control Room relocation	Relocation of CCTV and sound system	SBG ABCD	Makkah	Al Riassa

Project	Description	Contractor	Location	Owner
KSU Data Center	Supply, installation, testing and commissioning of access control, CCTV, and interphone systems	BTC	Riyadh	KSU
Mabaheth car maintenance	Maintenance of surveillance cars, over three visits per year	Mabaheth	Riyadh	Mabaheth
Mabaheth Batteries	Supply, installation, testing, and commissioning of secret-surveillance car batteries at 15 sites throughout Saudi Arabia	Mabaheth	Riyadh	Mabaheth
Training Center in Wadi Al Dawaser	Supply, testing, and commissioning of one 40 KVA UPS with 66 batteries for 30-minute backup	Future Constructions	Riyadh, Wadi Al Dawaser	
Prince Mohamad Bin Nayef Farm	Supply, testing, and commissioning of CCTV System, consisting of 24 Arecont Vision cameras with ExaqVision Server	Sultan Al Rasheed Est.	Riyadh	Prince Mohamad Bin Nayef
NCB spare parts	Supply of Interlogix spare parts	Safari Co.	Riyadh	NCB
Ministry of Higher Education	Supply, testing, and commissioning of one 40 KVA UPS with 66 batteries for 30-minute backup	Eras	Riyadh	Ministry of Higher Education
King Abdullah Financial District 4, 132/12.8 kV substations #8191 and 8192	Fire protection system	Al Fanar	Riyadh	SEC-COA
Al Muzahmiah Substation #8522	Fire protection system	Al Osais Company	Riyadh	SEC-COA
New Rafha Substation reserve system	Fire protection system	Delta	Riyadh	SEC-ER
Khamsin Al Dawaser Substation #8783	Fire protection system	Nour Energy	Wadi Al Dawaser	SEC-COA
Saudi Aviation Training Center	Fire protection system	Youssef Maroun Contracting Company	Riyadh	Technical and Vocational Training Corporation
Huraymala Substation #8068	Fire protection system	Alstom	Riyadh	SEC-COA
Al Rossan Substation #8606	Fire protection system	Alstom	Riyadh	SEC-COA
Baqaa SS #8911	Fire protection syst.	Alstom	Riyadh	SEC-COA
Power Plant #9 Transmission Room	Fire protection system	Arabian Bemco	Riyadh	SEC-COA

Project	Description	Contractor	Location	Owner
Shamiya two consoles	CCTV System	SBG ABCD	Makkah	Al Riassa
Makkah Haram maintenance (Umrah and Mataaf)	Maintenance of CCTV and sound systems for Ramadan and Hajj period	SBG ABCD	Makkah	Al Riassa
Hilton Commercial Center	Fire alarm system	Hilton Hotel	Makkah	Makkah
KAIA 200 wireless IP cameras	IP-CCTV system	BTC	Jeddah	SBG



MAJOR ONGOING PROJECTS

Project	Description	Contractor	Location	Owner
Haramain extension 3, 380/110 kV BSP substation	Firefighting and fire alarm systems		Thuwal	SEC-WOA
King Khalid University College of Language and Translation	FM02 system on subterranean floor			
Construction of Modon 2 - 132/33/13.8 kV substation			Jeddah	
Construction of 380 kV underground cables for Makkah Central 380 kV Substation			Makkah	SEC-WOA
King Fahd Airbase	Fire protection systems for shelters refurbishment			
King Fahd Airbase	Fire alarm for shelters refurbishment			
King Khalid University Male Campus	Fire protection systems	Guangdong Overseas Construction Group	Abha	Ministry of Education
Yanbu 3 - 380 kV Substation and power supply to pumping station of Yanbu - Madinah Water Transmission Systems, phase III				
King Khalid University College of Language and Translation	Fire protection systems	Al Rashid	Abha	Private
Thuwal Town SS - 110/13.8 kV	Fire protection system	Advanced Energy Contracting Co.	Thuwal	SEC-WOA
Wali Al Ahad Substation - 110/13.8 kV	Fire protection system	Advanced Energy Contracting Company	Makkah	SEC-WOA
Arafat 2 Substation - 110/13.8 kV	Fire protection system	Advanced Energy Contracting Co.	Makkah	SEC-WOA
Modon Substation - 380/110/33/13.8 kV	Fire protection systems	Al Gihaz	Jeddah	SEC-WOA
Bani Malik	Fire protection systems	ABB	Jeddah	SEC-WOA
Rabigh 2 Housing	Fire protection systems	ABB	Rabigh	SEC-WOA
Iskan City 2	Fire protection systems	ABB	Jeddah	SEC-WOA
Al Eyse	Fire protection systems	ABB	Madinah	SEC-WOA
Ushaira	Fire protection systems	ABB	Taif	SEC-WOA

