CONNECT

البحري والمزروعي
Bahri & Mazroei

A Quarterly Publication from the Bahri & Mazroei Group

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Presenting Home Automation Solutions from ELKO

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Synergy:
The Power of Working Together. Bahri & Mazroei celebrates togetherness

The key to most of your business needs

The Bahri & Mazroei Group is one of UAE's largest providers of value-added solutions and systems for buildings and infrastructure projects. The Group's flagship company B**ahri & Mazroei Trading Company (BMTC)**, established in 1968, has become a trusted name for supply and distribution of electrical, lighting and water systems.

Bahri & Mazroei Technical Systems (BMTS) focuses on the supply, installation, integration, testing, commissioning and maintenance of the Life Safety, Building Management Security, Audio Visual, Home Automation and other Low Voltage solutions.

Telematics Networking and Communications, the third component within the Group, was established in 1987 and inducted into the Group in 2011, is a market leader in the Information and Communication Technology Center. Telematics have a regional presence with offices in Qatar, Oman and KSA.

The Group's products and solutions have found their way into most of the region's biggest landmarks that include – BurjKhalifa, Dubai Metro, Dubai International Airport, Al Maktoum International Airport-Jebel Ali, Madinat Jumeirah Resort, Dubai Mall, Mirdif City Center, Emirates Hotel & Towers, Dubai Airport Tunnel, Palm Jumeirah, Aldar Headquarters, Central Market Re-development, Sheikh Zayed Grand Mosque, Shams Gate, Sowwah Square, Sheikh Zayed Tunnel, Sheikh Khalifa Hospital, Fujairah City Center, Grand Hyatt Doha, The Muscat International Airport, New Doha International Airport, King Abdullah Financial City, to name a few.

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Hello & Welcome

Most of you might recall that **CONNECT** was a regular publication from Bahri & Mazroei Technical Systems Co. LLC for some time. It provided an insight into happenings within the BMTS organization and dealt with trends in the industry. We believe that the last issue of **CONNECT** to come out in the post was sometime in 2013. Much water has flown under the bridge since then and we are now a group of three companies offering a wide spectrum of solutions including Electrical | Lighting | Water | Life Safety | Security and CCTV | Building Management Systems | Audio Visual Solutions | Automation Solutions | Wired and Wireless Solutions and ICT Technology.

We have since acquired Telematics Networking & Communications LLC - a leading solutions provider in the ICT Technology space; won the DALI Application Award for the Trust Tower Project in Abu Dhabi; launched several initiatives including Industrial Automation Solutions to name a few. In short there are a number of things that we would want to share with you.

With this in mind, we are re-launching **CONNECT** in a whole new look. This time we are restricting ourselves to happenings within BMTS but want to show off the bigger picture. We do not want to straight jacket ourselves with new on projects that we service but want to talk about industry trends.

And more than anything else, we want to go the eco-friendly route which means that we are going digital and straight into your email inbox.

We hope you will enjoy reading the new look **CONNECT** in its digital format and will come back to us with feedback for improvement.

Happy reading.

