HONEYWELL FORGE

CONNECTED SOLUTIONS

Connect buildings to outcomes that matter

Applications for Service Providers

ELEVATE YOUR SERVICE OFFERINGS WITH ADVANCED APPLICATIONS & SERVICES

As a service provider, you can leverage a continuously evolving suite of advanced capabilities and applications designed to give your experts the insights, workflows, and connected access needed to maintain a high-quality and secured service for the buildings you support.

UNLOCK BENEFITS SUCH AS:

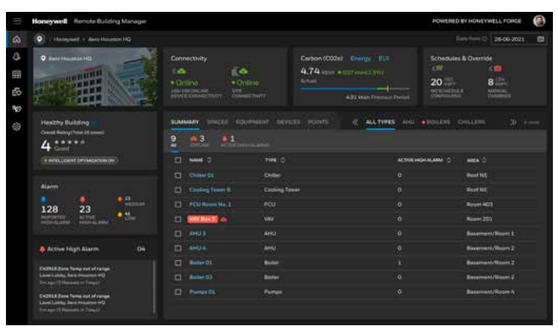
- Fault identification
- Remote triage and issue resolution
- Lifecycle and obsolescence tracking
- Enhanced analytics and custom reporting
- Facilitating your customers' desired outcomes

REMOTE BUILDING MANAGER

This cloud application enables building owners and tenants to easily monitor equipment, manage energy, and identify potential cost savings, from anywhere. It offers secure access to Building Management System (BMS) alarms, schedules, equipment, devices and spaces.

KEY FEATURES & OUTCOMES:

- Zero Engineering: Utilizes a virtual model provided by the data fabric, requiring minimal configuration
- System Agnostic: Compatible with Niagara-based systems, Enterprise Buildings Integrator (EBI), and third-party systems
- Remote Monitoring & Control: Access portfolio-wide dashboard views for anytime, anywhere control
- Intuitive Dashboards: Visualize real-time details and trends regarding comfort, energy, alarms, and KPIs
- Point, Schedules & Alarms: Easily view and edit schedules, alarms, and setpoints at any level – such as by site group, individual site, zone, and equipment levels

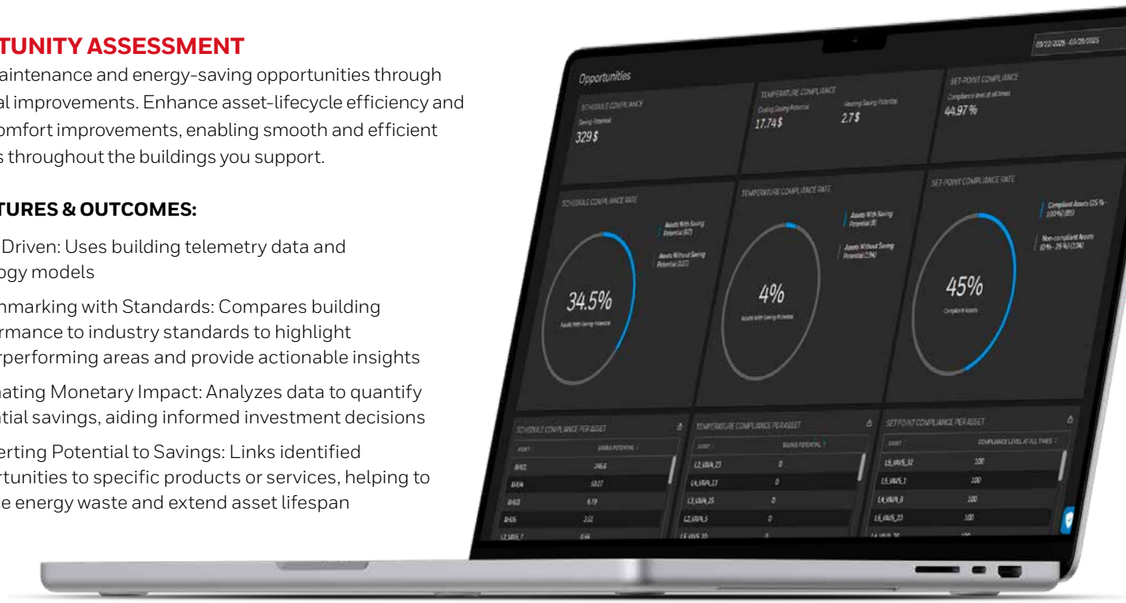


OPPORTUNITY ASSESSMENT

Identify maintenance and energy-saving opportunities through operational improvements. Enhance asset-lifecycle efficiency and uncover comfort improvements, enabling smooth and efficient operations throughout the buildings you support.