Project	Description	Contractor	Location	Owner
Yanbu II Power and Water	Fire protection systems	Saudi Archirodon	Yanbu	
Makkah North Substation (Tiaf ext.) - 380 kV	Fire protection system	Al Toukhi	Makkah	SEC-WOA
Al-Nuzha 2 Substation - 110/13.8 kV	Fire protection systems	Alstom - Areva	Makkah	SEC-WOA
Hindawiyah Substation - 110/13.8 kV	Fire protection systems	Alstom - Areva	Makkah	SEC-WOA
Tiyam 2 Substation - 110/13.8 kV	Fire protection systems	Alstom - Areva	Madinah	SEC-WOA
Haramain High-speed Railway 380 kV - 6 substations	Firefighting and fire alarm systems	Al Fanar	Makkah, Jeddah, and Madinah	SEC-WOA
Iskan 132/33/13.8 kV (Al Hisma SS)	Firefighting system	Al Gihaz	Jeddah	SEC-SOA
King Khalid University - 2 substations	Fire protection systems	Al Gihaz	Abha	SEC-SOA
Qurayyah IPP	Fire protection systems	Al Fanar	Qurayyah	SEC-EOA
Reinforcement of Hail II Power Plant, extension III	Fire protection systems	Al Fanar	Hail	SEC-WOA
Rafha Power Plant extension	Fire protection systems	SSEM	Rafha	SEC-SOA
New Headquarters Archive and Annex Offices	Fire protection systems	M. Binladin	Jeddah	Private
Jeddah North Substation	Fire protection systems	Al Osais	Jeddah	SEC-WOA
Rabigh Power Plant 2	Fire protection system	Doosan	Rabigh	SEC-WOA
Marafiq Yanbu IWTP II	Fire alarm and fire protection system	SETE Energy	Yanbu	SETE Energy
SEC - Western Region maintenance	Fire protection maintenance	SEC-WOA	Western region	SEC-WOA
Reinforcement of Hail 2 Power Plant	Fire protection system	Al Fanar	Western region	SEC-WOA
Berain Factory	Supply, testing, and commissioning of Building Management System, including 4 chillers, 20 AHUs, various pumps, and integrations.	YMCO	Riyadh	Berain Factory
Sadafco	Supply, testing, and commissioning of BMS, including 2 chillers, 9 AHUs, exhaust fans, VAV boxes, various pumps, and integrations	YMCO	Riyadh	Sadafco

Project	Description	Contractor	Location	Owner
Saudi Academy for Civil Aviation	Supply, testing, and commissioning of BMS in over 15 buildings, incl. 9 chillers, VAV boxes, lighting, exhaust and fresh fans, with various integrations	Afras	Riyadh	TVTC
Rashed Mall Garden Space	Supply, testing, and commissioning of BMS	Rashed	Riyadh	Rashed
MOI integrated project - police stations	Standalone control system for 3 PACUs serving public area	VISION	Central and Eastern regions	MOI
Nobu Hotel	Supply, testing, and commissioning of over 70 Axis cameras and 700 I/O BMS to monitor and control HVAC system	Sharqawi Co.	Riyadh	Al Anoud Tower
Ras El Kher Riyadh Water Transmission System	Supply, testing, and commissioning of compact public address system	SSEM	Ras El Kher	
National Training Institute Center	Supply, testing, and commissioning of BMS in more than 19 buildings, including 12 chillers, hundreds of AHUs, VAV boxes, lighting, and exhaust and fresh fans, with various integrations	YMCO	Riyadh	TVTC
MIG	Supply, testing, and commissioning of BMS, including around 10 AHUs, fan coil units, lighting, lobby temperature, and exhaust and fresh fans, with various integrations	ATS	Riyadh	Prince Khaled Bin Sulman
Dallah Hospital	Supply, testing, and commissioning of BMS, including chillers, FCUs, AHUs, more than 1,200 points of fire integrations	Hashem Contracting	Riyadh	Dallah
Panda Alia	Supply, testing, and commissioning of the Building Management System, including 20 package units, lighting system, generators, fire and electrical pumps, and water storage	YMCO	Riyadh	Panda Hypermarket

