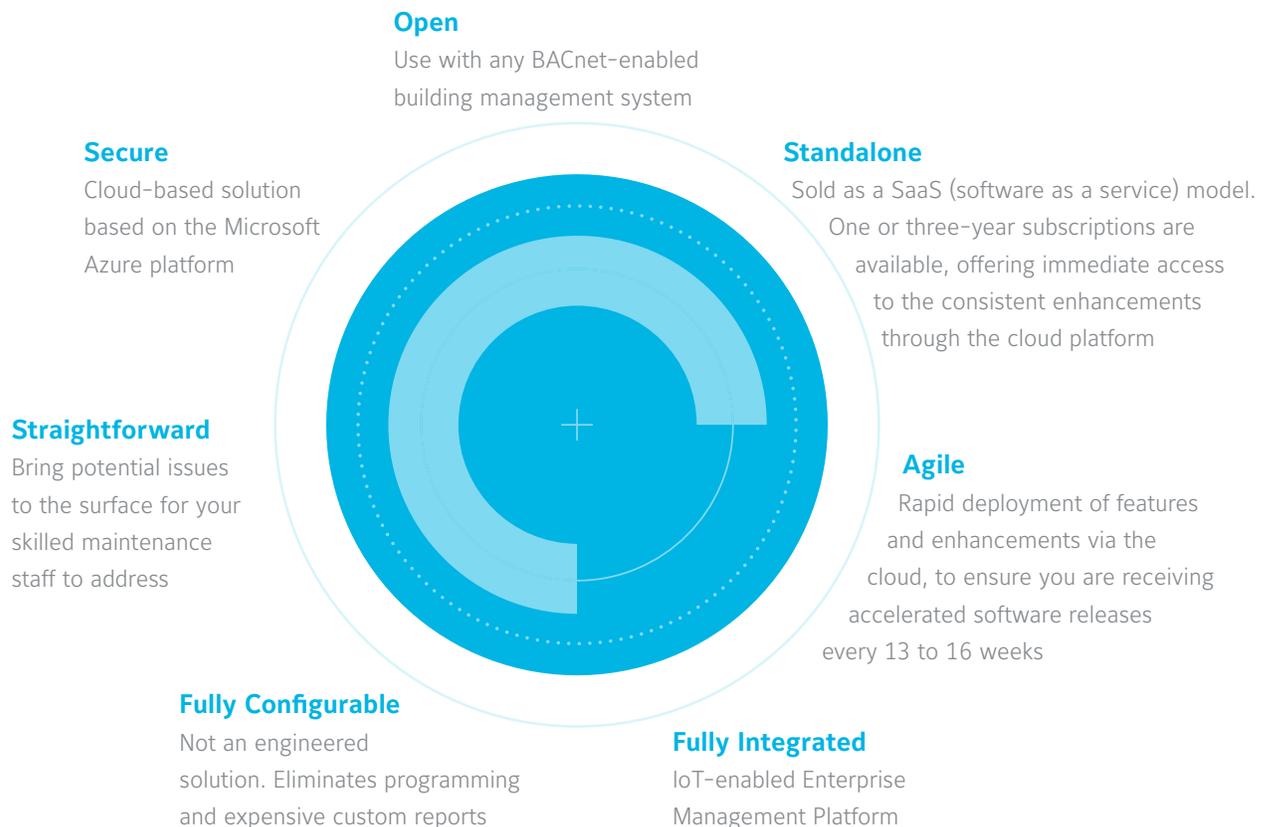


Johnson Controls Enterprise Management Platform

Power to manage. Power to optimize. Power to save.

Building systems are getting smarter. They're also creating an avalanche of data, increasing the need for a single-solution platform that empowers you to manage building comfort, reduce operating costs and improve energy efficiency. Johnson Controls Enterprise Management is an open, comprehensive analytical platform with cloud-based versatility. It proactively analyzes building data across your enterprise, identifying issues and faults. It looks for opportunities to improve performance. Pinpoints inefficiencies to reduce energy costs. Quickly identifies and diagnoses equipment problems. And, more importantly, helps take corrective action.

What Johnson Controls Enterprise Management is:



New features turning big data into significant operational savings

See your building systems in a whole new way with the open, one-stop Johnson Controls® Enterprise Management. Big data is transformed into unique visual insights. Configurable dashboards display multiple, colorful graphs and charts, providing a smart, personal view of your system. The easy navigation of Johnson Controls Enterprise Management targets key areas where operational savings are possible.

