



www.edgetechnicalsolutions.com



EDGE
Technical Solutions L.L.C





Our Project Highlights:

- Hanover Square, Dubai
- Carrefour, Dubai
- ACICO Business Park, Dubai
- Radisson Fujairah Resort & Spa
- Zayed University, Dubai
- Somewhere Hotel, Dubai
- Royal Amwaj Spa, Dubai
- Al Jalila Hospital, Dubai
- Al Wasl Buildings, Dubai
- Kandahar Library, Afghanistan
- Data Centers, Pakistan
- SEWA Power Station, Sharjah
- 10 Staff Accom. Bldg. DWC, Dubai
- CMW, Warsan, Dubai
- Oasis Mall, Bahrain
- Ministry of Public Works, Sharjah
- Four Points Sheraton, Sharjah
- Le Meridien, Abu Dhabi
- Zayed Military, Abu Dhabi
- Anantara Spa - Palm Jumeirah, Dubai
- Al Malki Head Quarters, Qatar
- Palm Jumeirah Marina Residence, Dubai
- Horizon School, Dubai
- Social Care Village, Umm Al Quwain
- DEWA Substation, Dubai
- Hilton, Abu Dhabi
- 5 Luxury Buildings in Exhibitions City, Dubai
- Sultan Qaboos University, Oman
- ADNOC, Fujairah
- Citygate Tower, Sharjah
- Tabuk Air Base, KSA
- Dubai Customs

Edge Technical Solutions specializes in low voltage including Fire Alarm, Smoke Ventilation, Emergency Lighting Systems, Lighting Controls, Dimming Systems, Integrated Building Management System & Guest Room Management Systems. We offer full service to its customers from consulting, design, installation and commissioning as well as servicing of those systems. We have grown with the aim of providing integrated solutions for building automation & fire safety and security systems.

With over 10 years of expertise, Edge Technical Solutions is a growing leader in building automation and as a low current systems integrator.

We represent numerous reputed manufacturers across the Globe who are well known and respected in their individual fields for the quality and reliability of their products. This coupled with our own Technical staff executing projects to International Standards, has earned the Company an excellent reputation over the past years.

All our products are LPCB, TUV, Vds, UL or BSI Kitemark approved. We are also an A+ Certified company for providing Installation & Maintenance services in Dubai.



Our Mission

"To maintain a leadership position in providing Integrated Solutions to building automation, fire, safety & security systems providing customer focus with Quality, Service & Safety".



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Our Products are listed with



Civil Defense General Directorate

Abu Dhabi | Dubai | Sharjah | Ajman | RAK | Fujairah | UAQ



SAUDI ARABIA



KUWAIT



QATAR



OMAN



BAHRAIN

Civil Defense

Our Principals are:



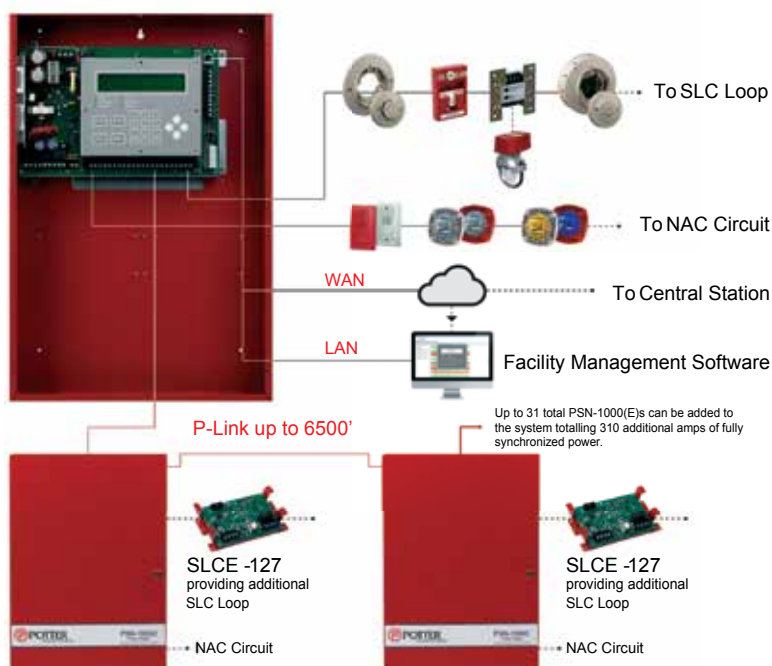


EDGE Technical Solutions is the agent in the Middle East and Africa for POTTER fire alarm systems which includes both Conventional & Addressable Fire Alarm system solutions. Innovative and market leading designs ensure that POTTER Signal Fire Alarm system always provide cost-effective and reliable solutions to a wide range of fire detection applications.

The new IPA range includes the following key advantages

- Ranges from 60 to 4064 Addressable Devices on One panel
- Ethernet connectivity to receive / send Emails
- Loop Card Portability reducing Cabling Cost
- DIP switch addressing for easier maintenance
- 5 Years warranty
- UL listed
- Made in USA

Systems Schematic



E-mails can be sent directly to the panel for status updates or to download configuration files.



Ethernet connection allows for programming from a standalone or networked computer.

Supervisory Switches (OSYSU Series)

Water Flow Alarm Switches

- Non-Corrosive Saddle Bushing eliminates water to metal contact stopping the possibility of corrosion
- NEMA 4 solid metal enclosure
- 0-90 second field replaceable pneumatic retard
- 450 psi system pressure rated
- Available in Explosion Proof Models
- Listings: UL, cUL, FM, LPCB, CSFM, NYMEA, & CE



Pressure Switches (PS Series)

Pressure Type Waterflow Alarm/Supervisory Switch

- NEMA 4 solid metal enclosure
- Factory installed neoprene gasket
- Pressure range 4-15 psi
- 300 psi system pressure rated
- 1/2" male NPT fitting
- Available in Explosion Proof Models
- Listings: UL, cUL, CSFM, FM, LPC, NYMEA & CE



Conventional Releasing Control Panel (PFC-4410G3)

Multi-Hazard Capability

- Seven Programmable Class B Initiating Circuits
- Four Class B Output Circuits
- Supervised Microprocessor
- 4 x 20 LCD display with 37 system status LEDs



Supervisory Switches (OSYSU Series)

Outside Screw & Yoke Valve Supervisory Switch

- NEMA 6P (Submersible)
- Fits 1/2"-12" valves
- Installs on OS&Y valves in any position
- Available in Explosion Proof Models
- Listings: UL, cUL CSFM, FM, NYMEA & CE



POTTER Integrated Voice Evacuation System

The IPA-4000V is an enhanced version of the IPA-4000 addressable fire alarm system, now with voice integration. The panel features all preexisting fire highlights and shares new innovative voice functionalities to provide reliability and safety with the panel.