Project	Description	Contractor	Location	Owner
Panda Obhor	Supply, testing, and commissioning of the Building Management System, including 20 package units, lighting system, generators, fire and electrical pumps, and water storage	YMCO	Riyadh	Panda Hypermarket
Panda King Saud	Supply, testing, and commissioning of the Building Management System, including 20 package units, lighting system, generators, fire and electrical pumps, and water storage	YMCO	Riyadh	Panda Hypermarket
Panda Salboukh	Supply, testing, and commissioning of the Building Management System, including 20 package units, lighting system, generators, fire and electrical pumps, and water storage	YMCO	Riyadh	Panda Hypermarket
Panda Al Kher	Supply, testing, and commissioning of the Building Management System, including 20 package units, lighting system, generators, fire and electrical pumps, and water storage	YMCO	Riyadh	Panda Hypermarket
Panda Nada	Supply, testing, and commissioning of the Building Management System, including 20 package units, lighting system, generators, fire and electrical pumps, and water storage	YMCO	Riyadh	Panda Hypermarket
Panda Jammoum	Supply, testing, and commissioning of the Building Management System, including 20 package units, lighting system, generators, fire and electrical pumps, and water storage	YMCO	Riyadh	Panda Hypermarket

Project	Description	Contractor	Location	Owner
Panda Maazar	Supply, testing, and commissioning of the Building Management System, including 20 package units, lighting system, generators, fire and electrical pumps, and water storage	YMCO	Riyadh	Panda Hypermarket
Panda Houtat Bani Tamim	Supply, testing, and commissioning of the Building Management System, including 20 package units, lighting system, generators, fire and electrical pumps, and water storage	YMCO	Riyadh	Panda Hypermarket
King Abdullah Financial Center 380/132/13.8 kV Substation #9020	Fire protection system: Novec system, hydrant system, sprinkler system, pumps	ABB	Riyadh	SEC-COA
Central West interconnection, Qaseem, Madinah	Fire protection system: Novec system, hydrant system, sprinkler system, pumps	Alstom	near Madinah	SEC-COA
Qaseem 3 Substation #9029	Fire protection system: Novec system, hydrant system, sprinkler system, pumps	Al Toukhi Co.	Qaseem	SEC-COA
Tabarjal Qurayyat 132 kV interconnection Part 2 Substation	Fire protection system: Novec system, water deluge system	Al Toukhi Co.	Tabarjal	SEC-ER
Oraija Substation #9016	Fire protection system: Novec system, hydrant system, sprinkler system, pumps	Al Babbain	Riyadh	SEC-COA
New 132/13.8 kV #8169, Al Rabwa area	Fire Protection System	Saudi Services Company SSC	Riyadh	SEC-COA
Extension work in National guard (SS # 8093), Al Azim (SS # 8918) and Al Hait (SS # 8922) projects	Fire protection system	Alstom	Riyadh	SEC-COA
New Ministry of Education Headquarters	Fire protection system	Saudi Oger	Riyadh	Ministry of Education
Construction of 110/13.8 kV King Abdullah Waqf (Al Fath) Substation	Fire protection system	AECC	Madinah	SEC-WOA