Esam R. Al Mazroei

Managing Director - Bahri & Mazroei

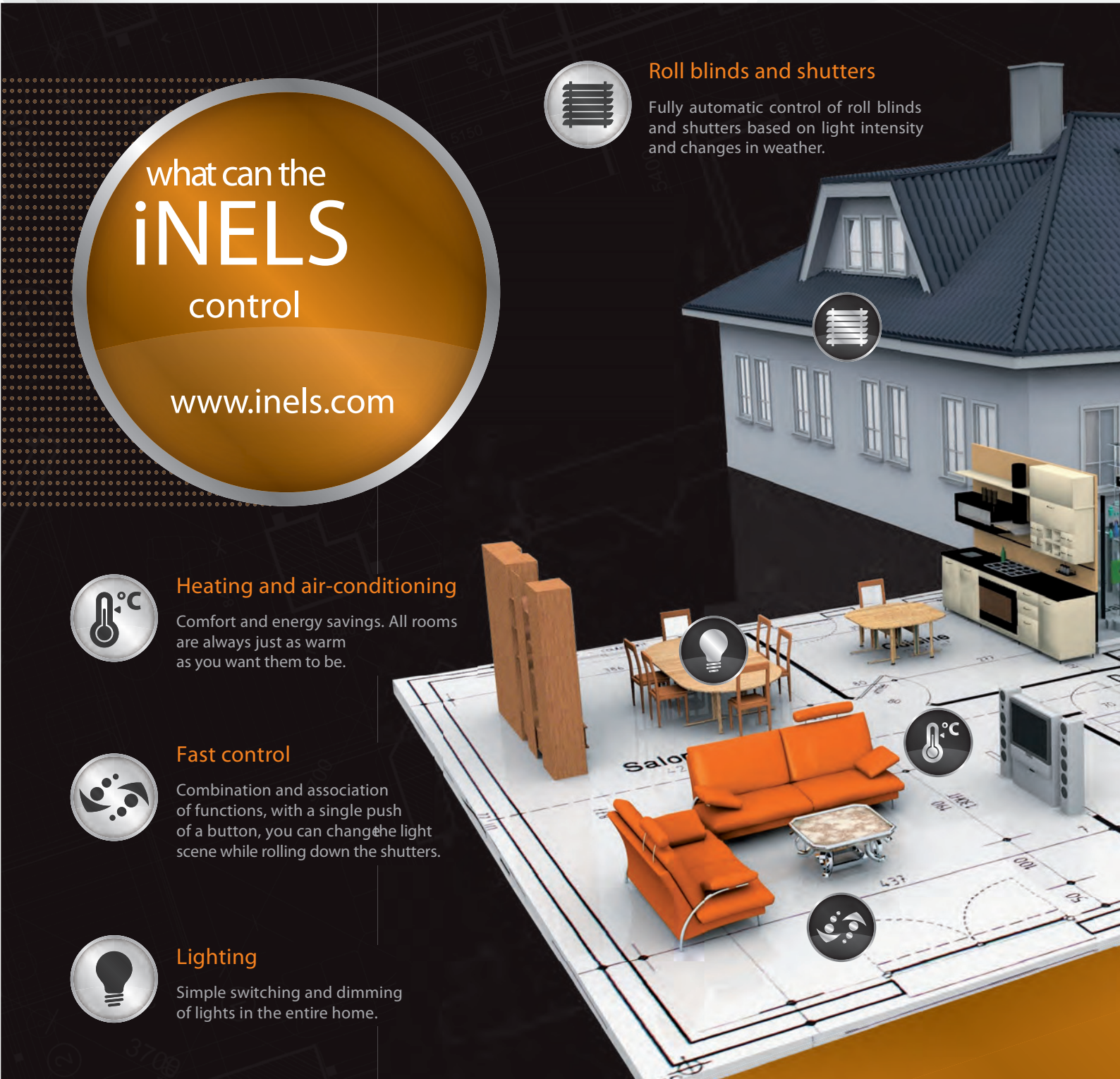
Bahri & Mazroei wishes to acknowledge with thanks contributions from:
ELKO | Trilux | Commscope | Gent by Honeywell and PELCO by Schneider

Smart Living - Presenting Home Automation Solutions from ELKO

A smart home, or smart house, is a home that incorporates advanced automation systems to provide the inhabitants with sophisticated monitoring and control over the building's functions. For example a smart home may control lighting, temperature, multi-media, security, window and door operations, as well as many other functions.

In 2003 the UK Department of Trade and Industry (DTI) came up with the following definition for a smart home:
"A dwelling incorporating a communications network that connects the key electrical appliances and services, and allows them to be remotely controlled, monitored or accessed."

