Johnson Controls Helps Turn Data Into Actionable Insights For Improved Operations & Efficiencies

Working Together to Simplify Operations

We recently worked with one of the world's largest real estate groups who were working to ensure operational effectiveness and tenant satisfaction at its leading facilities in India. The company has a presence across 11 countries in Asia, Australia, Europe and the United States, and has assets under management exceeding $14.5 billion. After extensive consultations with Johnson Controls, the company chose to implement Johnson Controls Enterprise Management platform in information technology (IT) parks in cities across India including Bangalore, Mumbai, Pune, Gurgaon, Hyderabad and Chennai.

The accessible and scalable platform of Enterprise Management provides energy analytics, fault detection and diagnostics functionalities as well as work order management – tools the company needed to identify root causes of issues and develop the appropriate corrective actions, all while achieving cost savings.

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Creating the Solution

The real estate company is focused on capitalizing on the fast-growing IT and logistics industries. The company owns seven IT parks and six modern warehouses in India with total floor area of 12.6 million sq. ft., encompassing 40-plus buildings. As a host to multiple mixed-use tenants and occupants, a variety of building management systems were in place across a large geographic area but operating in silos without any cohesive ecosystem.

With more than 120,000 data points and 5,000 utility meters, the company needs to measure data from water treatment plants, cooling towers, chillers, generators for power backups, energy meters, water meters, BTU meters, activity at substations and billing modules. In order to consolidate the large infrastructure and give decision makers a macro view of activity across building campuses in six different cities, the intelligent platform of Johnson Controls Enterprise Management provides large-scale analysis including portfolio benchmarking, per capita consumption, square footage use, and spending and cost savings opportunities.

Meaningful Outcomes

The real estate company recognized their need for powerful software and continuous optimization to provide them with advanced answers, and signed a partnership with Johnson Controls to meet their goals. Onboarding data into the Enterprise Management platform at a steady and high-performance rate gave them early insights on savings opportunities and methods to optimize operations across its properties. Johnson Controls Enterprise Management is system agnostic, meaning it can ingest data from any building system. Because of this, the solution deployed quickly and robustly with a clear roadmap designed to drive standardization and operational effectiveness.

Recognizing that data is a valuable resource, the real estate company now has the platform and techniques to discern intelligent and actionable insights out of that mass of information. Dashboards provide visualization of the information in a simple and intuitive way to help quickly identify and solve irregularities and concerns.
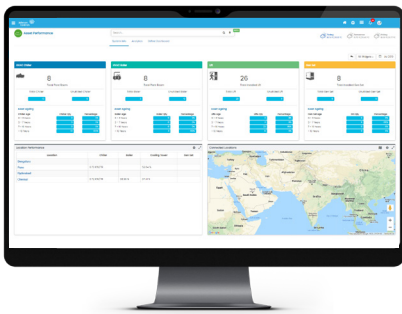
The Johnson Controls team worked to understand the challenges and importance of creating actionable solutions to elevate the real estate profile. Once the firm understood the Johnson Controls advanced solution, a landmark partnership was formalized between the real estate firm and Johnson Controls.

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Asset Performance & Maintenance Management

Fault Detection & Diagnostics are used to generate and track work orders, review equipment fault trends, and converse with the customer directly through the app.
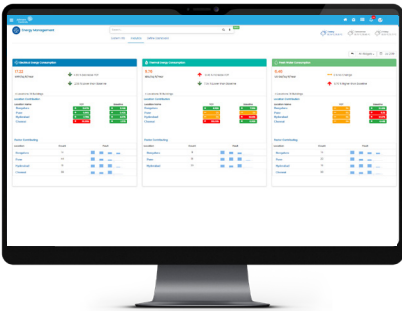
Financial Health & Utility Bill Management

A broad view of costs and returns related to utility consumption, people services, space/infrastructure services, and capital expenses can be tracked and managed for each enterprise location.

Energy Management

Pro-actively analyze energy and equipment data to identify issues, faults, and opportunities for improved performance and operational savings from a wide range of building systems.

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About Johnson Controls

Johnson Controls is a global leader creating a safe, comfortable and sustainable world. Our 105,000 employees create intelligent buildings, efficient energy solutions and integrated infrastructure that work seamlessly together to deliver on the promise of smart cities and communities in 150 countries. Our commitment to sustainability dates back to our roots in 1885, with the invention of the first electric room thermostat. We are committed to helping our customers win everywhere, every day and creating greater value for all of our stakeholders through our strategic focus on buildings. For more information, visit www.johnsoncontrols.com or follow @johnsoncontrols on Twitter.

The Future of Smart Buildings

With more than 130 years of experience in the security and buildings industries, no other company offers a more comprehensive building technology portfolio than Johnson Controls.

**Learn more about Johnson Controls Enterprise Management at
www.johnsoncontrols.com/digital**