Project	Description	Contractor	Location	Owner
Construction of West Buraydah Substation #8840	Fire protection system	AECC	Riyadh	SEC-COA
Construction of 115/13.8 kV Khafji Substation #5	Fire protection system	AECC	Khafji	SEC-ER
Construction of Al Kadrh (Abu Sadad) 132/33/13.8 kV Substation	Fire protection system	AECC	Southern Region	SEC-SOA
Construction of Wadi Al Dawaser 380/132/13.8 kV BSP #9701	Fire protection system	Babtain	Riyadh	SEC-COA
New 380/115/33 kV RIC Substation #2	Fire protection system	Babtain	Eastern Region	Royal commission for Jubail & Yanbu RIC
Ministry of Water Substation #8135	Fire protection system	Delta	Riyadh	SEC-COA
Power Plant #9, Block E	Upgrade of firefighting system	SEC	Riyadh	SEC-COA
King Abdulaziz Port KAAP 115 kV Substation	Fire protection system	Delta	Dammam	SEC-COA
New 132/33/13.8 kV SS #8716, military industries	Fire protection system	Delta	Kharj area	SEC-COA
New 132/33/13.8 kV SS #202, Ghor-natah	Fire protection system	Babtain	Riyadh	SEC-COA
New 132/33/13.8 kV SS #8164, Al Warood	Fire protection system	Babtain	Riyadh	SEC-COA
New 132/33/13.8 kV SS #8200, Nas-eem Southwest	Fire protection system	Babtain	Riyadh	SEC-COA
New 132/33/13.8 kV SS #8204, Olayyah	Fire protection system	Babtain	Riyadh	SEC-COA
Construction of Irqaa 380/132/13.8 kV BSP #9034	Fire protection system	Babtain	Riyadh	SEC-COA
New 132/33/13.8 kV SS #8054 at Royal Guards' Training Facility	Fire protection system	Al Fanar	Riyadh	SEC-COA
Saudi-British Defense Cooperation Program LOA1 (KFAA & KFAB)	Fire protection system	Elseif MEP	Riyadh and Tabuk	Ministry of Defense
New 33 kV SS #7856, Al Rass	Fire protection system	AT Groups	Riyadh	SEC-COA
Construction of 380/132 kV #9038 Ashbailiyah SS and expansion of Nasim #9015 Substation	Fire protection systems	Al Toukhi	Riyadh	SEC-COA

Project	Description	Contractor	Location	Owner
Training Center	Fire protection system	Future Construction	Wadi Al Dawaser	SEC-COA
Construction of 110/13.8 kV King Abdullah Waqf (Al Fath) Substation	Fire protection system	AECC	Madinah	MOD
SEC Buildings in Rafai, Ruwayda, Sajer, Bijadiaya, Nafa, and Afif	Fire protection system	SEC	Dawadmi	SEC
SEC Buildings in Dawadmi & Kilo 10	Fire protection system	SEC	Dawadmi	SEC
Reinforcement of Al Tawdhiyah 132/33 kV SS #8705	Fire protection system	ABB	Riyadh	SEC-COA
National Commercial Bank	Maintenance of CCTV, ACS, and public address systems	National Commercial Bank	Jeddah and Riyadh	National Commercial Bank
Qaseem Power Plant III	Security	Arabian Bemco	Qaseem	SEC
Qurayyah Power Plant	Security	Arabian Bemco	Qurayyah	SEC
Saudi Ground Services	Security	Saudi Airlines	Jeddah	Saudi Airlines
Jubail Export Refinery, Package 10	Security	Sumitomo	Jubail	SATORP
Makkah Holy Haram	Relocation and installation of CCTV cameras	SBG ABCD	Makkah	Al Riassa
Makkah Holy Haram Ablution and Toilet facilities	Security	M. Binladin	Makkah - four locations	Al Riassa
Government hospitals	Security	Ministry of Health	Various sites	Ministry of Health
Shoaiba II Combined Cycle Power Plant	Security	Daelim (Korea)	Shoaiba	SEC
King Abdulaziz International Airport	Installation of integrated fire alarm and sound systems	ICAD	Jeddah	Civil Aviation Authority
Rafha Power Plant	CCTV system	SSEM	Jeddah	SEC
Makkah Haram	Maintenance of CCTV and sound systems	SBG ABCD	Makkah	Al Riassa
Saudi Airlines	Time attendance system	WIPRO	Jeddah	Saudi Airlines
Blaise Diagne International Airport	BMS: Johnson Controls HVAC control system with integration of special airport systems	SBG	Dakar, Senegal	AIBD
Al Riassa Building	BMS: Johnson Controls HVAC control system	Juffali Air Conditioning, Mechanical and Electrical (JAMED)	Madinah	General Presidency of the Two Holy Mosques

Project	Description	Contractor	Location	Owner
King Abdullah Matarf extension	Fire protection system	Future Construction	Wadi Al Dawaser	SEC-COA
Marafiq	CCTV and sound system	SBG ABCD	Makkah	Al Riassa
SWRO 4	Supply and installation of IDAS system	PCMC	Jubail	Marafiq
Makkah Holy Haram Ablution and Toilet Facilities	BMS: Siemens Building Automation – control and monitoring of ventilation systems with integration of different electrical service systems	M. Binladin	Makkah	General Presidency of the Two Holy Mosques
Ministry of Interior integrated facilities	Stand-alone DDC control for MOI facilities around the kingdom	Vision Electromechanical	All provinces	Ministry of Interior



