



CONSULTING



## B.One Hub for Office Automation



# Commercial Automation

How often do you find yourself wasting your time trying to get an important meeting started? Someone's trying to get the projector started, while some are pulling down the curtain and trying to find the switch to the lights. Such a chaotic scenario is normal within a standard office setting. But with the advent of smart devices and automation systems, such scenarios can be avoided.

Smart Office Automation system is transforming our modern workspace by making it smarter and energy efficient. With smart automation systems, you can control office lights, air conditioning, blinds and media through a mobile app or voice control. In addition, you can monitor your workspace remotely and secure it with smart security systems.

B.One Hub is the most powerful wireless smart home automation hub that allows you to monitor and control multiple smart and non-smart devices from a single smartphone app. It is built on a secure IoT framework allowing it to connect to devices using multiple wireless protocols like Wi-Fi, 2G/3G cellular network, Bluetooth, ZigBee, Z-wave and even Infrared.

In addition, you can connect your Google Home or Amazon Echo and voice control everything. B.One Hub can help you automate your office and make it smarter and efficient. Furthermore, it can be easily retrofitted in an office without having to tear down your existing electrical cables.

## Use cases for Office Automation

### Smart Room Control

Smart automation systems enable you to control all your devices with a single click or voice command. For example, when you want to start a presentation during a meeting, you need to dim the lights, pull down the window blinds and turn ON the projector. These tasks can consume a lot of time and break the flow of the meeting. But with smart automation, all these tasks can be automated with a single command. You can simply say, "Ok Google, Turn On the Presentation Mode", and all your devices can be switched ON automatically.

B.One Hub can be used to trigger many such actions in the office, which will definitely increase your team productivity and provide a better workplace experience.

## Lighting Control

Every business uses lights and for many, it can account up to 50% of energy use. Hence, many businesses are opting for energy efficient lighting solutions to save on their energy bills. Some of the best ways to increase the efficiency of lights are by using them smartly. For example, switching off the lights when not required, using natural light when possible or even dimming them occasionally. Now, it is not possible for someone to manually check if the lights are switched OFF or not in a building which hundreds of offices. This is where smart automation technology like B.One Hub can play an important role.

B.One Hub can be used to automate your entire commercial lighting from a single mobile app. You can monitor the condition of lights and their energy consumption from a single dashboard. In addition, you can automate the lighting without the need to switch ON/OFF manually. It can be switched ON when someone enters the room or walks in the hallway, and switch OFF as people leave the room.

Also, smart lighting can be used to create various ambience in your workplace by adapting its colour and illuminance to its environment.

## Climate and Blinds Control

Forgetting to switch OFF the air conditioning as you leave the office or meeting hall is the most common mistake among employees. Such human errors are impossible to avoid without a fully automated system.

B.One Hub can help you monitor and control your air-conditioning automatically without the need for continuous human intervention. It can be triggered using temperature sensors or smart scheduling. So that your air conditioning is efficiently used at your office. This can help you reduce your energy bills dramatically.

Further, you can also control window shutters or blinds in your office using B.One Hub through a mobile app. It can work hand in hand with other smart devices creating better comfort for the employees.

## Media Control

Audiovisual control is yet another major use cases for smart automation at the office. B.One can connect with various audio video systems like TV, projectors, DTH system and media boxes to provide a single platform for all your media control requirements.

It can be used to distribute and control visual and audio content effectively within your office without having to run around with multiple remotes. It can help you from the confusion and save your time.

## Smart Security System

Workplace security and safety is a major issue in towards society concerning employers and employees. Despite various safety rules and regulation in place, accidents are inevitable. Hence, a smart office cannot be complete without a wireless security system that provides complete monitoring of your workplace.

B.One Hub can be connected with various CCTV, smart locks and security systems, which can then further be integrated with other electrical equipment at the office. Such a holistic system is only possible by using a smart hub like B.One hub.

## Energy Management

The rising concerns over high energy demands are forcing people to rethink their energy consumption. As the energy prices increase, saving every kilowatt can dramatically reduce your energy bills. Hence, businesses are adopting various alternative sources, among which solar is the most common. However, implementing solar alone isn't doing to reduce your bills, it needs to be combined with smart energy meters and smart systems like B.One Hub.

B.One Energy Manager is the unique feature that allows you to manage the energy consumption and production in your office building. It provides you with detailed insights into your energy consumption patterns vs production via an intuitive user interface. It helps you achieve your energy saving goals by automating your electrical appliances.

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