CONNECT YOUR BUILDING
TO YOUR CRITICAL OUTCOMES

Together, we're building your connected future:
One where the systems throughout each building readily
connect to each other to maximize the performance
and flexibility of your operations – whether you integrate,
operate or own one building, or thousands.

Connected Building Performance

Honeywell

IT'S TIME TO REIMAGINE
WHAT CONNECTED CAN DO

The capabilities and convenience of connected applications for consumers are merely the prelude: Simplifying connectivity across building systems and equipment is the critical enabler that establishes the next era of business operations and building automation.

When it's easy to connect buildings from edge to cloud, it becomes easy to integrate and analyze data sitewide – helping you and your service experts optimize energy efficiency and resilience, streamline compliance, mitigate risks, and protect uptime.

MAKE "CONNECTED" YOUR STARTING POINT

When facility systems and data are siloed and only accessible on site, it's harder to achieve and maintain optimal building performance. Yet up to now, connecting building systems has typically been an afterthought that only gets implemented when a specific goal becomes a priority, such as emissions monitoring.

Introducing connectivity in this narrow ad-hoc fashion can require greater costs and complications, and may miss the benefits of connecting other systems not related to that initiative.

That's why we've now made convenient, secure connectivity a default capability for virtually all Honeywell software, systems, and devices. Reduce the burden on IT departments, eliminate the extra time and cost of special "connectivity" initiatives, and move straight to the benefits, with universal connectivity.

Because when it's easy to connect every building system from the start, you can gain a unified view of your entire facility and a new world of capabilities – such as managing buildings from anywhere to more effectively protect uptime, resolve issues, and optimize performance.

To keep up with these evolving demands, building management and building services also need to evolve to provide smarter capabilities on demand that fully leverage the value of connected real-time data.

MEGATRENDS ARE RESHAPING THE WAYS WE USE & OPERATE BUILDINGS

From the devices we use to manage our personal lives to the systems that help protect buildings from fire, the expectation is clear: Connected technology should have a prominent role in improving daily experiences and long-term outcomes, for individuals and for organizations.

So as building owners and operators face increasingly complex global trends that change how we use buildings, they're also being challenged to meet a wide variety of goals for improving occupant experiences and business outcomes.

Energy efficiency & sustainability

Countries and companies are committing to sustainability and unprecedented funding: 145 countries representing 90% of emissions have carbon reduction targets.[1]

Rising cost of downtime

One hour of downtime can cost more than $1M for mid-sized and large companies.[2]

Complying with new guidelines

Municipalities and governing bodies are increasing new cyber and ESG guidelines: New York City Local Law 97 requires 40% emissions reduction for the city's largest buildings by 2030.[3]

Age of buildings

More than 75% of commercial floorspace in the United States was built before 1999,[4] and 76% of Europe's office buildings are at risk of obsolescence by the end of this decade if improvement investments aren't made;[5] 72% of existing building stock in Asia Pacific region requires some type of optimization to meet tenant needs.[6]

Labor shortages

19.5% of engineers currently working in the UK are due to retire by 2026, leaving a skills, knowledge and experience gap,[7] and the decrease in BMS engineers entering the industry will result in a 3X shortage by 2040.

CONNECTED BY DEFAULT
DRIVES SMARTER OUTCOMES

YOUR HORIZON HAS EXPANDED

Connectivity is a means to bigger ends – and by making it a secure, convenient option from the start, your possibilities expand.

Manage assets more effectively to improve performance and extend lifecycles. Make data-based decisions to optimize operations and investments. And leverage building operations to achieve outcomes that matter for your organization.

CONVENIENT CONNECTIVITY FOR ON-DEMAND FLEXIBILITY

Using Honeywell technology, building operations can now securely connect to cloud-based applications within minutes and hours. How? Because we've made connectivity a core capability of everything we design, from sensors and devices to software and platforms.