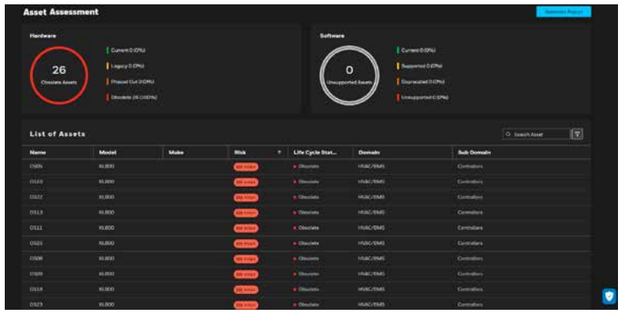
KEY FEATURES & OUTCOMES:

- Data-Driven: Uses building telemetry data and ontology models
- Benchmarking with Standards: Compares building performance to industry standards to highlight underperforming areas and provide actionable insights
- Estimating Monetary Impact: Analyzes data to quantify potential savings, aiding informed investment decisions
- Converting Potential to Savings: Links identified opportunities to specific products or services, helping to reduce energy waste and extend asset lifespan



ASSET LIFECYCLE ASSESSMENT

This tool provides insights into asset lifecycle status, enabling strategic planning for replacements and upgrades.



KEY FEATURES & OUTCOMES:

- Data-Driven: Offers real-time status updates of building assets
- Asset Lifecycle Status: Displays lifecycle states with associated risks and actionable recommendations
- Upgrade Recommendations: Identifies obsolete assets and suggests replacement options
- Obsolescence Reporting: Generate and export asset obsolescence reports in PDF and Excel formats
- Enhance Customer Engagement: Aids in proactive asset management and customer budget planning
- Reveal Additional Revenue Opportunities: Identify obsolete equipment needing upgrades to elevate revenue potential

PREDICTIVE MAINTENANCE

Helps minimize operating and maintenance costs while enhancing equipment uptime and occupant comfort. Predictive Maintenance supports a shift from planned to on-demand maintenance, enabling quick issue identification through continuous data analysis.

KEY FEATURES & OUTCOMES:

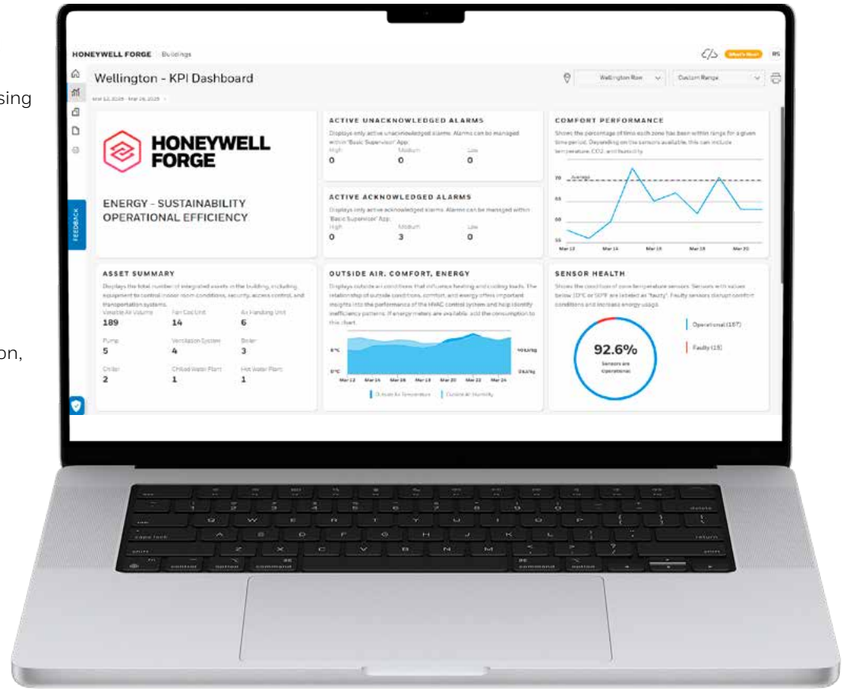
- Improved Building Performance: Identifies necessary repairs, enabling maintenance teams to address issues efficiently
- Early Detection of Asset Maintenance: Real-time data alerts for any asset issues, designed to reduce downtime and costs
- Reduction in Site Visits: Enables remote fault triage, reducing the necessity for technician visits and lowering field service costs
- Centralized Operation Centre: Manage multiple sites from a central location, reducing overall management costs
- Critical Facility Uptime: Quick resolution to occupant requests and system issues helps improve both comfort and operations
- Enhanced Employee Productivity: A unified user interface minimizes training needs and task completion times