Integrated Voice Evacuation System

Features

- Supports single and dual channel applications
- Flexible programming
- Up to 2 hours of message storage
- Up to 255 customizable audio patterns
- Internal message library of predefined messages and tones
- Ability to record and import message files from a laptop
- Text-to-speech to translate custom text through a variety of natural and fluent sounding voices.
- Expandable up to 104 programmable push buttons for speaker and ECS assignment
- User push buttons for All Call and control.
- A supervised auxiliary input to interface with low-level audio sources
- Background Music
- Connect up to 31 SCA (single channel) or DCA (dual channel) amplifiers
- Interface with LOC-1000 (Local Operator Console) to control the system from remote areas.
- Optional Fire Fighters Telephone system
- All features of the IPA-4000 included
- Equipped with microphone
- UUKL Listed for Smoke Control

PotterNet & BacNet

The PotterNet Fire and Facility Supervising Station is a desktop application that facilitates the monitoring and control of IPA, AFC/ARC, PFC-4064 and BACnet/IP fire alarm control panels. It can connect up to 1000 Potter panels and monitor all compatible panels in a single building, local campus, or multiple sites worldwide using LAN/WAN/Internet. Native Ethernet networking connectivity with fire panels and client stations eliminates need for additional hardware, converters, gateways, or network interface cards.

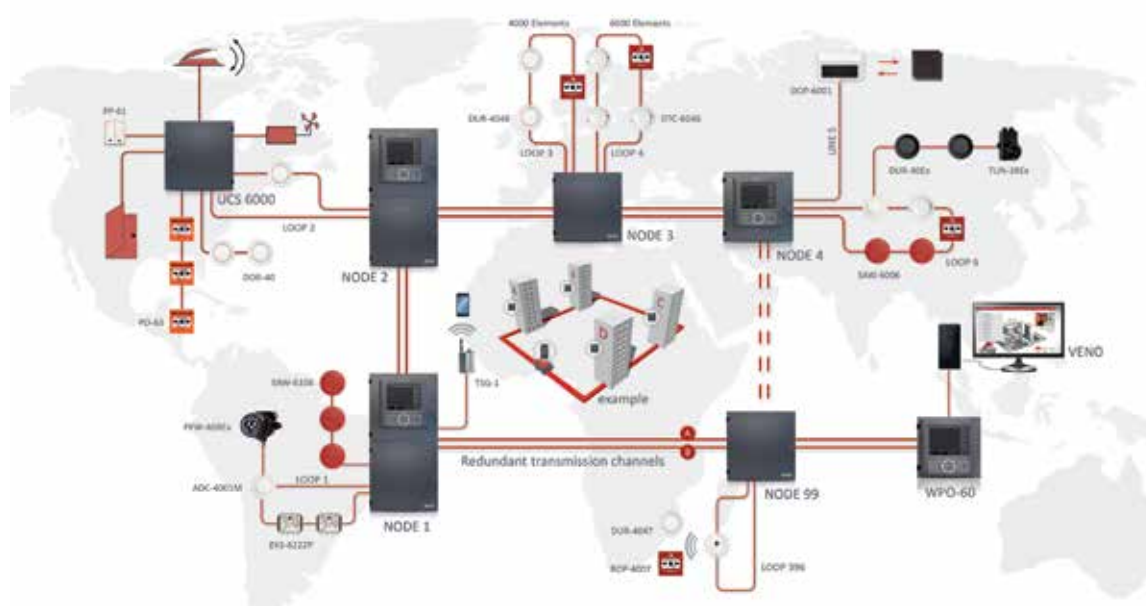
The BACnet Link enables up to 1000 compatible Potter fire panels to report to building management systems (BMS) using the BACnet over IP open protocol.





POLON-ALFA was formed in 1956 taking up the development and manufacture of equipment for measuring ionizing radiation. After several years of production, the profile was extended with a device for detecting and signaling fire. Production of complete fire alarm systems, which include control panel, detectors, manual call and accessories accounts for the major business of the company. POLON-ALFA is an ISO 9001 certified with all the products having CNBOP Poland Laboratory approvals.

POLON 6000 System Architecture



number of line modules or loop cards	198
number of addressable lines/loops	396

number of addressable elements installed	99000
number of line elements on one loop	250

POLON 4000 SYSTEM Addressable FAS for Small Size Facilities.

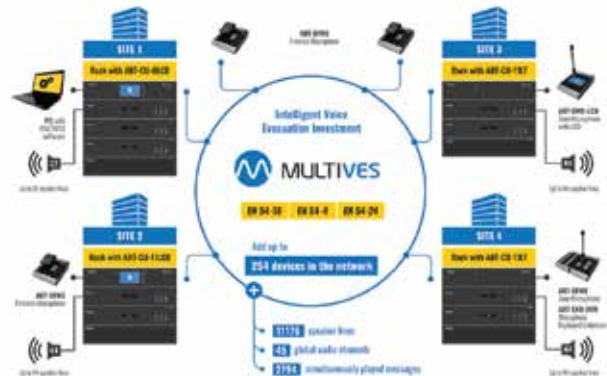


POLON 4000 control panels have redundant processors, devices with inbuilt isolators, sounders on the loop & can be networked upto 31 panels.

POLON 4000 range includes:

- POLON 4100: 2 loops with 64 addresses each
- POLON 4200: 4 loops with 64 addresses each
- POLON 4900: 4 loops with 127 addresses each
- POLON 4500: 4 loops with 127 addresses each (4 releasing zones)

PAVOX Public Address - Voice Alarm System



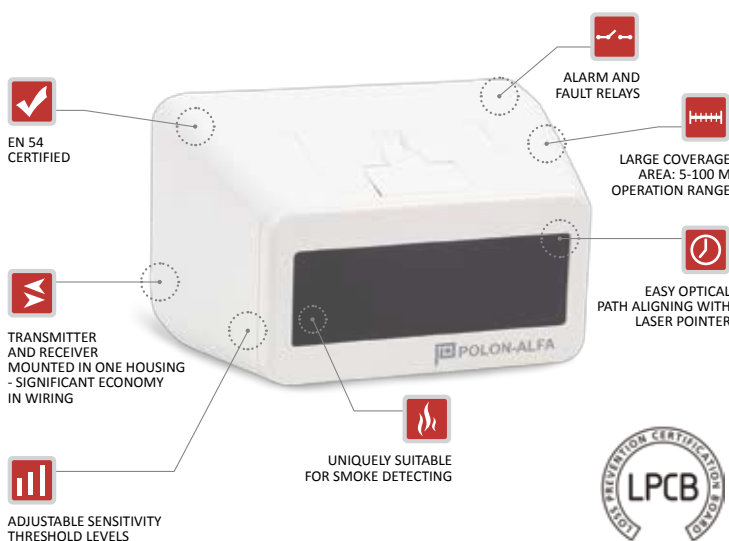
MULTIVES PAVA system is designed with a view to a possibility of its versatile application - it is extremely suitable for both decentralized and centralized systems. The architecture of this system is based on fibre optic Ethernet connections between control units and other elements of the system which allows for its application in structures, most extensive in terms of area and functionality such as air terminals, oil fields and refineries, commercial centers and office complexes.

Flammable and Toxic Gases Detection System

POLON-ALFA Manufactures addressable & autonomous gas detectors for detecting gases such as Carbon Monoxide, LPG & Natural Gas. The addressable Gas Detection control panel can connect upto 16 detectors on a line. The autonomous gas detectors are provided with 3 alarm thresholds & a 10 year sensor lifetime.



Beam Detector



The DOP-6001 beam smoke detector is designed for smoke detection at high ceiling areas. The easy commissioning with available LASER light helps in setting the reflector from range of 50-100m

Intrinsically Safe Detectors



POLON-ALFA manufactures ATEX certified Smoke, Heat, Beam & Triple IR Flame Detector which are suited for intrinsically safe applications.



ELOTEC AS is an ISO9001 certified company manufacturing Air Sampling Smoke detection system & wireless addressable fire alarm systems. Elotec's range of Vds certified Aspect series of Air sampling smoke detection systems have been installed in more than 10,000 projects across Europe & Middle East.

