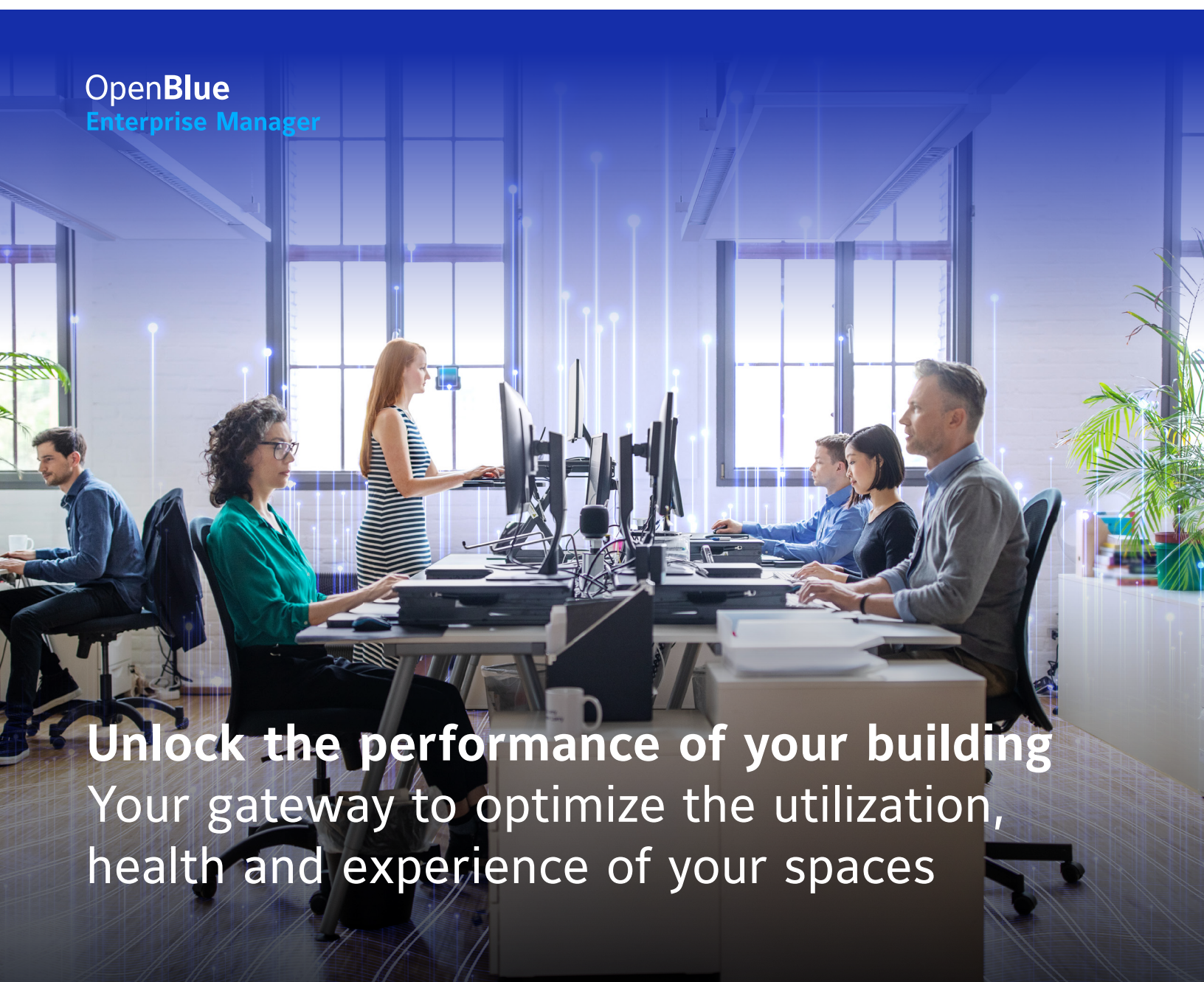


OpenBlue
Enterprise Manager



Unlock the performance of your building
Your gateway to optimize the utilization,
health and experience of your spaces

Space, Wellbeing & Productivity

Engage tenants and attract and retain talent with digital solutions that boost occupant health and productivity

Research and trends driving change



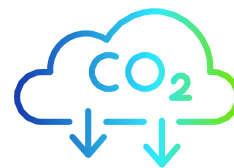
Healthy buildings

Clean air and healthier spaces ensure greater productivity and enable companies to deliver on their business objectives. Any investment in air quality is also an investment in employee wellness and energy savings. Even a 1% increase in productivity carries a financial impact equivalent to an average building's annual utility bill.*



Hybrid working

Office space utilization is currently at 50% of pre-pandemic levels.[†] Research shows that 71% of businesses plan on maintaining a hybrid work environment.[‡] Companies that wish to do so effectively must create a comfortable and productive workplace design to incentivize employees to commit to designated office days.



Decarbonization

Demand for net zero solutions has never been greater. Analysts, investors and regulators expect progress toward decarbonization, which puts pressure on you to improve the efficiency of your energy use, water and waste management and, ultimately, reduce your carbon footprint.