INSIGHT BUILDER

Insight Builder is a very powerful reporting tool that enables you to create custom dashboards and gain deeper insights by using a combination of data sources. This tool is part of the Unified Portal..

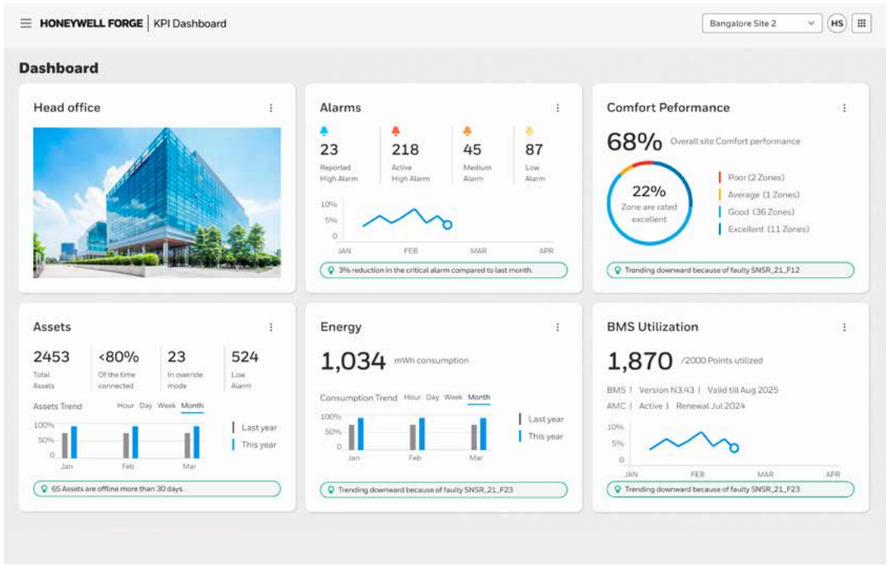
KEY FEATURES & OUTCOMES:

- Customizable Dashboards: Create site-specific dashboards to visualize data as needed
- Pre-Built Templates: Access various templates for quick dashboard creation, including bar charts and tables
- Data Integration: Assess and analyze service cases, telemetry data, faults, and alerts effectively
- Report Generation: Easily generate, schedule, and share PDF reports directly from dashboards
- Utilization of Asset and Sensor Data: Monitor and manage portfolios effectively using sensor data



UNIFIED PORTAL – KPI DASHBOARD

Help optimize the buildings you support with clear, convenient insights that make a difference, such as meaningful trends in energy use, customer comfort, asset health, and performance.