Since it's now a native feature throughout our technology, that also means it's easy to use automation and AI to auto-discover and connect components in under an hour – dramatically reducing labor time, costs and disruption.

And once it's native, connectivity becomes the key enabler for a whole ecosystem of on-demand capabilities – because when it's easy to connect, you can choose what you want to connect to, when and where.

ACHIEVING THE OUTCOMES THAT MATTER MOST REQUIRES A HOLISTIC STRATEGY SOFTWARE, SERVICE, SMART EDGE PRODUCTS

THEN: DISCONNECTED

- Siloed systems and data
- Custom-engineered connectivity
- On-premise
- In-house facility team

NOW: CONNECTED

- Integrated systems for insights
- Native connectivity by default
- Cloud & mobile
- Outsourced & remotely managed FM
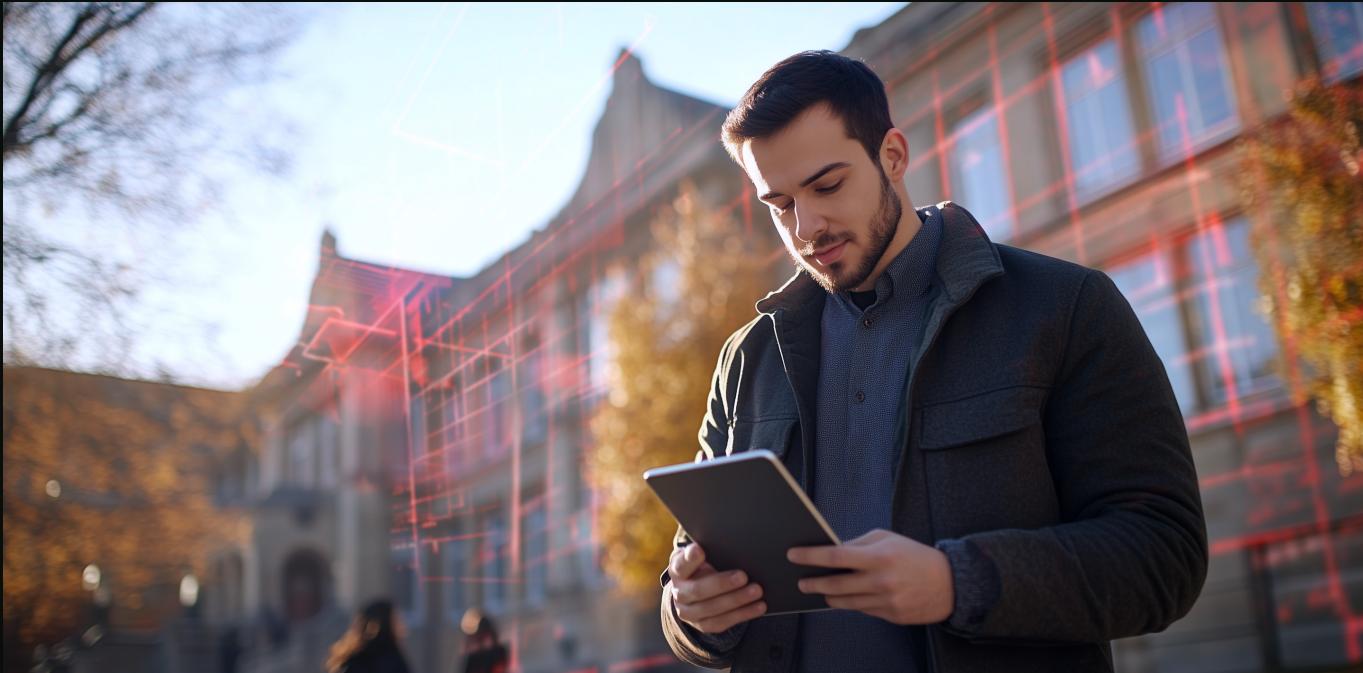
CONNECTED APPLICATIONS

Choose from a growing suite of software applications and services designed to give building owners and operators the insights and automation to more effectively achieve the outcomes your organization needs, such as:

• Improving life safety and security

• Supporting sustainability goals

• Optimizing operational efficiency

REMOTE SERVICES

Service providers can likewise choose from an evolving suite of advanced capabilities and applications, designed to give your experts the insights, workflows, and connected access they need to continuously maintain consistent, responsive, high-quality service for the buildings you support.