Smart homes use 'home automation' technologies to provide home owners with 'intelligent' feedback and information by monitoring many aspects of a home. For example, a smart home's refrigerator may be able to catalogue its contents, suggest menus, recommend healthy alternatives, and order replacements as food is used up. A smart home might even take care of feeding the cat and watering the plants.
Many new homes are being built with the additional wiring and controls which are required to run advanced home automation systems. Retro-fitting (adding smart home technologies to an existing property) a



house to make it a smart home is obviously significantly more costly than adding the required technologies to a new home due to the complications of routing wires and placing sensors in appropriate places.

The range of different smart home technologies available is expanding rapidly along with developments in computer controls and sensors. This has inevitably led to compatibility issues and there is therefore a drive to standardise home automation technologies and protocols. In Europe, Installation Bus, or Instabus is becoming a recognised smart home technology protocol for digital communication between smart devices. It consists of a two-wire bus line that is installed along with normal electrical wiring. Instabus lines links appliances to a decentralised communication system and functions like a telephone line over which appliances can be controlled. The European Installation Bus Association is part of Konnex, an association that aims to standardise home and building networks in Europe.

Regardless of the technology, smart homes present some very exciting opportunities to change the way we live and work, and to reduce energy consumption at the same time. Imagine being able to check messages, open windows, operate lights and curtains and monitor how much money your house has made you from your renewable energy system, through your smart phone, from anywhere in the world! Home automation technology has developed so far that the only limit is your imagination.

Bahri & Mazroei Technical Systems Co. LLC is the authorised distributor for ELKO products for the United Arab Emirates. For further information on how we can help, please contact us at:

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The office of the future

How lighting is changing to accomodate the working habits of a whole new generation.

A generation of digital natives is arriving in the workplace with new office needs. We need new lighting too, writes Sabine Brunner of the Trilux Group

Office culture is changing. As a generation of digital natives arrives in the workplace, having grown up with smartphones and tablets, offices have had to adapt to provide the right working conditions for them.

The biggest trend is the open office landscape, which demands new lighting ideas. As well as technical analysis, lighting designers must take an empathic, holistic and individual approach to properly support architecture and create a good working environment.

Digitalisation has not only changed the way workers behave and interact socially, it has also disrupted work structures in offices. The classic office layout with territorial work areas is being replaced by flexible structures that are optimised for working with mobile devices. At the same time, offices allow more informal methods of communication and more relaxed surroundings.

Modern office layouts are open, with a range of zones for different activities. Lounge areas play a key role, letting employees retreat with their laptop or tablet to develop creative concepts. Just as beneficial to creativity are areas for informal discussions among colleagues. Team zones have replaced the former cell-based office areas. Those who need to concentrate to solve a task, or perhaps make a telephone call, can go to a quiet room.

The complex structure of future offices will demand a new kind of lighting. Just differentiating between general lighting and individual workstation lighting will no longer be enough. Three basics are essential for the illumination of buildings: the aesthetic aspirations of the architect, ergonomics and energy efficiency. Ambitious lighting concepts for complex structures can balance these requirements with construction considerations and workers' needs. Applying this approach, an innovative lighting solution

Above: The sides of these pendants emit general light, the downward component illuminates the stairs.

was implemented at the Centre for Visual Engineering ZVE, a new building on the campus of the Fraunhofer Association in Stuttgart, Germany. The office building complex, planned by UNStudio, is described by owner Ben van Berkel as a reflection of the latest concepts for integrative and sustainable planning. The lighting concept reflects these parameters to respond directly to the architecture.

The lighting serves to identify the various zones in the open, technically innovative structure. General and accent lighting of the building structures create a balance between internal areas, such as offices and laboratories, and public areas. The stairs in the central atrium, connects the five storeys in a curved, flowing design, and is lit by safe step lighting and given a central focus with a light installation.