KEY FEATURES & OUTCOMES:

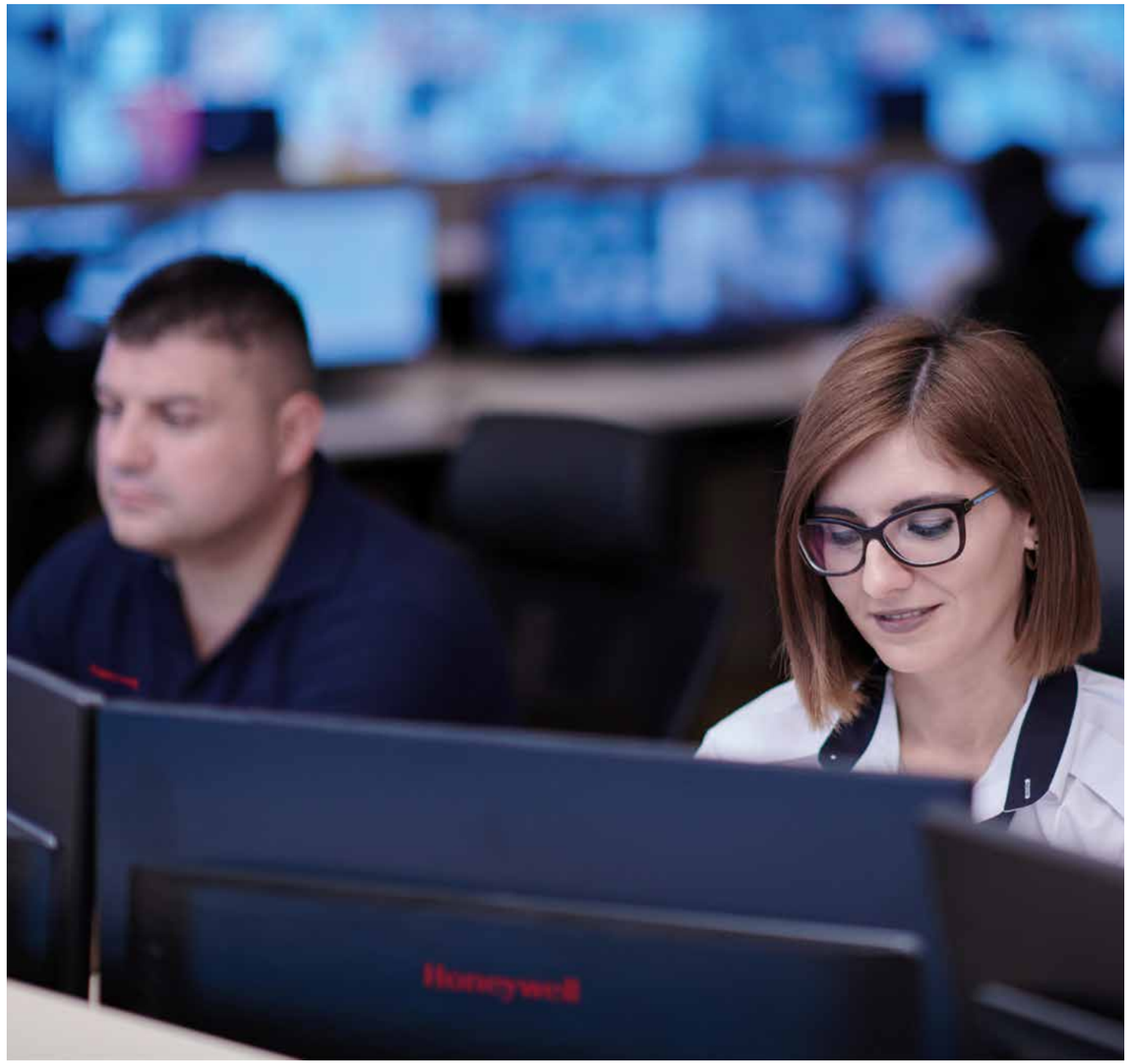
- Integrated Platform: Consolidates various applications into one seamless user experience
- Centralized Remote Operation: Enhances collaboration across teams via a shared information platform
- Customizable Dashboards: Tailor dashboards to visualize key data metrics
- Real-time Data Insights: Monitor performance proactively with access to real-time data from various systems

HONEYWELL BUILDING OPERATIONS CENTERS

Offering rapid, remote operational support for all types and sizes of commercial buildings, the Honeywell Building Operations Center brings over 30 years of technical expertise. Our global team enables sites to receive support at any time – 24/7/365.

