Optimizing building equipment maintenance models through the power of the cloud
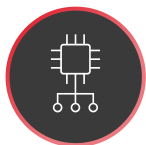
Data-driven maintenance approaches can help building and real estate portfolio managers get more out of their maintenance agreements and building equipment assets than scheduled maintenance models. The **Honeywell Forge Digitized Maintenance** solution identifies equipment faults before malfunctions occur with the help of internet of things (IoT), analytics, and machine learning. Quick and easy to install and manage, it delivers the visibility and transparency you need to transform your maintenance model, to reduce maintenance and energy costs, extend equipment lifecycles, and improve business continuity. Creating transparency into equipment needs and maintenance activities connects facility managers and service professionals to shift the culture around equipment maintenance and improve productivity.

Honeywell | **Microsoft**

Honeywell Forge Digitized Maintenance

Transforming the equipment maintenance model

Connect systems securely
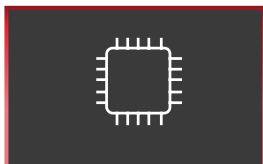Establish a single, secured connectivity strategy between all systems and buildings.

Collect intelligence
Visualize analytics, performance metrics, and pre-fault alerts.

Optimize operations
Realize ROI quickly by transforming maintenance processes.

- **Deploy a system-agnostic solution** that can auto-discover and consolidate data from elevators, lighting systems, power systems, HVAC and comfort systems, alarms and security systems, access controls, and more.
- **Identify performance anomalies** or critical equipment issues faster using machine learning analytics than through a scheduled maintenance approach.
- **Facilitate outcome-based service** by receiving algorithm-based recommendations to fix problems, automatically creating service cases, and dispatching them to service personnel.
- **Save money** by transforming your maintenance model to reduce maintenance and energy costs, improve equipment performance, extend equipment lifecycles, and enable business continuity.
- **Empower people** (vendors, technicians, building managers, and occupants) to work more efficiently and productively.
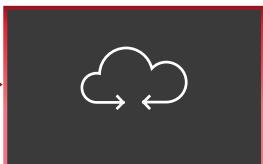- **Employ a secure solution that scales** as your needs change or your buildings or portfolios grow.

Easy deployment
Auto-discover and seamlessly connect within minutes to building systems and/or BMS using this system-agnostic solution
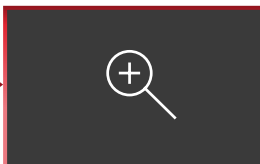
Smart connectivity
Capture comfort performance, asset health, and energy performance KPIs

Powerful cloud
Use machine learning to analyze data, identify performance anomalies, offer resolution recommendations, and create service cases

Actionable insights
Deliver meaningful insights, pre-fault alerts and service tickets in a web-based dashboard or through a Honeywell app

Business optimization
Transform business models by shifting from hourly to KPI-based service contracts, improving asset performance, and extending equipment lifecycles

About Honeywell
Honeywell is a Fortune 100 technology company that delivers industry-specific solutions that include aerospace products and services; control technologies for buildings and industry; and performance materials globally. Its technologies help everything from aircraft, buildings, manufacturing plants, supply chains, and workers become more connected to make our world smarter, safer, and more sustainable.

Ready to get more from your maintenance agreements and equipment assets?

→ For more information, contact connectedbuildingforge@honeywell.com

→ Learn more about Honeywell Forge Energy Optimization

→ Learn more about Azure IoT Hub