• Identify faults faster

• Remotely triage and fix issues

• Track lifecycles and obsolescence

• Review analytics and generate custom reports

• Help your customers achieve the outcomes they care about

SERVICE-PROVIDER PORTAL

As part of our service-provider connectivity, this self-service portal helps you easily onboard clients and sites, and manage users and subscriptions. Additional capabilities are regularly added – like the API marketplace that helps you further optimize connections to third-party systems and data to quickly adapt to the specific needs of the buildings you support.

CONNECT PEOPLE
TO INSIGHTS
TO AUTOMATION
TO OUTCOMES
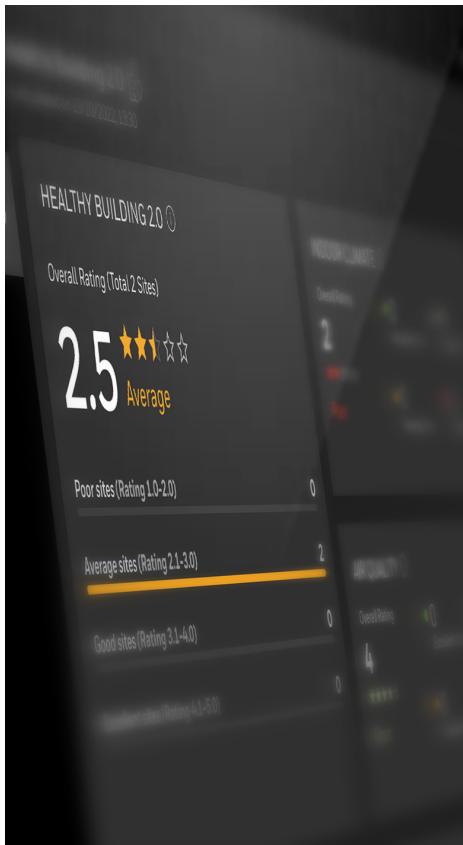
INSIGHTS AND AUTOMATION TO ACHIEVE OUTCOMES THAT MATTER

When a building is fully connected, you can gain more comprehensive data and visibility into how it operates – and you can more easily identify actions to help it operate more efficiently with fewer risks.

STREAMLINE COMPLIANCE

Manage and demonstrate compliance with guidelines and regulations, ranging from industry standards to government mandates.

PROTECT UPTIME

Whether your operational dynamics are "24x7 always on" or a premium commercial site where tenant satisfaction requires fast response to specific needs, uptime of assets and services is essential for avoiding disruption or lost revenue.

MITIGATE RISKS

Create a reliable building environment by improving system uptime and incident management.

OPTIMIZE ENERGY SAVINGS

Buildings use a lot of energy – but with better service and automation, you can reinforce efforts to meet sustainability goals, using capabilities ranging from building management systems and advanced software controls to energy resilience and plug-load management.

SOURCES

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THE NAME
BUILDINGS TRUST
HONEYWELL

Helping buildings achieve safer, smarter, and more efficient operations has been the bedrock of our business for generations – which is why today, Honeywell software, systems, and technologies are in more than 10 million buildings worldwide.

How? Because we've established expertise in each part of the job, from developing software and equipment, to integrating open systems – and engineering the connectivity that buildings of all types depend on to achieve outcomes that matter.

Multiply the performance of your building systems – with Honeywell

Honeywell Connected Performance

buildings.honeywell.com

**THE
FUTURE
IS
WHAT
WE
MAKE IT**

Honeywell