Air Sampling Smoke Detection System

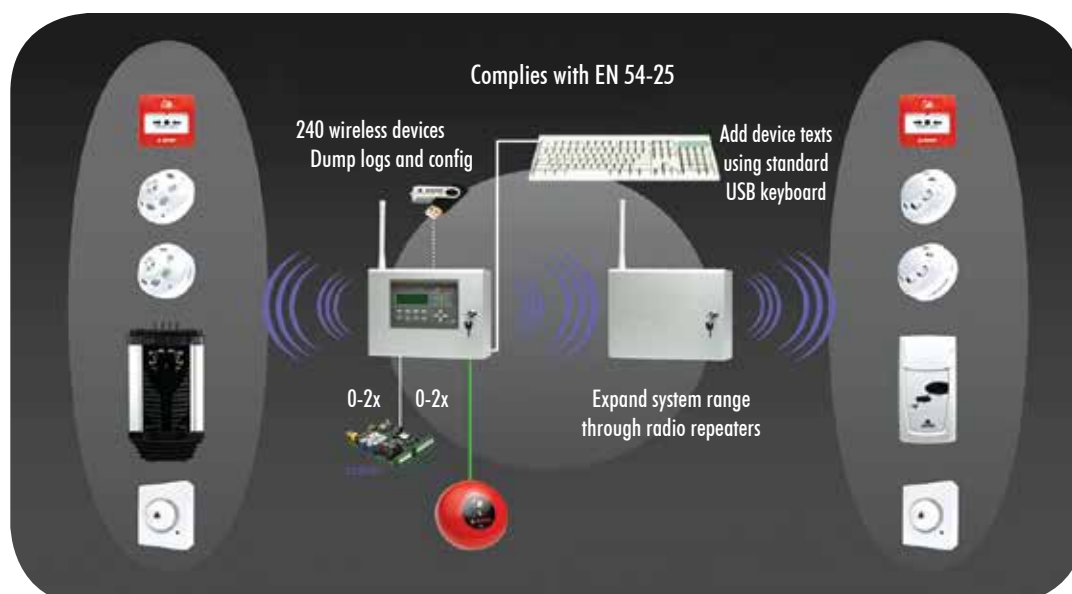
Aspect series of Air sampling smoke detection system employs advanced technology in smoke detection for special applications including data centers, warehouses, workshops, cold & freezer rooms etc where spot type smoke detectors are not possible to be installed due to high amount of dust or temperature related parameters. Aspect series includes 3 range of panels namely Lazeer, Grizzle & Nitro which covers all the 3 types A, B & C type sensitivity. The special printed drilling line, smoother bends, capillary tubes, Sampling holes for false ceiling (sniffers) & clips completed the range of accessories required for every type of installation requirement. A very innovative Mobile application helps in commissioning & troubleshooting for the customer as well.



Wireless Addressable Fire Alarm System

Elotec provides a fully EN54 compliant addressable wireless fire alarm system approved by Intertek Laboratory. Upto 240 wireless devices can be connected to wireless fire alarm control panel. The entire system includes wireless detectors, input & output modules, sounders & pull stations which covers the entire requirement for a fully comprehensive wireless fire alarm system.

System Overview



Firehawk

SAFETY PRODUCTS

From Fireblitz
Extinguisher Ltd.



The new and exciting FIREHAWK range of Fire and Carbon Monoxide alarms is a boost product range which EDGE provides in the MENA region. The range includes our FHB10 Long Life battery operated smoke alarms, the FH250 and FH450 range of mains powered smoke and heat alarms with battery back-up and rechargeable lithium options and the CO7 range of Carbon Monoxide alarms: all approved to the most up to date European standards by the Building Research Establishment and British Standards Institute (BSI).

The main models are :

- **FHB10/10i-Long Life** Lithium Battery Powered Optical Smoke Alarm (Inter linkable feature)
- **FHH10/10i-Long Life** Lithium Battery Powered Optical Heat Alarm (Inter linkable feature)
- **FHN450BB**-Alkaline Battery Back-up (3xAAA)
- **FHN450RB**-Rechargeable Lithium Cell Back-up
- **FHB10W**-Wireless Battery Operated Smoke Alarm
- **FHH10W**-Wireless Battery Operated Heat Alarm
- **CO7**-Battery Operated Carbon Monoxide Alarms
- **FHN250BB**-Alkaline Battery Back-up (3xAAA)
- **FHN250RB**-Rechargeable Lithium Cell Back-up
- **FBST-1** Single Extinguisher Stand
- **FBST-2** Double Extinguisher Stand
- **Deaf Alarm**
- **FHN600 REMOTE**-Test and Silence Remote Control
- **FHN600 Relay**-Mains Powered Relay Module



(((Cygnus)))[®]

The Cygnus (U.K) is a fire and first aid alert system incorporating fire call points, first aid call points, smoke and heat detection and a control panel for temporary fire cover during construction works. The system is intended to be installed either in a building under construction, in site cabins or on mobile fire points and taken out at the end of the construction project. It can then be reused multiple times on future projects. The Cygnus fire alarm system is able to link no less than 480 units in 15 zones. It has a low cost of ownership with long life batteries and all components are demountable in case of damage so parts can be replaced individually.





PyrexX quality products are manufactured in Germany in compliance with the EU product standard EN 14604. Furthermore, our devices comply with the requirements of the TUV and KRIWAN quality matrices and carry the German quality label ('Q').

In 2013 the German consumer foundation 'Stiftung Warentest' rated the PX-1 as Germany's top rated long-term smoke alarm. PyrexX manufactures solutions for different home applications which include.

Standalone Battery Operated Smoke Alarms

The PX-1 is a stand-alone smoke alarm complying with EN 14604, equipped with a built-in 12 year long-term lithium battery with customised colour, design and original swarovski crystals.



Wireless Battery Operated Smoke Alarms Interconnected with Optional Alarm Box

PyrexX wireless devices are suitable for large or multi-storeyed houses or apartments, and can cover long transmission paths of more than 400 metres in open spaces.

The PX-AR Alarm Relay is an output and input module, which can be integrated into a PX-1C Smoke Alarm radio group which can be used to trigger Ventilation systems, roller shutter, LPG shutdown, 24 x 7 etc.



Connected to Internet Gateway (Optional)

The Wi-Fi Smoke Alarm System from PyrexX reliably keeps you informed about the security status of your home, regardless of where you are.

The PX-iP interconnects the PX-1C Smoke Alarms with the internet through Wi-Fi or LAN cable. The gateway can be easily and intuitively configured and controlled by using the PyrexX App. An emergency power supply and the integrated SIM card ensure proper functionality even if there are internet connection problems.



RESGUARDOTM



Resguardo is a 25 year old company dedicated to innovate, design, build and deliver unique life saving products required especially in high-rise buildings and industrial plants.

Resguardo have strived their best to improve the life safety of people who work or stay in high-rise buildings with innovative life saving products like evacuation chairs, foldable stretchers, lift-able wheelchairs, Bump cap and many more such unique life safety products which can save's a life at the time of emergencies.

Resguardo industries has a state of art manufacturing facility near Bangalore, India with a fully fledged design and manufacturing team geared to meet modern day challenges and come up with innovative life safety products day after day.