OUR CLIENTS

ABB Contracting Co.
Abdulrahman Al Rashid (ARTAR)
ABV Rock Group
Advanced Energy Company (AECC)
AECC
Al Amana Technology Groups (ATG)
Al Arrab Contracting
Al Babbain
Al Dhaliliya
Al Essa
Al Fanar
Al Fozan
Al Gihaz Contracting and Trading Co.
Al Haram Hotel
Al Latifia
Al Mabani
Al Mandarya
Al Mashariq
Al Moheisin Palace Contracting Co.
Al Moussa
Al Naba
Al Osais
Al Rashid Trading & Contr. Co. (RTCC)
Al Rayada
Al Riassa
Al Saad Contracting
Al Saadah
Al Sawaed
Al Sharq Office Co.
Al Sharqawi
Al Toukhi
Al Yamama
Alia Electromechanical Co.
Alstom Power
Anwar al Madinah Movenpick Hotel
Arabian Bemco
Arabian Castle for General Contracting
Areel
Areva
Ashi & Bushnaq
AUVA

Bank Aljazira
Baud Telecom Company (BTC)
Bemco International
BTC

Ceitcon
Consolidated Contracting Co. (CCC)
CREET

Daelim
Dar al Iman Intercontinental Hotel
Dayim Punj Lloyd
Delta
Dhaliliya
Doosan Heavy Industries & Const.
Drake & Scull
Dulb Trading

Elaf Taiba Hotel
Electrical Works Est.
Electro Technique Arabia
El Seif Engineering Contracting Co.
ETA Star/Unistar
Ettimadat Contracting

Farafro
Fawaz Al Hukeir Est.
First Saudi Co.
Fuel Technology Co.
Future Constructions Contracting Co.

General Dynamics
General Electric
Guangdong Overseas Const. Group Co.

Haif
Hanwha Engineering and Construction
Hashem Co.
Hazem and Brothers Trading Co.
Hidada Contracting
Hilton Towers
Hitachi Plant Technologies
Holiday Inn
Hosn Al Karama Contracting Co.
Hyundai Engineering
Hyundai Heavy Industries

IBS Co.
ICAD
Intercontinental Hotel
Iscosa Industries and Maintenance
Islamic Development Bank

JAL International Co.
JAMED

Kabbani Group
KADI Trading & Contracting Co.
Karam al Hejaz Hotel
KEC International

KFMC
 King Abdulaziz City
 for Science & Technology

 LADA Trading & Contracting Co.

 Madinah al Nasr
 Madinah Oberoi Hotel
 Marafiq
 MEP Solutions Road
 Meridien Hotel Madinah
 Ministry of Defense & Aviation
 Ministry of Health
 Ministry of Higher Education
 Ministry of Interior
 Mohammad Bin Laden
 M. R. Al Khathlan
 M/S Al-Khonaini & Partners
 Musharabia MCC

 Nahdet Al Emaar
 Nahil
 Najm Al Jazirah Contracting Co.
 National Commercial Bank
 National Contracting Company
 NCC T & D
 Nesma & Partners
 Nobu Hotels
 Nour Energy

 Oberoi Hotel
 Orascom
 Othaim Market

 Petro Rabigh
 Plus Pro
 PMDC
 Posco Engineering & Construction Co.
 Private Affairs of Custodian of Holy Mosques

 Rabigh Refining and Petrochemical
 Radisson Blu Hotel
 Rakan
 Rotary Engineering
 Royal Commission Yanbu & Jubail
 RTCC

 SABIC
 Safari Co.
 SALEC
 Saleh Ali Hasan Hammouda
 SALMOC
 Samsung Engineering
 Sarco
 Saudi Airlines

Saudi Aramco
 Saudi Archirodon
 Saudi Binladin Group
 Saudi Constructioners
 Saudi Electricity Company-COA
 Saudi Electricity Company-EOA
 Saudi Electricity Company-WOA
 Saudi Oger
 Saudi Services Company (SSC)
 Saudi Services for Electro-Mech. Works
 Saudi Telecommunication Co. (STC)
 Saudi Technical Ltd.
 SBG-ABCD
 SBG-PBAD
 Sete Energy
 SICE
 Siemens
 SIPCHEM
 SITE Technology
 Sojitz
 SSEM
 STL Company
 Sumitomo
 SWCC