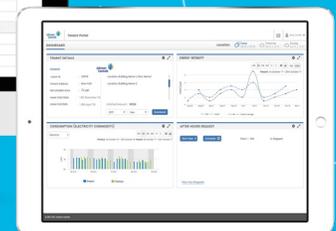
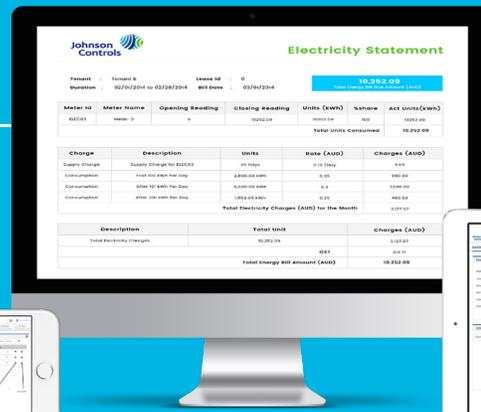


Kiosk

- Enables building owners to showcase their properties' energy conservation and sustainability programs
- Engages occupants and building stakeholders through a configurable, interactive dashboard
- Displays live data including energy and water usage and reductions in CO₂ emissions. Additional commodities are available
- Allows for changes in content, colors, and logos to keep information fresh. Non-technical users can handle updates
- Requires a separate subscription license; add-on feature

Tenant Management

- Improve your tenants' experience with your building through these three unique offerings.
- Requires a separate subscription license; add-on feature



Tenant Portal

- Provides building tenants with visibility into their specific energy consumption through a personal dashboard
- Allows each building tenant to track their energy consumption and cost (based on tariff or blended rates), make online after-hour requests and compare their energy use to other tenants
- Provides a key differentiator to tenants looking for a new building space

Tenant Billing

- Calculates true consumption of multi-commodities, such as electricity, water, and gas
- Assures each building tenant that they pay only for their energy consumption, rather than a flat rate based on square footage
- Offers a real sense of control over energy costs to tenants

Building Owner Portal

- Gives building owners visibility into each tenant's specific energy consumption and spend
- Tracks trends and provides a summary of after-hour requests for each tenant
- Allows building owners to suggest corrective action to tenants to help lower energy costs

Unlock the power of your building systems data with the open Johnson Controls Enterprise Management Platform

Johnson Controls Enterprise Management continuously analyzes data from metering systems, smart devices and any building automation system to identify opportunities for savings and efficiencies. There is no need to switch platforms or deal with multiple vendors. We offer an open, one-stop solution that roots out energy and equipment-related problems 24x7. A new enhancement, Tenant Management, provides separate tenant and building owner views into energy consumption, along with the ability to create detailed energy bills. Best of all, your user experience is up to you. Dashboards are user-friendly and operational right out of the box, with minimal configuration for a custom view.

Whether you manage one building or an enterprise, Johnson Controls Enterprise Management is scalable and able to connect multiple data sources across several geo-locations to a single platform, providing you with meaningful information.

Comprehensive analytics. Cloud-based accessibility.

Johnson Controls Enterprise Management software is activated through cloud-based licenses with a variety of subscription options. A wide range of licensing options let you tailor the system to your organization's specific needs and budget. Because Johnson Controls Enterprise Management is cloud-hosted, you will receive the latest features and enhancements the moment they're released. That's powerful.

Your key to optimal building system performance and operational savings



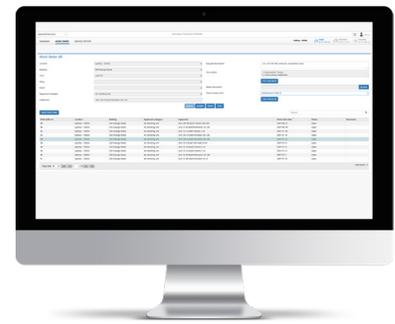
Energy Management

- Offers actionable information to the user through the Energy Fault Detection and Diagnostics (FDD) feature
- Monitors building system data constantly through the energy FDD and refreshes its evaluation every 15 minutes. Uncovers inefficiencies which can be early indicators of energy waste or comfort conditions that are not ideal
- Highlights issues uncovered by the energy FDD on your dashboard. With this information, users can identify the root of the problem right away and initiate corrective action
- Provides out-of-the-box dashboards which display energy demand and consumption information



Equipment Management

- Pinpoints the root cause of equipment issues 24x7 and initiates corrective action through Equipment Fault Detection and Diagnostics (FDD). The dashboard highlights any issues it finds, while smart diagnostics uncover possible causes
- Provides recommended actions to optimize performance
- Works in parallel with our Work Order Management System to quickly identify opportunities for improved performance, followed by the assignment of tickets to accountable team Johnson Controls Enterprise Management
- Requires a separate subscription license; includes Asset Maintenance (Work Order Management); add-on feature



Asset Maintenance (Work Order Management System)

- Generates and tracks work orders, checks service reports and measures maintenance team performance against KPIs with input from users
- Integrates with existing Computerized Maintenance Management Systems (CMMS), through API exchanges, which speeds software adoption and an immediate shift to results-oriented behavior. A separate subscription license is required for CMMS; add-on feature
- Aligns with Equipment Management to close the loop on equipment issues
- Note: Asset Maintenance is covered by the subscription license for Equipment Management

CLOSING THE LOOP



INFORMATION

Johnson Controls Enterprise Management collects critical data from your BAS and turns it into powerful information you can use to make decisions about your energy and operations strategies



OPTIMIZATION

Powerful analytics identify the root cause of problems, yielding actionable information to easily take corrective action



VISUALIZATION

Dashboards present information in a simple, intuitive way to help you quickly identify problems



What Johnson Controls Enterprise Management can do for you:

- Analyze building data across an enterprise
- Find opportunities for improved equipment performance
- Provide insight into corrective action
- Reduce energy costs
- Extend the life of assets
- Help meet sustainability goals and compliance
- Provide opportunities for improved personnel productivity