GAS DETECTION Macurco



Headquartered in Sioux Falls, South Dakota, Aerionics, Inc. manufactures the Macurco fixed gas detection product line. Aerionics strives to provide the highest quality gas detection, safety and security solutions to customers worldwide.

The Macurco product line offers fixed gas detection equipment for residential, commercial and light industrial applications. There are fixed gas detection options for a number of different gases including carbon monoxide, nitrogen dioxide, hydrogen, LP and natural gas. The Macurco product range have applications in Carpark Monitoring Systems, Portable Gas Detection Systems, Explosion Proof Detection & Residential Gas Detection Systems.



Residential Gas Detectors

CO Gas Detector
Combustible Gas Detector
Hydrogen Gas Detector

Industrial & Commercial Detectors

CO Gas Detector
Combustible Gas Detector
Nitrogen Dioxide Gas Detector
H2S Gas Detector
Ammonia Gas Detector
CO2 Gas Detector

MOBIAK SA is founded in 1977 and is the largest company in Greece and one of the fastest growing companies in the Balkans, Europe and the Middle East in the field of the Firefighting Equipment industry. MOBIAK owns a state-of-the-art production plant in Greece, producing products for the fire industry that meets high international quality standards.

Fire Extinguishers & Fire Blanket

- Dry Chemical Powder / CO₂ / Clean Agent Extinguishers
- Trolley Type & Automatic Ceiling Type Extinguishers
- Fire Blanket



Sprinklers, Valves & Fire Hose Reel

- Landing / Gate / Butterfly Valves
- Standard & Quick Response - Horizontal / Upright / Pendant / Concealed Sprinklers
- Fire Hose Reel & Cabinet
- Fire Hydrant & Breaching Inlet



Fire Suppression Systems

- UL Listed End Suction Pumps
- UL Listed Horizontal Split Case Pumps
- Clean Agent Systems (HFC-227EA/ FK-5-1-12)
- Dry Powder C002/1G541
- Wet Chemical
- Aerosol Generators
- Fire Suppression System for Vehicles
- Fire Pumps
- Systems for El. Cabinets
- Kitchen Hood Extinguishing System
- HFC-227ea Extinguishing System



Gessler is a leading German manufacturer of Central battery, exit and emergency lighting solutions. The wide range of high-quality products include central power supply systems, single-battery systems, exit sign and emergency luminaries which are designed to make a bold aesthetic statement. Since 1975 Gessler's headquarters are located in Rodgau, Germany. The different ranges and designs of luminaries helps the client to choose as per architectural and aesthetic requirements. All luminaries are uniquely addressed and are continuously monitored. Different possibilities of interfaces such as BACnet, LON, Webserver etc enables BMS integration and remote monitoring.

Central Battery Panel



System: AC/AC or AC/DC
 Load: 150Kva Maximum
 Output Voltage: 230V AC/DC
 Mixed Installation of Maintained & Non-Maintained Luminaries
 7" TFT Touchscreen
 20 Luminaries/Circuit
 Maximum 40 circuits per sub panel
 Internal LON bus
 IP enabled for Remote Monitoring

Address Module



Range of 2-200 W
 Output Voltage: 230 VAC/DC
 Temp. range: -10° to + 60° C
 Sub Circuit/Switch input monitoring
 * Optional DALI Module

I-Connect 16



Monitoring of upto 10 sub circuits
 LED Status display for ON/OFF condition
 Possibility for 3 phase monitoring

Webmaster



Webserver based S/W
 Multiple panels monitoring over TCP/IP
 Functional Tests from Software



Model Number: DISPLAY 9000
Mounting: Wall/Surface/Pendulum
IP Rating: IP 41



Model Number: LED-SPOT LA6
Mounting: Recessed/Surface
IP Rating: IP 20/IP 40



Model Number: DISPLAY 3000/G6-/F6
Mounting: Recessed
IP Rating: IP 20



Model Number: LED-SPOT LS3
Mounting: Recessed/Surface
IP Rating: IP 20/IP 40



Model Number: LUMINA 2000/16
Mounting: Wall/Surface/Pendulum
IP Rating: IP 54/IP 65



Model Number: LUMINA 2000/16
Mounting: Wall/Surface
IP Rating: IP 54/IP 65



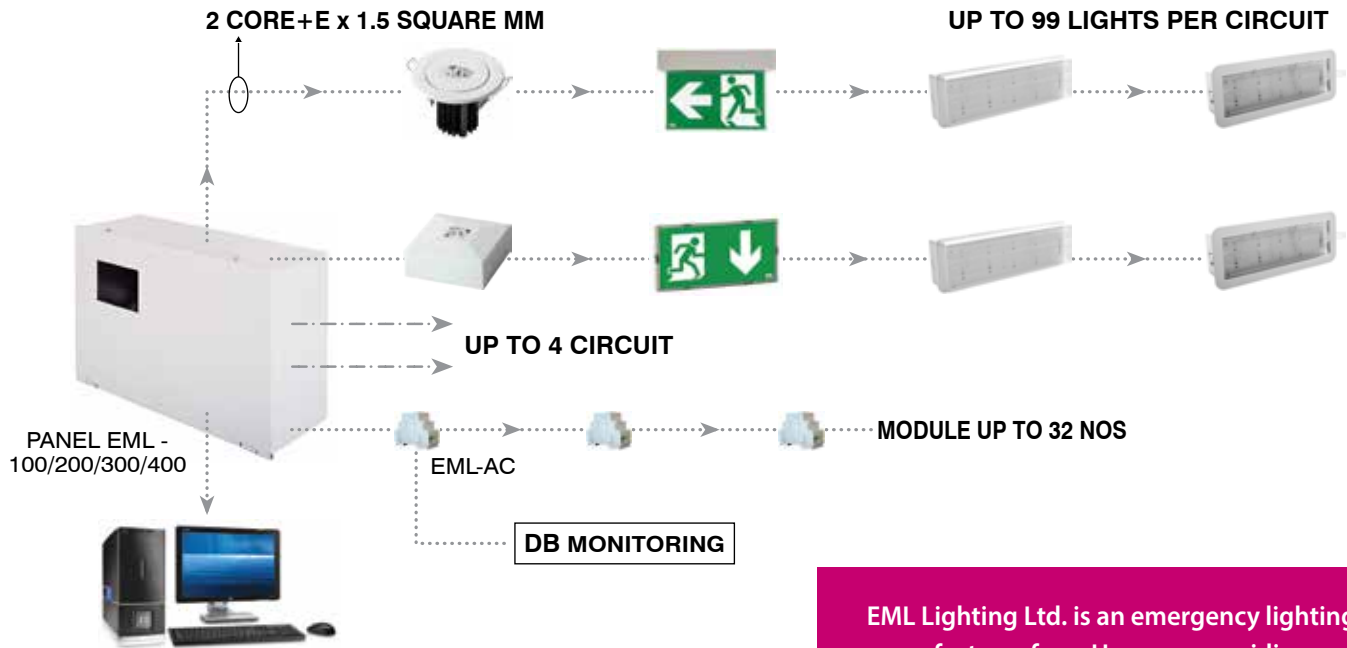
Model Number: Display Vision
Mounting: Wall/Recessed/Surface
IP Rating: IP 41



Model Number: LED-SPOT LS1
Mounting: Wall/Recessed/Surface
IP Rating: IP 20/IP 40