Design was limited by fixed light outlets and sprinkler systems, concrete walls and ceilings, and installation points for acoustic baffles, so various alternative solutions were drawn up. A precondition for this was an understanding of the complexity of the building. Only with a detailed analysis of the interior structure did the challenge become

clear.

Indoor lighting

The UNStudio and Fraunhofer project team specified a radial lighting installation with suspended task luminaires in a striking arrangement. These ensure a sufficiently illuminated working environment thanks to direct and indirect light distribution from highpower LEDs. Energy consumption is low thanks to daylight-dependent control and presence detection.

General lighting for the entrance area and the office areas in the core of the building was implemented using surface-mounted LED luminaires on the ceiling. The indirect light emission creates a decorative element, and the arrangement of luminaires in series contributes to way finding.

Employees in the lounge areas can control the coloured light from RGB luminaires. The fenestrated atrium in the roof area was a challenge that reflected the complex construction of the arabesque staircase, because it placed multiple demands on the lighting – light for seeing, light for viewing and safe step lighting were all needed.

At the same time the architects specified a 'swarm' lighting installation that should symbolise the intelligence and accumulated knowledge of the group. A bespoke LED construction with two photometric components was devised. Cylindrical, suspended, frosted glass luminaires in two sizes are grouped above the steps in the form of striking light sculptures, emitting diffuse light that attracts attention and provides general lighting Vertical light from the lower section of the luminaire provides safe illumination of the stairway steps. The project is an example of how offices may look in the future, using innovative lighting to support the architectural ambience, promote positive emotions in employees, contribute to greater motivation, concentration and performance capability, and achieve high efficiency. The scheme is also efficient because of the intelligent light management systems that incorporate daylight and presence-dependent control functions.

About Trilux:
The TRILUX Group is a family-managed company with headquarters in Arnsberg in the Sauerland region of Germany. Trilux specialises in lighting technology and is one of the biggest names in the lighting industry.

BIG TRENDS IN OFFICES

1. OPEN OFFICES
The classic layout with fixed work areas is being replaced by flexible structures that are more suited to work with mobile devices.

2 WORKSTATION MOBILITY
Moveable seating creates flexibility and encourages co-operation. Workers can hold meetings standing up at height-adjustable tables

3 GREEN AREAS
Plants and walls with vertical gardens bring nature indoors, to create an atmosphere that promotes productivity.

4 SOCIAL COMMUNICATION
Communal meals and breaks are communication opportunities. Future offices will put more value on kitchens and eating areas.

5 COLOUR DESIGN
Research shows that certain colours such as blue, green and red promote productivity, whereas others lead to premature fatigue

The key to success in 2015 - Efficiency.

Morgan Kurk Sr. VP and Wireless Segment Leader at CommScope explains why efficiency is key to success in 2015.

Morgan Kurk serves as the senior vice president and Wireless segment leader at CommScope. Morgan has more than 20 years of experience in the wireless industry. In 2009 he joined CommScope as the senior vice president of the Enterprise Intelligent Building business unit. Morgan holds a BSEE from Brown University, an MSEE from The University of Michigan, and an MBA from the Kellogg School of Management at Northwestern University.

Wireless network operators are under increasing pressure to provide more capacity, coverage and quality without increasing end user price. The key to success in 2015 is efficiency. I expect operators will continue to modernize their networks and upgrade to LTE while discussing more efficient future architectures. They will further increase capacity in their networks through cell splitting, the creation of a metro layer and continued focus on deploying the indoor coverage layer. Where there is quality, there is capacity. Here's a summary of the key trends and big issues I anticipate operators will be facing in 2015:

Network Modernization Continues to Be Critical

LTE is the latest evolution of commercial cellular systems and boasts the greatest spectral efficiency yet. Efficiency improvements, however, are not limited to spectrum, but also to the ecosystem as a whole. To service customers with more data for the same price, each and every portion of the infrastructure will be evaluated, negotiated, calculated and optimized—from the core network to the remote towers at the end of the radio access network (RAN), from power consumption to the amount of space used at a cell site and the time it takes to acquire a site. When operators modernize their networks, they look to do so across all aspects of their ecosystem.

