



United
BUILDING AUTOMATION
Innovation in Smart Technology



WHAT IS IT AND WHY DO YOU NEED IT?

Convenience is your first step to luxury and comfort. And it doesn't get better than having everything in your building under control with the touch of a button.

Building automation makes this a reality by connecting and integrating your devices seamlessly, allowing you to control everything from temperature to lighting and security systems in your facility.

But, what is a building automation system? And why is it important in my building? In this article, we will discuss what a building automation system is and why you should consider installing one in your facility.

WHAT IS A BUILDING AUTOMATION SYSTEM?

A building automation system (BAS) is a computerized control system for monitoring and controlling a building's electrical and mechanical equipment including HVAC, plumbing, lighting, and security systems.

It lets you control how and when your devices run by offering a centralized approach to managing your building's operations.

A BAS system may include a variety of devices such as fans, HVAC devices, lighting and security systems. These devices are connected to controllers, sensors and a network infrastructure running throughout the building.

WHY DO YOU NEED A BUILDING AUTOMATION SYSTEM?



IMPROVED SECURITY



BAS system allows you to improve the safety of your building significantly. By connecting your alarm, plumbing, electric or fire hazards you can monitor your building remotely and receive notifications in case of emergencies.

It also allows you to secure your facility by integrating your surveillance and security systems throughout the building. For example, you can keep certain lights on and control window blinds, giving the impression that there's someone in a particular room, even when there isn't.

You can also program your doors to open and lock at specific times, thus preventing entry of any unauthorized persons in your building. Should anything go awry, the system can also be programmed to alert you immediately, or the next person in charge in case you fail to respond within a specified time frame.



ENERGY EFFICIENCY



HVAC and lighting systems are likely the biggest energy offenders in any building. BAS systems can help minimize energy use by regulating heating and cooling systems based on use and occupancy.

This means that you no longer have to worry about adjusting your HVAC system when you arrive or leave the building.

LOWER STAFFING REQUIREMENTS



Buildings with up-to-date automation systems require less staff to manage daily operations. You can therefore reduce the number of your non-essential staff running your facility, outsource some the work and even save more money through cost avoidance.

LESS STRESS



Through automated energy-saving systems, up-to-date security systems and lighting control, automating your building helps reduce the stress that comes with running big buildings and facilities.

It also provides you with peace of mind by knowing that you can see what is happening in your facility from anywhere, and that you'll receive alerts in case anything goes wrong. If any maintenance is required, you also get to know early enough (and get repairs done) before it becomes a huge issue.

AUTOMATE YOUR WORLD

Daily operations in modern facilities are quite boring and tedious. Make things easier by installing a building automation system. A fully automated system will make your day to day operations simpler, safer and most importantly, convenient that you'll be left wondering how you ever did without it.

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