

CONNECT YOUR COMMUNITY TO A SUSTAINABLE FUTURE

Integrated solutions for smarter towns and cities



Honeywell

THE FUTURE STARTS HERE

Just what is the “city of the future”? Theories might seem as numerous as towns and counties across the country, because local governments often face unique challenges. Yet some needs are universal – and as municipalities small and large can attest, Honeywell knows how to help.

THE CITY OF THE FUTURE, TODAY

Local governments of every size and variety feel the pressure to improve long-term viability by becoming smarter or safer, more resilient, more sustainable – or all of these things. As technology reshapes our risks and opportunities, many cities and counties must adapt. This, in turn, means helping citizens, officials, and visitors adopt new habits to see that your community stays vibrant and responsive – for decades.

Honeywell can help. Regardless of size or location, you can lower operating costs, create a safer environment, and enhance economic development – making your community a more desirable place to live.

WHAT MAKES A CITY SMART?

Data, integration, and analysis – plus a little old-fashioned innovation.

By coordinating data and digital technologies, your community can make better-informed decisions that help improve quality of life. For instance, installing connected sensors on physical infrastructure like bridges or city lights can

help crews identify potential issues earlier when they're easier to fix, preventing costly breakdowns and disruptions.

Comprehensive, real-time data gives your departments the tools to more effectively monitor environs and events, understand how needs and demands are changing, and respond with faster, lower-cost service.

Up to now, many cities have thought of “smart technologies” as back-office tools for improving efficiency behind the scenes. Yet now connectivity and smart capabilities are part of daily life. Smartphones, in particular, have become the keys to the city – giving residents instant information about traffic, transit, health services, safety alerts, and community news.

These are trends your town can both enable and capitalize on.

For example, if your community needs to reduce water usage, it might be as straightforward as using smart meters to trigger timely mobile alerts to remind residents about conserving. Some

communities have reduced consumption by as much as 15% through such comparatively simple efforts.

WHAT MAKES A CITY SUSTAINABLE?

Leadership, collaboration, and planning.

With a commitment across departments to streamline needs for energy, water, and food, as well as the volume of waste, pollution, and heat, you can make your community more sustainable. For broader benefits, these steps can also be incorporated into urban planning, city design, and community initiatives.

WHAT MAKES A CITY RESILIENT?

Preparing for long-term challenges, as well as short-term crises.

This includes emerging trends such as the effects of climate change and fossil-fuel shortages, as well as more immediate hazards like cyber threats, terrorism, or natural disasters. With the right plans and precautions, your emergency services, critical infrastructure, and governmental functions can better maintain availability to respond when needed.



Sustainable Energy and Environmental Services

Reduce energy expenses. Improve your environmental footprint. And protect infrastructure. These are the steps you take now to improve viability for years to come – and Honeywell can help.



OPTIMIZE YOUR RESOURCES

Start with renewable energy

We assess your access to sources like solar, wind, biomass, and geothermal.

Reduce greenhouse gas emissions

Plan for climate challenges with an inventory of your current emissions, plus ongoing monitoring and carbon-emissions monetization.

Preserve water

Save more with low-flow controls for faucets, toilets, and showers. We also explore options such as water-bottle refill stations, Energy Star equipment for laundry, and smart irrigation for green spaces and athletic fields.

Harvest rainwater

A low-cost way to augment municipal water for exterior uses like landscaping.

Streamline demand response

During peak demand, pre-approved equipment can be turned off automatically, and HVAC equipment can cycle on and off to save energy.

Improve insights with utility submeters

Track energy use in detail to make better-informed plans on savings and upgrades.

Leverage public-private partnerships

From decisions on financing, to design, construction, commissioning, and maintenance, we can facilitate virtually any phase of a public-private partnership.

Adopt energy-management software

Honeywell Energy Manager helps you monitor, control, and optimize energy use.



PROTECT INFRASTRUCTURE INVESTMENTS

Energy savings performance contracts

Fund vital infrastructure improvements using guaranteed energy and operational savings. A holistic infrastructure solution tailored for your community optimizes central plants, distributed energy systems, renewable energy, and more.

Maximize energy control and resilience

Smart grids and microgrids are proving their value as resilient alternatives to main power grids. Increase your control of demand and delivery, even in the face of disruptions such as bad weather.

Accelerate life-safety responses

Sophisticated fire and life safety systems can help you react quickly to better protect people and property. Our Command and Control Suite enables first responders to manage a crisis in real time while gaining control over events as they unfold.

Intelligently monitor security

Increase safety and security city-wide with connected video surveillance, intelligent threat and intrusion detection, mass notifications, and more.

Improve efficiency with HVAC retrofits

We prepare a detailed analysis of how efficiently your HVAC systems run, and where you can get greater value from repairs, replacements, or upgrades.

Green roofs

This cost-effective, renewable measure provides a variety of environmental benefits, such as better CO2 reduction, insulation, and storm-water management.

Cybersecurity

Honeywell uses a structured framework to provide end-to-end cyber protection, including assessments, monitoring, and remote management to help protect your systems, assets, and people from potential threats and incidents.



ENHANCE CRITICAL FACILITIES

Monitor building systems remotely

The Honeywell Pulse™ app gives facility teams real-time equipment monitoring and mobile alerts for faster responses.

Provide guided way-finding

Whether they're in your community every day or just passing through, help people navigate inside buildings, reserve spaces, locate people, and more – all from a simple app, branded with your city or department.

Increase energy savings in real-time

Intuitive dashboards for emissions and energy help promote and track efficiency.

Proactively optimize your infrastructure

Honeywell's growing suite of software capabilities known as Honeywell Forge, give you a diverse range of insights and capabilities, from predictive maintenance to optimized space utilization, and more.

Find out how Honeywell can help
your community thrive.

BuildingSolutions.Honeywell.com



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