Cloud Architectures Will be Debated and Discussed

In the pursuit of efficiency, there are both near and far term dimensions. One of the

biggest long term benefits may come from Cloud RAN (C-RAN) or Network Functions Virtualization (NFV), as it is also known. C-RAN is an architecture that starts with applications and data being hosted in data centers on traditional, standard IT equipment. Some of this architecture may be in mega data centers and some may be located closer to the user for latency reasons.

Efficiency comes from the utilization of off-the-shelf, standardized hardware and the virtualization of software. Depending on how far virtualization is pushed into the network, some if not all of the call processing can be moved away from today's special purpose-made hardware. This change in equipment as it gets further in the RAN out toward the tower, subsuming the current eNode-B, will drive fewer products at the bottom of the tower and more integration at the top of the tower, thus creating gains in space and power efficiency.

Spectral Reuse Still Matters

Improving spectrum usage is not limited to changes in standards, for example, the evolution to LTE. Efficiently improving your spectrum usage is also key to a long term, successful network. Capacity on a cellular network comes from the reuse of spectrum, not just its efficient use. Spectrum is reused through sector splitting or adding more cell sites. A sector split has long been considered the most cost-effective way to add capacity. Initial cellular systems were all omni-sector, but when capacity was needed many split into 3-sector sites. Sites that require additional capacity in 3G and 4G networks are now being split into six sectors. High density, special purpose solutions can include antennas that have up to 27 beams (or sectors) at a single site.

The Metro Layer Matters More

Another way to add capacity and one that continues to gain popularity is the creation of a metro layer. These are new cells that are lower to the ground, placed not for initial coverage but rather to add capacity to the system. Metro cells require new site acquisition, backhaul and power and are more expensive on a per user served basis. For efficiency's sake, it is critical to make mounting cellular infrastructure easier and more cost effective. Utilizing existing street poles and furniture is of significant help in addressing metro layer deployment challenges.

Indoor Is Increasingly Important

There is also indoor coverage to consider. This new layer of coverage adds massive capacity very close to the user and is under an enormous change in both architecture and efficiency. Consider that indoor distributed antenna systems (DAS) were used simply to provide coverage not too long ago. But with 80 percent of all traffic on cellular systems occurring indoors, DAS are capacity enhancement vehicles today. As you move to smaller and smaller cell radiuses, you gain in capacity and in quantity. New DAS systems automate much of what was done by skilled technicians in the past, new interfaces conserve energy and cost, and new methodologies enable maintenance and operations by a much larger group of people.

Quality Is the Key to Capacity

Simplification helps create network quality. As architectures have changed and evolved through the various generations, they have consistently been simplified. The same theme that has been applied to the core is being applied to the RAN portion of the network. From the use of multi-band, multi-technology antennas and remote radio units to innovations in connectivity, the RAN is being improved and optimized for capacity. Simplifying the RAN extends to improving deployment, where innovations in equipment have led to easier and higher quality installations that in turn lead to increases in capacity.

As the middle of the decade, 2015 marks the general acceptance milestone for 4G LTE, meaning the point in the technology evolution when LTE handsets and networks have become stable, generally available and cost effective. Although not all network operators have implemented LTE, most have plans in place or are under construction. Like previous years, 2015 will be marked by

continued and accelerating increases in data usage. Unlike the past, it will likely occur without rising end user prices, promising increased scrutiny on network efficiency.

CommScope Inc. is a multinational telecommunications company based in Hickory, North Carolina, United States. CommScope manufactures SYSTIMAX and Uniprise brands of Enterprise infrastructure of copper Unshielded Twisted Pair cabling, connector panels, jacks and fiber optic cabling, connector panels, racking and metals.