 Tacoma
 TASNEE
 Technical and Vocational Training Corp.
 Techno
 Transad

 Unistar

 Youssef Maroun Contracting Co. (YMC0)

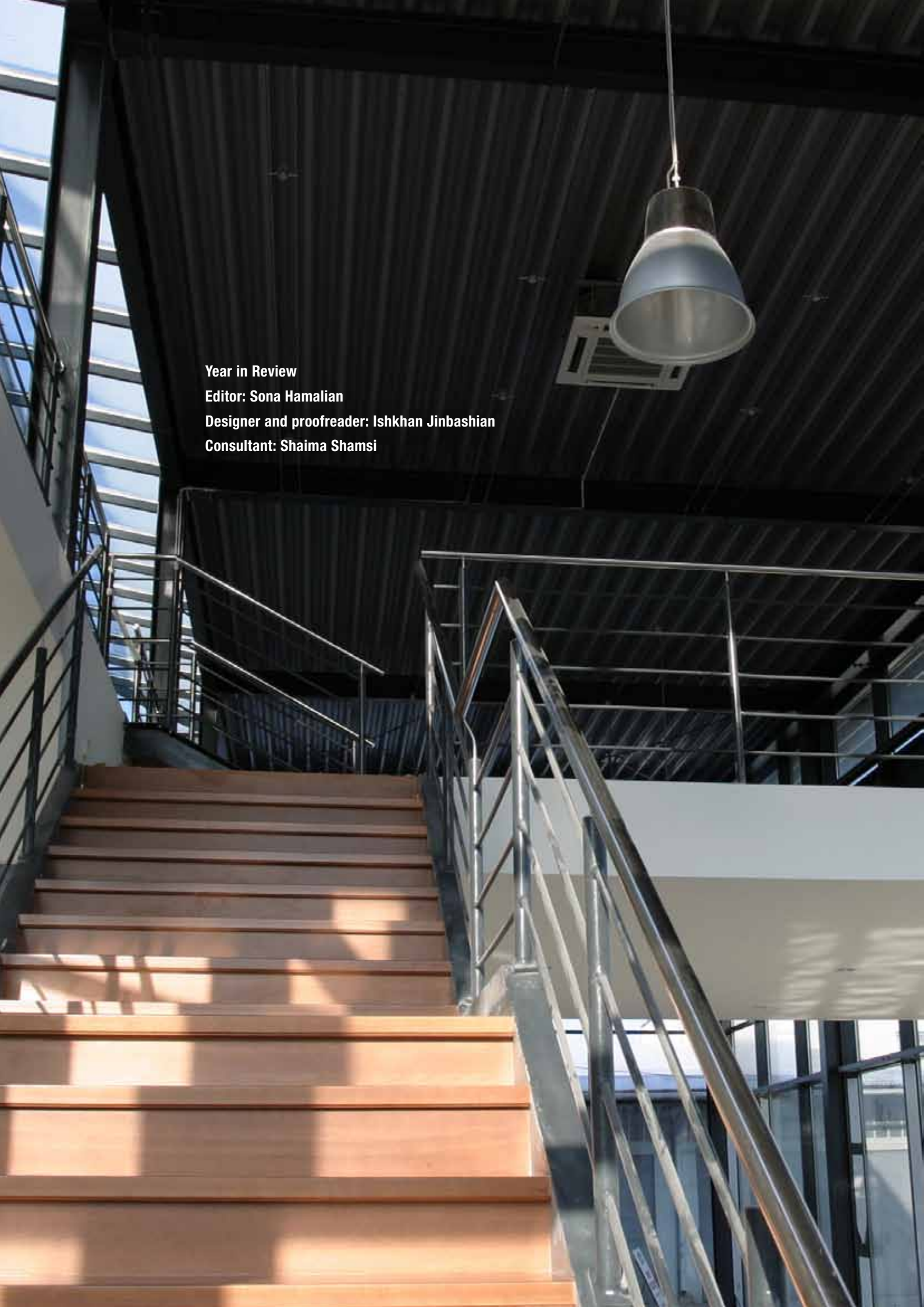
OUR STRATEGIC PARTNERS

Name	Country	Product
Axis	Sweden	CCTV
Bodet	France	Master clocks
Bosch	Germany	PAS
Chemguard/Ansul	USA	Foam systems for fire protection
Duran Audio (Harman)	Holland	Sound systems
ForeVision	Saudi Arabia	Car-plate recognition
GateKeeper	USA	Car license plate recognition and under-vehicle surveillance systems
G+M	Switzerland	PAS and MCS
Geutebruck	Germany	CCTV and alarm management
Interflex-TBS	Germany	Access control
Johnson Controls	USA	BMS
KABA	Germany	Access control
Kidde Fire Systems	USA	FM-200, CO2, Novec 1230 fire protection systems, kitchen hood systems
Leoni	Switzerland	Cables
Le-vi	Germany	Security, surveillance, access control, T&A, audio & video, and lighting systems
Marioff	Finland	Hi-Fog water mist systems
Maxxess	UK/US	Security management systems
National Foam	USA	Foam systems for fire protection
Neumann	Germany	Intercom systems
Notifier (Honeywell)	USA	Fire alarm/gas alarm systems
QSC	USA	PAS
UTC Fire & Security	USA/Holland	Fire alarm, CCTV, and ACS systems
Vicon	USA	CCTV



OUR SUPPLIERS

Name	Country	Product
Arecont Vision	USA	CCTV (IP)
Automatic Systems	Belgium	Physical security
Automation Displays, Inc.	USA	Fire protection systems
CAME	Italy	Gate entry components: road blockers, barriers, bollards
Cohu	USA	CCTV
Daetwyler	Switzerland	Cables
EST Edwards	Canada	Fire alarm systems
Fiber Instrument Sales	USA	Fiber optics
Fibernetix	Denmark	CCTV
Fracarro	Italy	TVS
GE/UTC	USA	CCTV and ACS
Genetec	Canada	Security systems
Giacomini	Italy	Fire protection systems
Global System Technology	UAE	Fire protection systems