Emergency Lighting Systems



Model No: EML-4014F
Lamp: 4W LED
Mount: Recessed
IP Rating: IP 20



Model No: EML - 313 R/F
Lamp: 3W LED
Mount: Ceiling Mount
IP Rating: IP 20



Model No: EML-613/616
Lamp: 3W/6W LED
Mount: Ceiling / Surface Mount
IP Rating: IP 65



Model No: EML-EML-813/816
Lamp: 3W/6W LED
Mount: Recessed
IP Rating: IP 65



Model No: EML - 6017
Lamp: 1W LED
Mount: Surface Mount
IP Rating: IP 65

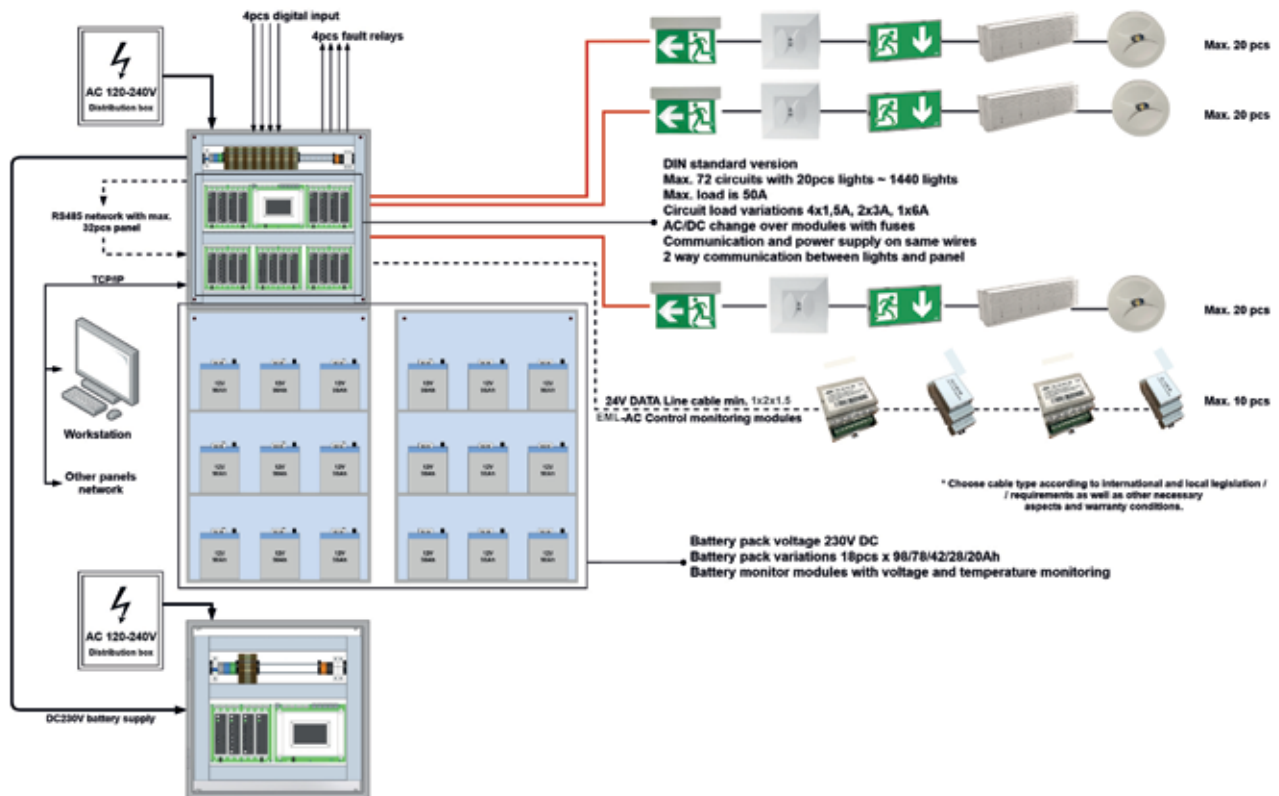


Model No: EML - 414
Lamp: 1W LED
Mount: Ceiling / Surface Mount
IP Rating: IP 42

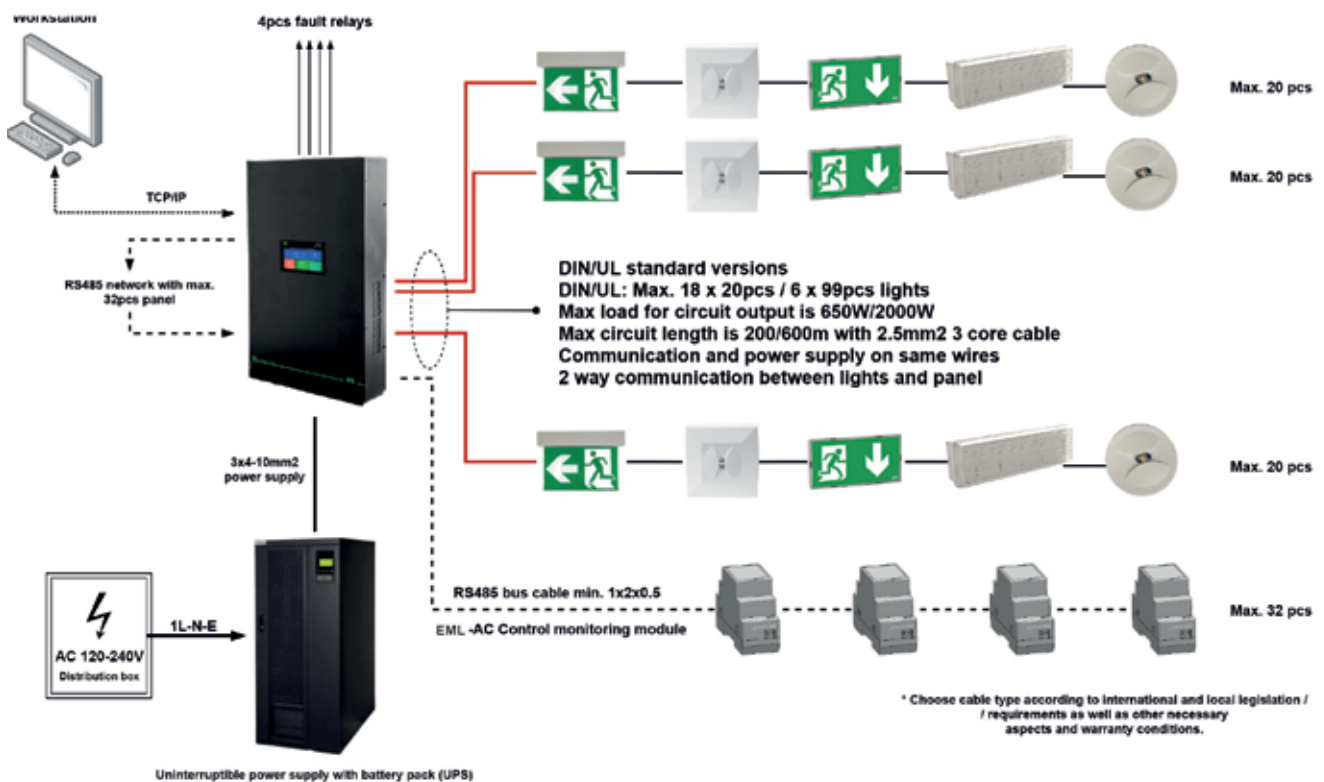
EML Lighting Ltd. is an emergency lighting manufacturer from Hungary providing complete emergency lighting solutions. EML safety and exit luminaires are sold in both conventional and addressable system options. The addressable emergency lighting system offers a number of advantages which includes lesser cabling & easier maintenance. The unique addressing of the LED lights provides easy supervision, and all the necessary information are shown on the control panel's Touch screen LCD. All products are UL listed and manufactured in Hungary.