Telematics is the authorised distributor for Commscope products in the UAE. For further information please contact us at:

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EN54-23 - Complications and Compliance

The fire industry may be used to being governed by a multitude of standards across the whole sector, however the introduction of EN54-23 was different as it presented a range of issues for manufacturers, installers, engineers and designers of FD&A systems. In particular, manufacturers of any FD&A solutions that used VADs, such as Gent, had to subsequently design and produce a range of products that were able to meet all of the specific requirements.

Despite the challenges, there is no doubting the relevance of this standard, as previously the effectiveness of a VAD could not be determined. Now, all manufacturers have to present their products' performance data in exactly the same way, so they can be measured in a uniform manner, and their suitability assessed for specific applications.

As ever, the industry has pulled together and the response has seen a host of new devices launch to the market, that either meet or exceed the requirements of EN54-23. Gone is the complexity and confusion, customers can now choose new VAD products knowing they will fully comply with all of the latest requirements

Mark Hunter, Business Manager, Gent by Honeywell

Gent is a leading solutions provider to the Life Safety industry and a member of the Honeywell group.

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Introducing Evolution Mini Indoor Cameras from PELCO

The Evolution Mini Indoor Camera is a compact and affordable entry-level IP panoramic camera that delivers the same image quality and performance as the Evolution 360° cameras, with nearly all of the same great features. The Evolution Mini has a 5-megapixel sensor and no moving parts. The small unit is designed for quick and easy installations indoors where a professional light weight small indoor enclosure is required. The Evolution Mini Indoor Camera is a convenient surface-mounting enclosure that fully supports IEEE802.3af Class 2 Power-over-Ethernet for installation convenience.

The Evolution Mini Camera provides total situational awareness over a 360-degree field of view, generating a number of video streams at a choice of resolutions at up to 30fps as well as configurable privacy zones and video motion detection within defined areas of interest. The Evolution Mini Indoor Camera is suitable for ceiling, wall or table mounted applications and provides pleasing aesthetics in white finish with a diameter of only 108mm.

Features:

- Compact diameter 108mm (4 ¼")
- 5MP 1/2.5 CMOS sensor
- H.264 / MJPEG Multistream
- 0.2 lux
- POE or 12VDC
- Ceiling / Wall / Table mount
- Compatible with Oncam Grandeye 3D dewarping software
- Client-side dewarping on Pelco Digital Sentry and other compatible VMS platforms
- ONVIF Profile S Compliant

Pelco is a leading security solutions provider and part of the Schneider group of companies

Bahri & Mazroei Technical Systems Co. LLC is the authorised distributor for PELCO products for the United Aran Emirates. For further information please contact us at:

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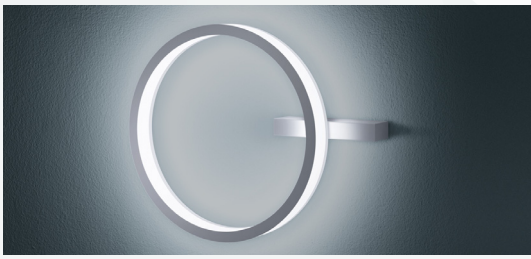
Introducing Polaron IQ LED from TRILUX

Light and Luminaire Design perfectly matched

The basic element of the Polaron IQ LED family is afiligree, round light profile supplying maximum planning flexibility. Its diversity enables countless combinations in the series. Maximum design flexibility is achieved thanks to two different ring sizes & light emissions, as well as the option of emitting direct and lateral light according to requirements. The filigree, perfectly proportioned ring blends harmoniously into the interior design. Product design that is noticeable and yet timeless.



