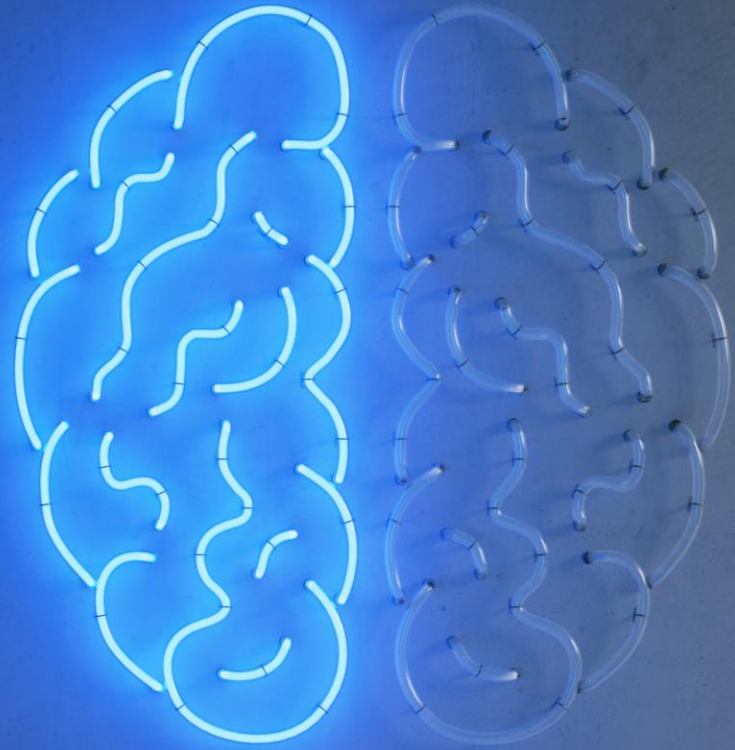


Why not use the full potential of your building?

Building Automation and Energy Management

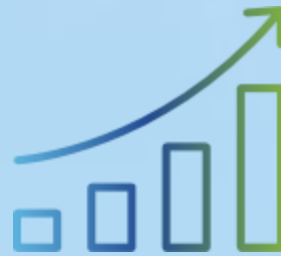


The power behind **your mission**

✓ Get more out of your Building Automation System



**Save energy
(costs)**



**Increase
productivity**



**No software
license**

Easy to: Specify / Design / Install / Manage & maintain / Integrate & upgrade / Save on labour costs



Johnson Controls provides the right Building Automation System for your needs

From the edge to the cloud, we develop best in class products that provide the flexibility to choose the architecture that best suits the need.



Schools

In classrooms, good air quality improves the engagement and concentration of students.



Offices

A comfortable office space where light, air and sound work in perfect harmony improves productivity.



Retail Malls

A pleasant, enjoyable, clean, and safe environment encourages customers to stay in the store – and keeps shop assistants motivated.



Hotels

Improve your hotel environment for a higher class experience for your guests.



Hospitals

A clean, healthy, and comfortable hospital environment has a positive effect on patient satisfaction levels.



Retirement Homes

In elderly homes, the well-being and safety of the residents and their guests is a constant concern.

EasyIO

Setting you apart from the competition.

Powerfully open.
Completely customizable.



Highly resilient
and IT capable



Open protocol
support



No licensing
fees

With our solutions your system will innovate at every level, less complexity in engineering, open compatibility and security ready devices.



Your advantages

HVAC Controls

Our programmable controller is ready to handle every kind of HVAC. Our huge HVAC library opens up every project. Optimizers will make sure your system will start and stop at the right moment using no more energy than needed. Easily schedulers and holiday calendar, accessible through our HTML5 webpages.

Metering

Connect energy-meters using our built-in technologies. Even all our universal inputs can read pulses. Electricity, water and gas meters are easy to connect.

WiFi

Control your room with our WiFi capabilities or exchange data wirelessly. Perfect for rooftop units or places where wiring is a problem.