- Central Monitoring
- Touch Screen Display
- LED EM & Exit Light
- Reduced Cabling
- Line Bus Voltage (230V AC)
- BACnet
- Area Monitoring
- Battery Duration: 3 hrs
- Up to 396 Lights Per Panel
- 254 System on Network
- Graphical Software

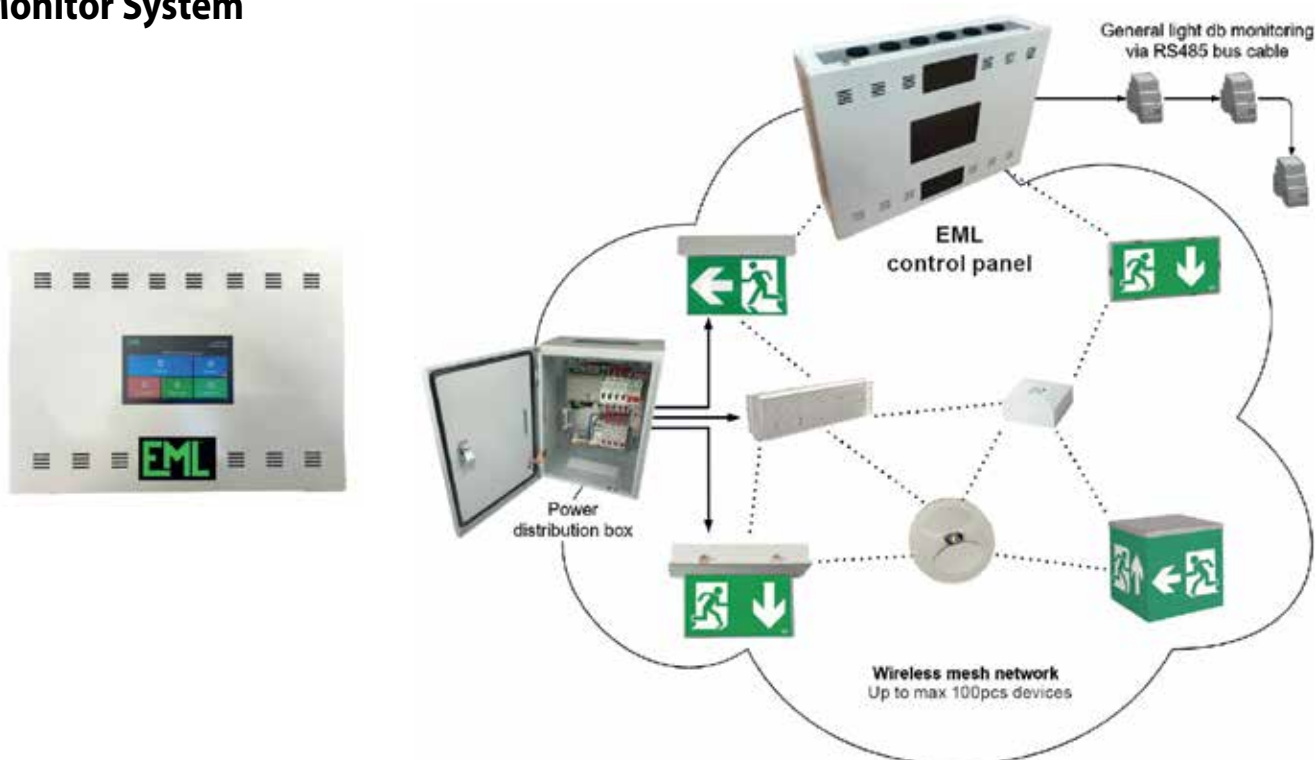
230 AC/DC CB Control System



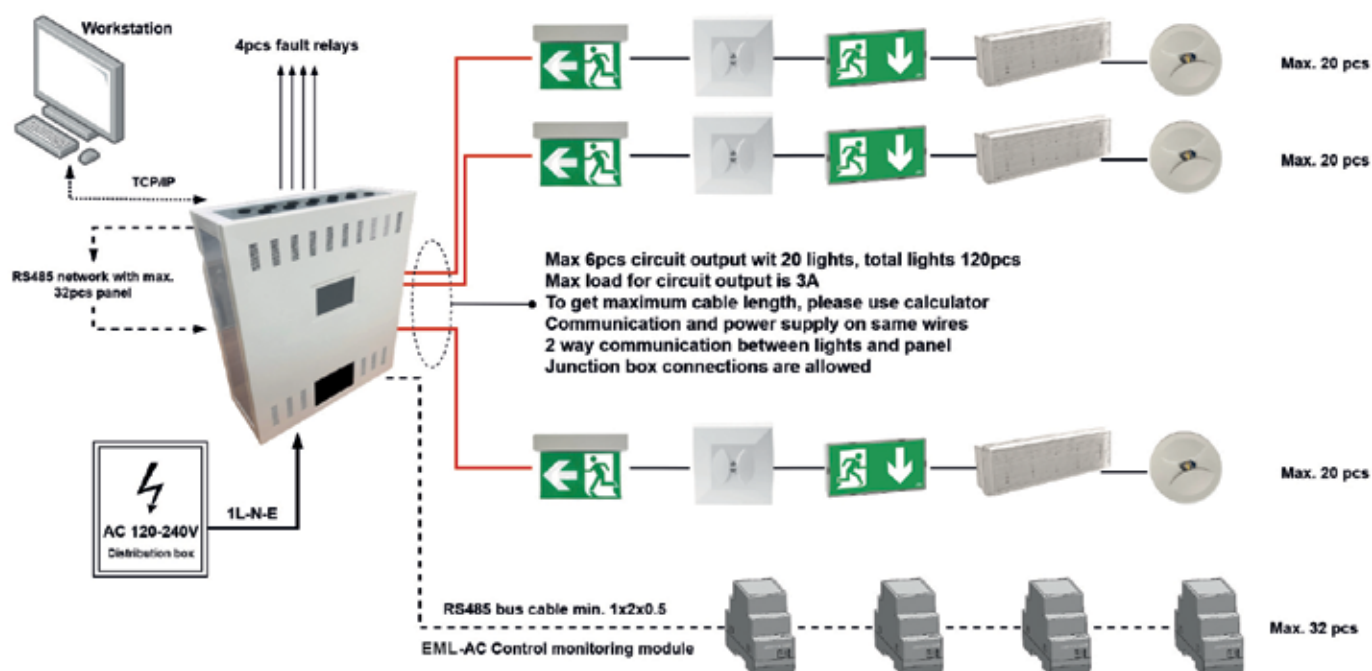
230 AC/AC CB Control System



100/RF EM Lighting-Wireless Control / Monitor System



24V CB Control System



* Choose cable type according to international and local legislation / requirements as well as other necessary aspects and warranty conditions.



Self Contained Emergency & Exit Light

Established in 1992, Denko Lighting Pte Ltd specializes in the design, development and manufacture of innovative emergency lighting, exit signs and related products. As one of Singapore's leading manufacturers in the emergency lighting market, Denko Lighting takes pride in product quality, reliability and innovation of emergency lighting products to meet and exceed the needs of both local and overseas customers. Denko Lighting's products are listed under the Product Listing Scheme - a safety and product quality certification accredited by TÜV SÜD PSB Singapore which bears the mark of excellence as required by international standards.