For further information on the TRILUX range of Lighting Solutions, please contact us at

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RTA recognized by Belgian Government for adopting sustainable lighting solutions

The Roads and Transport Authority (RTA) in Dubai has been honoured by the Belgian Government for implementing sustainable solutions for key road and tunnel lighting projects in the emirate. A high level delegation led by HRH Princess Astrid of Belgium, met with top officials of the RTA and presented a sustainable project recognition plaque to Mr. Abdul Mohsin Ibrahim, CEO for Strategy and Corporate Governance at the RTA, for a green makeover of the Jumeirah Corniche redevelopment project.

Belgium-based global lighting solutions provider Schreder, in association with Bahri & Mazroei Trading Company (BMTC), the regions' leading provider of solutions for building and infra-development segments, have been providing the RTA with sustainable street lighting and tunnel solutions for various projects. The lighting system installed along the Jumeirah Jogging Track project consumes 50 per cent less power than conventional lamps and ensures less carbon dioxide emissions, reduced operational cost and no use of high pressure sodium and CMH lamps.

Upon receiving the honour, Mr. Abdul Mohsin Ibrahim, CEO for Strategy and Corporate Governance at the RTA, said, "We are proud and delighted for being honoured by the Belgian delegation, led by HRH Princess Astrid, for incorporating sustainable lighting solutions into the 14-kilometre long Jumeirah Jogging Track project. The RTA has undertaken several innovative street lighting and tunnel projects with sustainable solutions that boosted the global profile of Dubai. The key goals of the RTA for the 2014 – 2018 period includes several safety, environmental sustainability and asset sustainability initiatives that are aimed at realising the strategy of creating a smart and integrated Dubai. The Authority is currently undertaking road transportation projects necessary for hosting Expo 2020."

Speaking on the occasion, Mr. Esam Al Mazroei, Managing Director of BMTC, said, "We have been a major associate of the RTA since its establishment in 2005. BMTC has worked with the RTA to develop street lighting and tunnel lighting solutions of global standards. The use of LED lights in the Jumeirah Jogging Track project ensures many benefits in the form of better colour rendering, less power consumption, and aesthetic appearance, while reflecting Dubai's vision of innovation in design, creativity, smart multifunction options and enhanced visitor experience. The smart column has multiple lighting configurations and additional features suitable for different user needs in the modern urban space."

The RTA provides an effective and integrated transport system, which is capable of achieving Dubai's vision and serving the vital interests of the emirate. In order to achieve this goal, the RTA is focusing on improving the efficiency of the public transport system with continued development of roads and transportation facilities. The Authority has developed comprehensive technological governance processes to ensure the integrity and safety of its systems and realign them with its strategy.

Mr. Abdul Mohsin Ibrahim, CEO for Strategy and Corporate Governance at the RTA receives a sustainable project recognition plaque from HE Didier Reynders, Federal Deputy Prime Minister of Belgium and Minister of Foreign Affairs and European Affairs

Bahri & Mazroei Trading Co. LLC driving energy saving initiatives.

Esam Al Mazroei receives a Certificate of Appreciation from Ministry of Public Affairs for their contribution to energy saving initiatives in the UAE.

Bahri & Mazroei Trading Co. LLC were felicitated by the Ministry of Public Works for their several path breaking energy saving initiatives at a glittering function held in Dubai recently. Esam Al Mazroei speaking on the occassion commented that solutions within the group have helped reduce energy consumption without compromising on the comfort of the individual.

Synergy and the power of working together.

The Management and senior members of the Bahri & Mazroei organization pose for a group photograph at the recently concluded Synergy - Power Working Together program

Bahri & Mazroei Group, recently organised their corporate annual day celebrations at the Crowne Plaza Hotel, Deira, Dubai. The celebration included a fashion show with the theme 'Unity in Diversity'; music and dance performances, a magic show and culminated in a prize distribution ceremony honoring long-serving employees.

The event was presided over by Mr. Rashid Al Mazroei, Chairman of Bahri & Mazroei Group, in the presence of the Group Managing Director Mr. Esam R. Al Mazroei, Executive Director Mr. Abdulla Al Suwaidi, and other senior members of the management team. More than 650 employees of the Group participated in the event.