Dashboard

All our devices support HTML5 out of the box, no more plugins, works on mobile devices on day one, great for you and your end clients to access for maintenance regimes and fine tuning of plant performance etc.

Data

Let the content find you. Our controller can push your data, email & can handle HTTP request. Where is the limit? Memory for data storage, up to many years.

Security

Comprehensive IT/ IoT support permitting secure integration with the highest certified standard.



Survey the playing field

Looking at your peers' priorities can help you get a fix on next steps.

According to a commissioned study conducted by Forrester Consulting, developed in collaboration with Johnson Controls, here's where companies are investing:

89% to reduce
their carbon footprint

83% to enhance
sustainability initiatives,
improving energy and
power management

80% to improve
resilience in the face of
significant climate or
weather events

82% to increase
use of renewable energy

75% to increase
energy efficiency in
buildings and workspaces

75% to develop
KPIs to measure their
sustainability impact

It's clear that most companies are taking efficiency, asset performance and sustainability seriously, making strategic investments and measuring outcomes. And as they invest, they're accelerating their transformation from traditional building systems to connected buildings with more centralized, automated control.



Specsavers Kidderminster (UK)

Introduction

Our partner Nyke Energy Services Ltd completed Specsavers' new £12 million manufacturing and distribution facility in Kidderminster with EasyIO controllers.

This project spans two industrial units covering a total of 77,000 square feet. Two EasyIO BMS systems, featuring HTML5 web graphics, were supplied, installed and commissioned.



Project Overview

Control strategy & software design

A unique EasyIO control strategy was developed to meet the objectives set out within the specification providing monitoring and control that is energy efficient whilst maintaining optimal comfort for the buildings occupiers and visitors.

BMS installation

All BMS installation was undertaken by Nyke Energy, providing an effective and efficient installation and comprehensive electrical testing.

Commissioning

Nyke Energy undertook a comprehensive commissioning exercise ensuring all plants operated effectively and efficiently throughout the building.

EasyIO controls

EasyIO BMS controllers were installed to provide advanced building control, utilising the web enabled EasyIO FG series of controllers.

System graphics

Bespoke HTML5 web-enabled graphics were created allowing system monitoring through the IT network and EasyIO SystemView Touchscreen display including user adjustments, data graphing and system alarms.

Modbus integration

A RS485 network of electrical meters was created to allow real time monitoring of electric use for the various distribution boards across the facility.



University of Richmond (USA)

Introduction

EasyIO is connected to 50 campus buildings at the University of Richmond controlling almost 2000 devices, across approximately 2.5M sq ft. The centralized graphics, data collection and alarms user interface, operates across all platforms (desktop, smartphone, and tablet) which made EasyIO the right choice for this project.

Julian Morgan, Facilities Manager, University of Richmond:
“When I first evaluated... the Historian [app] this was what sold it to me. To have that amount of data at your fingertips is invaluable as a facility manager. EasyIO provided University of Richmond a path forward with any vendor’s control product.”



“EasyIO is not just a BAS integration system, it is a facility management tool, when you have a 2.5M sq ft campus to manage, it was a “no brainer.” I can customize the user interface to make my job of managing the campus easier.”



Siam Kempinski Hotel (Bangkok)

New Level of Comfort to Guests at Siam Kempinski Hotel Bangkok

JEC Thailand provided a comprehensive Integrated Facility Management System for the Siam Kempinski Hotel Bangkok, the city's newest 99 serviced residences and over 300 luxury rooms located adjacent to Siam Paragon at the centre of the vibrant City of Angels.

By working closely with the engineering and construction company, Meinhardt and Atlas Page Kirkland, JEC was able to tailor-make a system that interfaces with the hotel's Building Management System and Property Management System. The Integrated Facility Management System closely monitors and controls the environment both inside and out of hotel guestrooms, as well as tracking room access information and providing comprehensive data on the status of each room regarding room temperature, fan speed, lighting and keycard log. This project was successful deployed using EasyIO controllers and the Niagara Framework as the enterprise platform.



**Contact us and start
the conversation to
maximize the potential
of your building**