Guardian	Saudi Arabia	Road blockers and sliding gates
HD Fire Protect Pvt.	India	Fire protection systems
Kennedy/Muller	USA	Gate valves
Legrand	France	Enclosures
Lenel	USA	CCTV and ACS
Milestone	USA	CCTV
Mircom	Canada	Fire alarm/gas alarm systems
Moba Time	Switzerland	Master clock systems
Morex	USA	Fire protection systems
Nanodems	Turkey	Integrated security mgmt. software
NLSS	USA	CCTV
ONSSI	USA	CCTV
Pelco	USA	CCTV
Remsdaq	UK	Security systems
Retrotec	Canada	Room integrity systems for fire protection
Riello	Italy	UPS
Sauter Controls	Switzerland	BMS
Siemens	Germany, Switzerland	BMS
Spectrex/Detronics	USA	Flame detectors
Stratech	Singapore	Security Systems
Tyco/Ansul	USA	Fire protection systems
Viking	USA	Fire protection systems
William Eagle	UK	Fire protection systems



Year in Review

Editor: Sona Hamalian

Designer and proofreader: Ishkhan Jinbashian

Consultant: Shaima Shamsi



SALEM AGENCIES AND SERVICES

شركة سالم للتوكيلات والخدمات

JEDDAH
P.O. Box 9270
Jeddah 21413
Kingdom of Saudi Arabia
TEL 966-12-665-4616
FAX 966-12-660-7864
sas@sas-se.com

RIYADH
P.O. Box 92831
Riyadh 11663
Kingdom of Saudi Arabia
TEL 966-11-4640927
FAX 966-11-4640759
sasryd@sas-se.com

AL KHOBAR
P.O. Box 1674
Al Khobar 31952
Kingdom of Saudi Arabia
TEL 966-13-8676641/6642
FAX 966-13-8676858
saskhobar@sas-se.com

JUBAIL
Office #10, Star Towers
King Faisal Street West
Jubail Town 31951
Kingdom of Saudi Arabia
TEL/FAX 966-13-3627157
sasjubail@sas-se.com

MADINAH
P.O. Box 1462
Sultanah Street, As Salam Center
Madinah 41431
Kingdom of Saudi Arabia
TEL 966-14-8151659
FAX 966-14-8151525
sasmad@sas-se.com

QATAR
Al-Sadd, near Qtel,
Retaj Building, 3rd Floor
C310 Doha, Qatar
TEL 00974 4016211
FAX 00974 40162106
sasqatar@sas-se.com