Commenting on the event, Mr. Esam R. Al Mazroei, said: "We conducted the annual corporate day event that aimed at engaging our employees. We see this initiative as an important medium to promote a positive attributes amongst them. The team has taken this initiative very seriously and we look forward to an even improved performance in the 2015. We believe this initiative will help reinforce a feeling of camaraderie among all employees which is a key aspect to our strategy as a group."

BMTC's senior Procurement & Logistics Manager Mrs. Sobey Thomson, who has been working for the company for over 20 years, remarks that she is proud to work for the Group, which is synonymous with quality and performance. "The company cares about its people and is committed to the success of its employees. The company's rich heritage and core values are engrained throughout the organisation and are evident in every employee that represents them. Bahri & Mazroei truly cares about their employees unlike any other. I have a sincere sense of pride when I tell others, 'I work for Bahri & Mazroei'," she added.

Senior Manager Mr. Reghu Raja Mohan, said, "I am very proud to be part of such a respected and successful organisation as Bahri & Mazroei. There are many reasons why I am proud to work at this company. I have learned and grown personally and professionally by working for a company whose employees have a diverse background of cultures and knowledge. What I appreciate at Bahri & Mazroei is the genuine caring about people and the diversity of the people the company hires."

The Group owns and operates three companies under its corporate umbrella. The flagship company Bahri & Mazroei Trading Company (BMTC) is the trading vertical that caters to the construction sector with solutions in the areas of electrical, lighting and water systems. The vertical Bahri & Mazroei Technical Systems (BMTS) implements a range of innovative and smart solutions for monitoring and controlling numerous building in the UAE and beyond. Telematics is the third vertical within the Group and a leader in ICT solutions.

The Group recently became one of the first companies in the Gulf region to win the prestigious international DALI Award for its sustainable solutions in the 382-high Burj Mohammad Bin Rashid (aka Trust Tower) in Abu Dhabi.

BMTC has implemented energy saving lighting solutions for the Ministry of Public Works. The company is also the proud recipient of The Gulf Traffic Award for Innovation in Infrastructure in 2011 for the innovative tunnel lighting solutions of the Nad Al Hammar Tunnel project. BMTC's efforts at promoting green technology also won the Lighting Project of the Year Award at the 2013 edition of the Middle East Electricity for Tasheel Offices in Manara District, Dubai.

Synergy was the Bahri & Mazroei annual event and was held at the Crowne Plaza Muraqabbat - Dubai

Case Study

Hotel & Leisure

Rosewood Hotel - Abu Dhabi

Client:
Mubadala Development Co.

Project Management:
EC Harris

Main Contractor:
Arabian Construction Co

MEP Contractor:
Drake & Scull

ELV Sub-Contractor:
Telematics Networking & Communications LLC

Scope of Works:
Supply | Installation | Testing and Commissioning of the following sub-systems:

- IT Passive Infrastructure
- Surveillance System
- Access Security System
- Car Park Access Control System
- Audio Visual System

Project Description:
Rosewood Abu Dhabi is a luxury business hotel situated on Al Maryah Island at the heart of the city's new Central Business District (CBD) offering views of the Gulf and the Abu Dhabi skyline. Fully owned by Mubadala, the hotel will be managed by Rosewood Hotels & Resorts. Directly connecting Sowwah Square, Rosewood Abu Dhabi features 189 spacious rooms and suites, 58 serviced apartments, 73 apartments and 4 penthouses in a 34-story tower, designed by Handel Architects, and interiors designed by award-winning New York design company BBG-BBGM.

Why Telematics:
Successful track record with major hotel and leisure projects including Burj Al Arab | Madinat Jumeriah | Park Hyatt and Movenpick.

Key Challenges:

- System design and delivery had to accomodate changes in governing authority regulations.
- Co-ordination between various stake holders involved in the project

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