

# INTEGRATED SECURITY PRESENTATION



## **ABOUT US**

#### WE ARE LEADING EXPERTS IN FIRE ALARM AND INTEGRATED SECURITY SYSTEMS

We pride ourselves on our plethora of knowledge and years of experience within the fire and security industry. All our products have been hand-selected and rigorously tested to provide you excellent performance, ease of use and most importantly, reliability.

Blue BMS only offers products from reputable manufacturers and renowned global brands; so you can rest assured that in the event of a fire, you are in safe hands.

Better still, not only do we provide exceptional equipment but we do so coupled with value for money. All fire alarm systems and devices are available at a competitive rate and we price-match all genuine quotes to make sure you get a great service at a great price.

Whatever you need, the Blue BMS experts are to hand to advise you on fire alarm safety and security.





## COMPLETE SOLUTIONS FOR ALL YOUR PROJECTS NEEDS





### ELECTRONIC SECURITY

FIRE DETECTION

Learn More

www.bluebms.com





### FIRE BUILDING SUPPRESSION MANAGEMENT SYSTEMS



### **ELECTRONIC SECURITY**

Electronic security system refers to any electronic equipment that can perform security operations such as surveillance, access control, alarm or intrusion control to a facility or area that uses power from the mains and also a backup power such as a battery, etc. operations, such as electrical and mechanical gears. Determining a security system type is purely based on the area to be protected and its threats.







# ioSmart //

Smart card and Multi-Technology readers.

For an end-to-end encrypted access control solution.





### FIRE DETECTION

A fire detection system aims to detect and report the onset of a disaster as early as possible in order to reduce the time needed to implement firefighting measures and limit its impact.

Automatic fire detectors (DAI) are based on various technologies that can be used to look for phenomena related to a fire outbreak: combustion gases, smoke, flames, heat, etc. During a fire, the detector is activated, sends a signal to the fire panel.





# **PROVEN SOLUTIONS**

Det-Tronics has been providing proven flame detection, gas detection and hazard mitigation systems for high-risk processes and critical industrial operations worldwide since 1973. The company designs, manufactures and commissions certified SIL 2-capable flame and gas detection solutions. **Products carry performance and safety certifications from globally recognized third-party testing agencies and approval bodies.** 







## FIRE SUPPRESSION

Fire extinguishing systems are engineered to detect fires, alert works, and extinguish fires, all in a very short amount of time. Systems can be complicated, but typical elements and components include discharge nozzles, piping, a control panel, warning alarms, hazard signs, detection devices, storage containers, and manual discharge stations.

Some examples of fire suppression systems and their corresponding NFPA standards include:

• Carbon Dioxide;

tyco

- Wet Chemical Fire Suppression;
- Dry Chemical Suppression.















**Innovative Fire Solutions** 

## FIRE PROTECTION SYSTEMS

With products ranging from wet sprinklers and flexible sprinkler drops to special hazard suppression systems, our solutions are trusted to protect people and equipment.



### BUILDING MANAGEMENT SYSTEMS

The building management system (BMS) is a comprehensive control system that is responsible for the automatic regulation and control of subsystems of non-GMP installations, maintaining predefined parameters (or set points) and controlling their functionality. The main purpose of the BMS is to ensure the safe operation of facilities, while monitoring and optimizing the usage and efficiency of its supervised subsystems to enable more efficient operation. Examples of the main subsystems controlled by the BMS are: HVAC system. The duct temperature, pressure and humidity, as well as the exhaust temperature are connected to the BMS, and if their value exceeds the defined limits, an alarm is generated.

Central Smoke Collection, Laminar Flow Units, Dust Collection System, Central Vacuum System, Heat Blowers. The BMS monitors the performance of these systems, allowing early identification of units in need of maintenance. Sudden breakdown would be signaled through alarms and then appropriate action can be taken to protect the product.







## A NEW LEVEL OF SMART

For the professionals who design, build, and manage facilities, the desire to improve efficiency and effectiveness is never-ending. More and more, building automation—intelligent, data-enabled automation and related controls—is how we are helping you achieve your goals. At Johnson Controls, we make everything from simple, configurable controls for specific kinds of equipment to highly programmable automation systems for entire facilities and campuses. Our next-generation building automation systems make it possible to extend automated control to every building system –HVAC, lighting, security, and detection—on a single platform. We also make control systems and components for commercial refrigeration equipment as well as a full line of HVAC equipment.







# **CONTACT US**

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NEEDS



### COMPLETE SOLUTIONS FOR ALL YOUR PROJECTS