KEY FEATURES & OUTCOMES:

- Improved Customer Support: Quick response to emergency calls and remote issue resolution
- Proactive Management: 24/7 monitoring for early issue detection
- Uptime Protection: Reduced site visits needed through efficient remote support
- Cybersecure: Hosting services improve security for operations
- Reporting: Deliver comprehensive site performance reports and analytics



Applications for End Users

ELEVATE YOUR BUILDING WITH ADVANCED APPLICATIONS & SERVICES

Discover a growing suite of innovative software applications crafted to provide building owners and operators with essential insights and automation. Our solutions help you achieve critical outcomes, such as improving life safety and cyber security, advancing sustainability goals, and optimising operational efficiency.

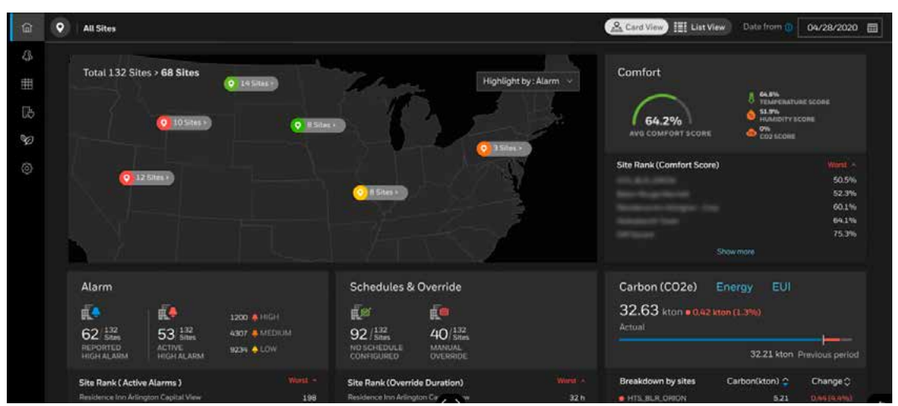
CARBON & ENERGY MONITORING

Elevate building performance and efficiency with in-depth insights into energy consumption and carbon emissions (Scope 1 and Scope 2) across your assets, sites, and portfolios.

This application is designed to make it easier to control energy consumption and scope 1 and 2 carbon emissions through smarter control of equipment, schedules and more. The clear visibility into building performance through smart meters, sensors and utility data helps keep sustainability top-of-mind and prioritize actions.

KEY FEATURES & OUTCOMES:

- Integrate with almost all Building Management Systems: Enables you to manage alarms and alerts, monitor points, adjust schedules and proactively control your building
- Monitor Live Meter Data: Provides insight into live meter data for CO_2 emissions, energy and utilities
- Benchmark Your Sites: Integrate seamlessly with EnergyStar® to benchmark sites and elevate your EnergyStar score
- Manage Utility Data: Streamline utility bill management, automate analysis, and enhance tenant billing accuracy
- Support Healthier Environment: Tracks multiple Indoor Air Quality (IAQ) measures and helps building operators and occupants understand IAQ through KPI dashboard
- Identify Energy Consumption: Enables non-intrusive load management for a simpler way to break down energy consumption at equipment level