Model No: EmFLEX 1602M / RM SERIES
Lamp: Samsung 2W High Flux White LED
Mount: Ceiling/Wall/Pendant
IP Rating: IP 30



Model No: EmLED-12NM/14NM-U DRUM
Lamp: Samsung 2W High flux white LED
Mount: Surface
IP Rating: IP 20



Model No: EmBER 2602M / RM
Lamp: 2W High Flux White LED
Mount: Wall /Pendant
IP Rating: IP 30



Model No: EmCEL 12M
Lamp: 2W/6W High Flux White LED
Mount: Ceiling/Wall/Recessed
IP Rating: IP 65



Model No: EmDL 203NM-U
Lamp: 2W/4W High Flux LED
Mount: Recessed
IP Rating: IP 20



Model No: EmCEL 12NM
Lamp: Samsung 2W / 6W High Flux White LED
Mount: Ceiling/Wall/Recessed
IP Rating: IP 65



Model No: EmCEL 16NM
Lamp: 2W High Flux White LED
Mount: Ceiling/Wall/Recessed
IP Rating: IP 65



Model No: EmLED-1430NM-U/
EmLED-1445NM-U
Lamp: 4W High Flux White LED
Mount: Recessed
IP Rating: IP 20



Model No: DL2301 NM
Lamp: Samsung 2 x 3W High Flux White LED
Mount: Wall/Pendant
IP Rating: IP 20



Model No: EMDL 205 NM
Lamp: 6W High Waltage LED
Mount: Wall/Pendant
IP Rating: IP 20/IP 65



Model No: EmDL 205NM WP
Lamp: 2x5W High Flux White LED
Mount: Wall/Pendant
IP Rating: IP 65



Model No: LED 1330-M / FL 140M-EV58
Lamp: LED Lamps /4-PIN Fluorescent Lamp
Mount: Inside normal light fittings



3 Hour
Battery Backup



PLS Listed
Emergency
Exit Sign



Push Button
Manual Testing



TECUM AUDIO is specialized in Voice-Alarm Control and Indication Equipment solutions, combining over 30 years of experience in the voice-alarm industry. TECUM is based in Rotterdam. TECUM is dedicated to creating cost-effective VACIE systems that break the mold of standard solutions. TECUM has created its solutions to fit the needs of installers and users alike, offering systems that are both compact and modular.

TECUM has created the IVC VOICE ALARM SYSTEM family of devices with remote-operated zone-expanders for both simplified zone switching (IVC-S) and complicated Multi-Media applications, demystifying classic 'rack-mounted' systems that rely on complex configuration (IVC-MM). The VCP XXX is distinguished by its design, which has a small footprint and allows for simple, cost-effective installation and operation. The VCP XXX delivers a 'mean' and powerful system, enabling advanced digital audio distribution on a networked VACIE solution, with self-contained compact Wall-mounted Control and Indicating Voice-Alarm panels. TECUM provides unrivaled quality and reliability by designing and producing its products in Europe to strict requirements. Fully compliant with EN54-16 certification, all TECUM products are third-party approved and certified to all European and Dubai.



EN54 On Wall Fireproof Speaker – CS12WEN



Fireproof Wall Mount Speaker – WMC-10W-EN



EN54 Fireproof Ceiling Speaker – CS65-10WFR-EN



Waterproof Wall Mount Speaker WMSP5020 - MSP5040



Waterproof Column Speaker – CS Series



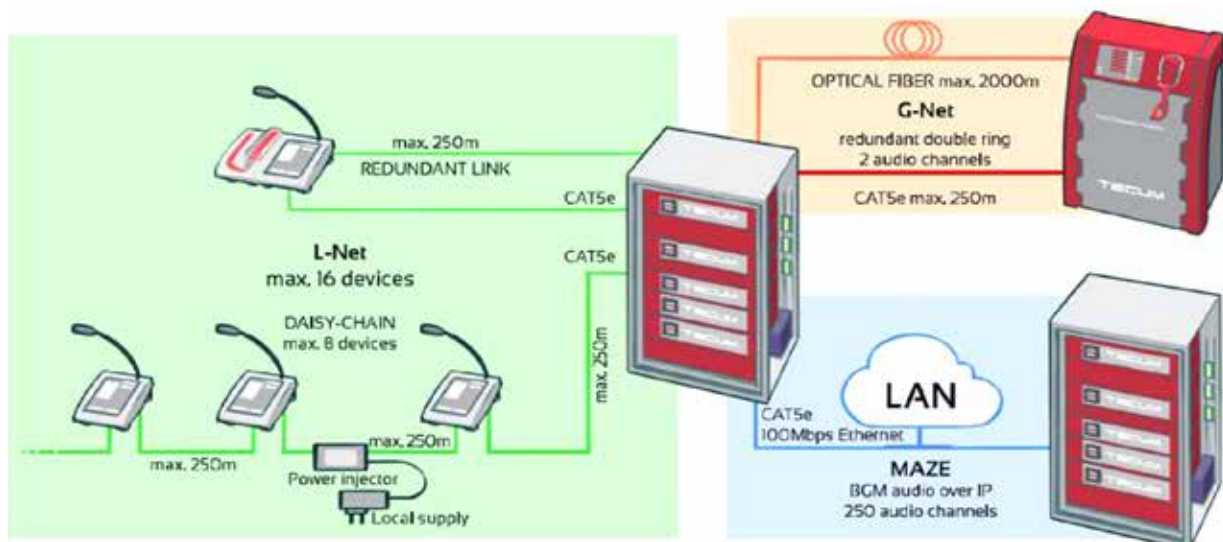
Voice-Evacuation-System VCP-XXX-TECUM-17



Voice-Evacuation-System VCP-XXX



Voice-Alarm-System VC-M





Founded in 1977 in the heart of the Blue Ridge Mountains in Roanoke, Virginia, Valcom specializes in full IP and network-distributed paging, intercom, and emergency notification systems. Valcom's vision is to keep the global community safe, informed, and on schedule by providing innovative solutions for our customer's daily needs and emergencies. Valcom's mission is to provide innovative next-generation daily and emergency communication solutions using smarter technology and cloud-enabled services that deliver accurate information to global communities and individuals in a timely manner.

Benefits of Valcom IP and self-amplified speakers

- System power increases with every addition resulting in unlimited speaker expansion
- Full range volume control per speaker allows individual speaker volume adjustment
- Dedicated speaker amplifiers allow for multiple simultaneous announcements
- Installation by a low voltage contractor does not require expensive conduit in most municipalities
- One-way announcements and two-way talkback intercom easily coexist
- Dedicated speaker amplifiers provide the ultimate redundancy and system efficiency
- If an amplifier fails in an old fashioned 25/70/100-volt system, many or all speakers stop working, if an amplifier fails in a Valcom system, one speaker stops working



Analog Intercom
Door Entry



Ceiling Speakers



Ceiling Speakers



Clocks - IP



Existing Analog
Multi-Zone Paging



Interactive Console



Emergency Call Stations



Track-Style Speaker



SIP Paging Gateways
200 Series

Lonix provides versatile systems and advanced solutions for Intelligent Buildings. The cutting-edge Lonix Automation, integrating with Lonix Security, creates the perfect solution for indoor comfort, energy efficiency and security, optimal for all buildings where excellent quality is a requirement. The scalable Lonix System allows for versatile solutions for a wide variety of needs, with references all around the world. Fostering the values of sustainable development, we help you to create simply better built environments - lasting for future generations to come.