Challenges are opportunities in disguise

Reframe your outlook with Johnson Controls and realize healthy, productive spaces.

Lack of resources to execute improvements. Identifying suitable workplace upgrades without relevant experience or expertise can cost time and money. With the right support by your side, you can prioritize changes and take action to transform indoor environments for the benefit of occupants and your business.

Managing space effectively in real estate. Hybrid working has led to companies reassessing how much space they need to accommodate employees. Surplus space can be costly, which is why understanding your spatial requirements is key to saving money when your lease renewal is due.

Increasing occupant comfort and wellness. Healthy workplaces drive productivity and employee health. Energy and maintenance costs may overshadow proposals to elevate the environmental quality of your indoor spaces. However, expert support can help you satisfy occupants and make savings.

Having flexibility for unexpected events. The pandemic demonstrated how vital it is to have flexibility in space management. Giving yourself room to adapt can allow your business to stay competitive and maintain productivity even when the unforeseen occurs.

* Allen Joseph G., Macomber John D. (2020) 'Healthy Buildings: How Indoor Spaces Drive Performance and Productivity,' Harvard University Press.

[†] www.forbes.com/sites/forbesfinancecouncil/2023/01/30/2023-office-market-outlook-optimal-space-utilization-is-key/

[‡] https://mediaassets.cbre.com/-/media/project/cbre/shared-site/insights/books/2022-cbre-global-workplace-and-occupancy-insights-media-folder/global-occupancy-insights_2022-2023.pdf?rev=7af7ba3d17cb4012b642d4faa83636eda

Better space performance

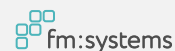
Enhancing occupant experiences

Johnson Controls is a global leader in smart, healthy, sustainable buildings. OpenBlue is our blueprint of the future – a complete ecosystem of connected technologies, expertise, services and digital solutions. By reading the live activity of a building, OpenBlue adapts to this information, continuously fine-tuning systems until the building performs optimally.

OpenBlue Enterprise Manager is the gateway to unlock your building's performance and deliver outcomes that matter most: Energy Efficiency & Sustainability; Operational Efficiency & Equipment Performance; Space, Wellbeing & Productivity; and Security, Safety & Compliance.

Leveraging building data to meet your goals

OpenBlue Enterprise Manager gathers and analyzes building data to assess its environmental health and how efficiently building systems are operating. It flags critical issues for action and provides recommendations on how to improve energy efficiency, reduce carbon emissions, optimize space use and equipment performance and ensure the health and well-being of occupants.



Leading workplace management software, **FM:Systems**, is now part of Johnson Controls.



Privacy by design

Privacy plays an essential role in everything we do, especially the data that is produced within the building. We have a privacy by design philosophy, which means our commitment to maintaining our customers' privacy and providing world-class data protection underpins the design of all products and services. Data privacy is embedded into every product we offer.

Improve utilization of real estate and amenities








Understand and improve space utilization by monitoring occupancy and equipment use, thereby improving your return on investment. Anonymized data can help you free up or repurpose spaces and support future planning. By gaining clear insights on how often occupants use workspaces and the times at which they do so, you can optimize work zones and drive workstation, room and restroom efficiencies and savings.

Enhance occupant wellness and productivity

Improve indoor air quality (IAQ) through data and analytics that identify air quality issues in specific spaces. With expert guidance, you can understand the criteria for selecting IAQ sensors to ensure a connected ecosystem that collects relevant data to enable clean air outcomes. You can even generate IAQ reports for operational purposes and to comply with building codes. With active monitoring of carbon dioxide levels, particulate matter and air changes per hour on display, your occupants will see your commitment to their well-being, productivity and comfort.




Show regulatory compliance and obtain certifications

Meet evolving regulatory standards and attain healthy building certifications to attract and retain tenants with automated monitoring for proactive compliance. You can issue standard and custom reports easily without the need for manual readings, saving your team valuable time. What's more, you can increase the value of your portfolio and charge premium rates for world-class spaces that assure tenants of healthy indoor air while saving energy.

-  Connectivity to BMS and extensive sensor network
-  Normalization of space performance data for benchmarking across regions
-  Global benchmarking and peer-to-peer comparison of building performance
-  Near real-time graphical representation of the status of rooms and desks
-  Automated identification of data gaps and data health issues with metering and other source data
-  APIs for integration with customer data warehouse and third-party reporting platforms
-  Detailed report analyzing the building's IAQ in the past month



Boost health and productivity with OpenBlue Enterprise Manager

-  AI-enabled clean air delivery and energy spend analysis
-  Leverage occupancy, IAQ and weather data to optimize HVAC operations
-  Extensive visualization and trending of KPIs; standard and custom reporting templates

Gather data for baseline status

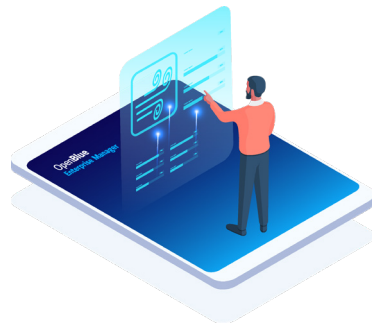
> *Analyze operations to improve*

> *Automate and optimize*

Create world-class spaces with digital solutions that boost productivity




Whatever your industry, portfolio size or the level of support you need, OpenBlue Enterprise Manager and FM:Systems offer you a suite of different digital solutions to drive space efficiency, optimal occupant experiences and health.

