



**HONEYWELL  
FORGE**

# **UNLOCK YOUR DATA. RAISE YOUR PERSPECTIVE.**

Honeywell Forge Connect is the simplest, fastest way to connect diverse building systems, normalize and distribute data to a secured cloud environment – without capital expense.

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Honeywell Forge Connect

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Commercial buildings require dozens of independent systems to operate, which creates complexity, prevents valuable performance reporting and analysis and makes remote management impossible. This hinders business optimization – especially across a portfolio of buildings – by limiting strategic decision making and forcing business leaders to manage operations in silos around their organization.

### A SINGULAR VIEW OF OPERATIONAL PERFORMANCE

Honeywell Forge Connect is a breakthrough connectivity service that leverages advanced Machine Learning models to quickly unlock building performance data and unify that data across a portfolio. With this secured cloud connection between systems and buildings, enterprise leaders can visualize and compare operational KPIs to improve their strategic investments

by applying artificial intelligence and autonomous control solutions through applications that optimize and centralize portfolio performance like never before.

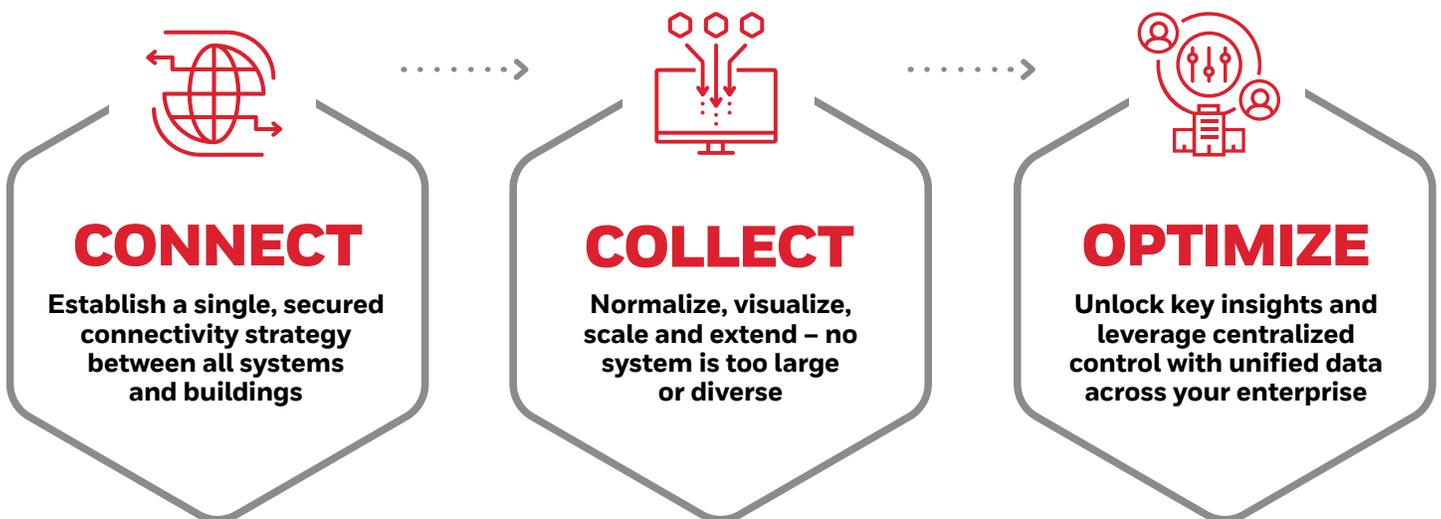
#### How Does It Work?

Honeywell Forge Connect thrives on system diversity, using hundreds of drivers to auto-discover both modern and legacy systems in a building – regardless of their manufacturer. The solution then utilizes a Unified Data Model to

drive normalized performance data to a secured cloud environment, which enables customers to scale and extend applications across their enterprise portfolio – without the need to rip and replace existing systems. This empowers business leaders to visualize portfolio performance in real-time, optimize processes through advanced analytics and artificial intelligence and futureproof their infrastructure with a secured, open and extensible connectivity strategy.

### UNIFIED DATA. ENTERPRISE INSIGHTS.

Honeywell Forge Connect is more than a connectivity strategy. It's an asset to your business.



# FEATURES AND BENEFITS



## SIMPLE

System agnostic, easy mobile set up for an always on, wired and cellular gateway that's optimized to auto-discover your systems and assets.



## SCALABLE

Extensible driver framework (200+ drivers) with data normalization, context and cleansing to future-proof your systems as your enterprise grows and changes.



## EXTENDABLE

Cloud Builder API readiness enables 3rd party application integration across your fleet of buildings.



## PROVEN

Technology based on the the trusted Niagara Framework® with global install base.



## SECURED

Automatic security updates ensure continuous protection and data encryption in motion and at rest.



## SMART

Remotely managed software updates deliver new features seamlessly to keep your business "future ready".

## DO-IT-YOURSELF GATEWAY DEPLOYMENT

The Honeywell Forge Connect gateway comes ready to be deployed and can be installed with minimal user interaction. Simply follow these steps found in the Quick Start Guide (included in your delivery):



### INSTALL

Install the gateway in your desired location, connect power and network cables.



### CONFIGURE

Utilize your mobile phone to answer a simple questionnaire to configure and register your gateway in minutes.



### CONNECT

Honeywell team then takes over remotely and notifies you when your cloud connection is complete.

## HOW EASY IS IT TO GET CONNECTED?

**Option 1:** Wired Connection to Honeywell Forge (Customer Network)

**Option 2:** Cellular connection to Honeywell Forge

- a. Add on service (additional fee)
- b. Antennas provided with hardware
- c. 3G or 4G service performance in most countries

## PRODUCT SPECIFICATIONS

### Software Details

Honeywell Forge Connect uses software container technology that is remotely managed by Honeywell. The Honeywell Forge portal is capable of automatically pushing new software updates. As part of the Honeywell Forge Connect service, Honeywell will ensure the software on your gateway remains up to date.

### Core BMS Protocol

Gateway has built-in support for the following BMS protocols.

- |                           |           |
|---------------------------|-----------|
| 1. BACnet/IP              | 4. OPC UA |
| 2. Foxs (Niagara Network) | 5. oBIX   |
| 3. Modbus TCP             | 6. SNMP   |
|                           | 7. MQTT   |

### Gateway Capacity

A single gateway can collect point data from the BMS system and stream history data of 10,000 points continuously to the Honeywell Forge Cloud (at 1-minute sample intervals) Capacity may vary depending on the driver(s) being used in gateway. Most of the core drivers support the maximum gateway capacity.\*

\*Each site may vary, please contact your Honeywell customer success manager for more details.

### Hardware Specifications:

Detailed hardware specifications are available. Visit Honeywell's Tridium page to download: <https://www.tridium.com/en/products-services/building-automation>

### Honeywell Connected Enterprise

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THE  
FUTURE  
IS  
WHAT  
WE  
MAKE IT

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