System Architecture

The Lonix Solution is open, integrated and flexible, fit for distributed intelligence and centralized system designs alike. Systems and functionalities use advanced control techniques and standard communication networks and protocols. The solution is completely modular in structure and freely expandable at any stage. Being fully consistent with the latest industry standards, the solution enables secure remote connectivity and advanced value-adding services.

MONITORING

BMS & Security

- Alarm Monitoring Station
- Video Surveillance
- Environmental Reports
- Customized Dashboards

MAINTENANCE

User Interfaces

- Integrated System Views
- Maintenance and Monitoring
- Customized Reporting
- Remote and Local Access

CORE PLATFORM

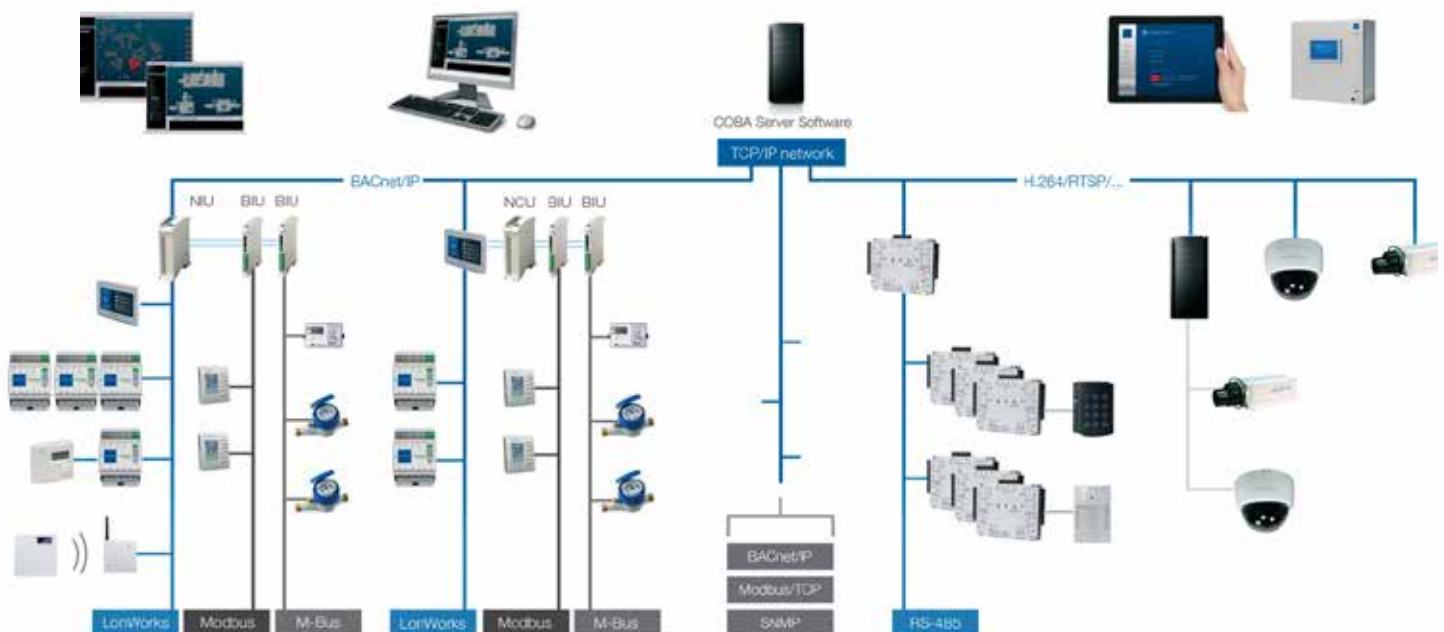
BOS - Server

- System Integrations
- Graphical User Interfaces
- Profiles and User Rights
- Alarm Handling
- Trends and Event Logs
- Monitoring and Reporting

VISUALIZATION

User Interfaces

- Internet Browser
- Controls and Monitoring
- Remote and Local Access
- Personalized Views



LONIX AUTOMATION

HVAC Controls
Room Automation
Lighting Controls
Metering & Monitoring

LONIX SECURITY

Access Control I
Intruder Alarms
Video Surveillance
Cameras

FUTRONIX

Established in 1989, Futronix has evolved into one of the world's leading manufacturers of lighting control systems.

With installations in over 50 countries, Futronix is recognized by leading architects, designers, engineers and private customers as the product of choice.

Their products range from the world's smallest scene dimmer to the largest commercial system currently available.

Futronix manufactures the only truly digital range of commercial and domestic dimmers. These dimmers have no analogue content, making them smaller, more accurate and more reliable.

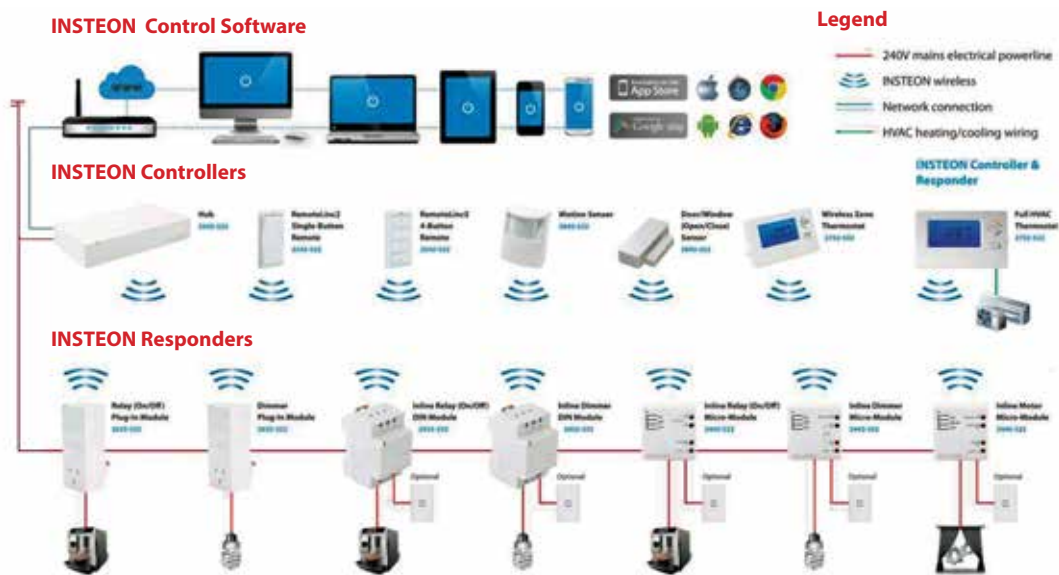
The 'Burj Al Arab' is testimony to the flexibility of the PFX system to adapt to the most complex of requirements and meet the highest of standards.



INSTEON®

Designed in California, USA

Insteon® transforms the "connected home" from a buzzword into reality. Control lights, alarms, thermostats from wherever in the world. Insteon's patented technology is simple and reliable, powering the most fail-safe connected home on the market. With more than 200 Insteon products available today and thousands of developers, we bring all of the things at home into elegant command. Redundant wireless and power line communication combine to create a complete and patented dual-mesh network. Patented state link distributed device memory simplifies messaging and allows for endless scaling.



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