Workplace Advisor – Indoor Air Quality



Your first step to a healthier environment.




Measure, monitor and report indoor air quality to boost health and increase productivity.

-  Efficiently collect and view air quality in your building
-  Identify baseline IAQ levels to continually understand and spot opportunities
-  Communicate results for operational and maintenance purposes

Workplace Advisor – Space






Your first step to measure, monitor and report on your real estate portfolio's space performance. Measure and understand building utilization to drive long-term real estate savings and improved building operations.

-  Automated gathering and normalization of building utilization data from multiple sources and uniformly reported in a suite of dashboards
-  Live monitoring of people's interaction with the buildings they occupy to drive long-term real estate savings and improved building operations
-  Reports, recommendations and insights on optimizing your space

Critical Environments Advisor



The new standard for easy, accurate reporting – one simple view and multiple bottom-line benefits. Automate and improve accuracy of your building code compliance reporting to save up to 60%-70% of time and associated costs. Improve compliance for environmental issues to lower the risk of infection rates.⁵

-  Automate compliance reporting for operating rooms, labs, pharma freezers and other critical spaces
-  Enhance patient care as you promote compliance and gain the potential for higher reimbursements through improved HCAHPS scores
-  Integrate digital tools with your current building systems to monitor temperature, pressure and humidity




⁵ This is based on our research and findings of efforts undertaken by hospital personnel, efforts that can be automated by our digital solution.

Bridge physical and digital worlds for seamless experiences

Workplace Experience – Companion







Kick-start smart experiences for greater workplace productivity. A comprehensive solution for smart workplace experiences to connect teams and spaces for better collaboration and seamless building productivity.

-  Benefit from a personalized and secure smart office experience
-  Engage people and manage spaces, enhancing comfort, safety and productivity
-  Understand how your spaces are used, no matter the size of your facility or workforce

Workplace Experience Plus – Companion



Create a modern workplace of the future that enables the most engaging and productive environment for all occupants. Easy and frictionless integration with real estate and amenities to maximize occupant satisfaction.

-  Unlock productivity and efficiency with a smart office experience
-  Elevate occupant experiences by managing spaces effortlessly with innovative solutions
-  Gain powerful insights into how spaces and energy consumption are used
-  Understand how your spaces are used, no matter the size of your facility or workforce, helps with future investment planning



Accelerate your digital transformation with our professional services

Realize the potential of your chosen digital solutions with services designed to help you deliver smarter, healthier and more enjoyable workspaces.

Whether you need expert guidance and resources for effective deployment, ongoing technical support, regular insights on your building's performance or tailored proactive and predictive maintenance agreements for equipment optimization, we support you every step of the way.



Improve your **space utilization** by up to **20%** and **reduce energy and operations costs** by up to **20%** with OpenBlue Enterprise Manager.**



Zero-trust cybersecurity

Leading active security in all our products. Security is designed into all our products – Johnson Controls hardware, software and hosted services. We work with expert partners in government and industry to maintain our customers' compliance with regulations and build their resilience against the increasing number and range of cyber threats.

** These savings were achieved across specific projects we worked on with customers.

Partner with Johnson Controls for optimized building performance

We're leading the building transformation by creating a new class of smart, healthy and sustainable buildings with Johnson Controls OpenBlue. Our award-winning digital platform gathers data from siloed sources to provide a single view and baseline status of your operational technology. It tracks and analyzes operations, gives recommendations to improve performance and automates commands and work orders so that your building performs optimally.

Award-winning AI

Our award-winning AI is embedded into the OpenBlue Enterprise Manager suite of digital solutions and workflows. The automated predictive control of setpoints enables equipment optimization and the transition to autonomous buildings.

Explore the OpenBlue Enterprise Manager suite for solutions tailored to your outcomes



Unlock the performance of your building with Johnson Controls OpenBlue Enterprise Manager, learn more about [Space, Wellbeing & Productivity digital solutions at johnsoncontrols.com](https://www.johnsoncontrols.com)

About Johnson Controls

At Johnson Controls (NYSE:JCI), we transform the environments where people live, work, learn and play. As the global leader in smart, healthy and sustainable buildings, our mission is to reimagine the performance of buildings to serve people, places and the planet.

Building on a proud history of nearly 140 years of innovation, we deliver the blueprint of the future for industries such as healthcare, schools, data centers, airports, stadiums, manufacturing and beyond through OpenBlue, our comprehensive digital offering.

Today, with a global team of 100,000 experts in more than 150 countries, Johnson Controls offers the world's largest portfolio of building technology and software as well as service solutions from some of the most trusted names in the industry.