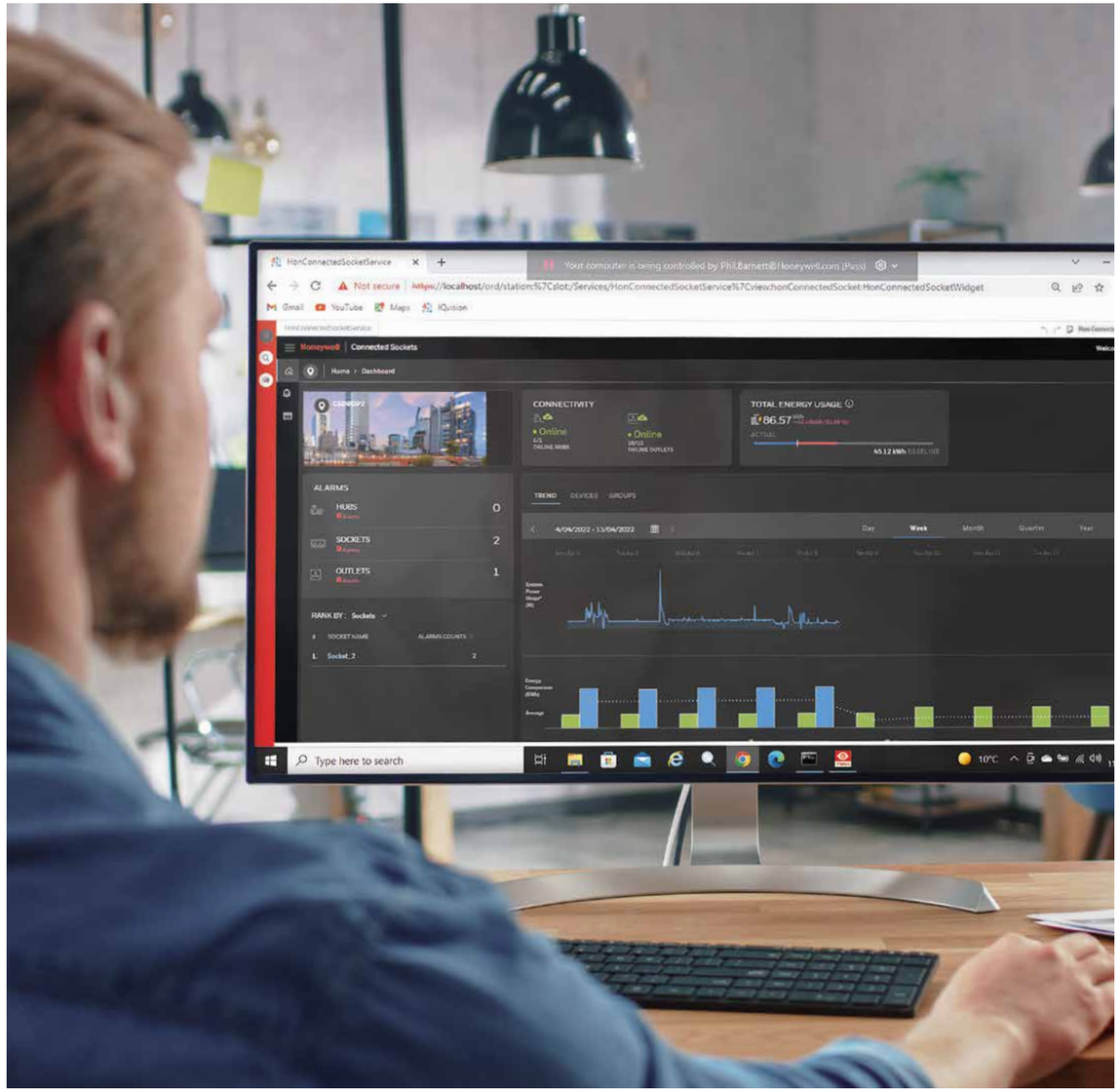


CONNECTED POWER

Power management that integrates with almost all Building Management Systems to provide precise monitoring and control of plugged-in power sources in commercial buildings. Connected Power improves energy management and cost savings, giving building managers visibility and control of small power usage down to the individual outlet level.

KEY FEATURES & OUTCOMES:

- Energy Monitoring: Gain a clearer understanding of your building's energy consumption
- Outlet Level Control: Schedule and manage alarms, group outlets, and control them remotely
- Seamless Integration: Easily integrate Connected Power into any Niagara-based BMS
- Critical Asset Monitoring: Improve the safety of high-value equipment with real-time monitoring and alert systems
- Safety Features: Control high power usage per outlet and detect elevated outlet temperatures



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THE FUTURE IS WHAT WE MAKE IT

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