



# 2016 CORPORATE CITIZENSHIP

Creating and Nurturing Programs That Serve a Global Community and Our Hometowns, Too

**Honeywell**

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**With nearly 50% of our revenue linked to energy efficiency, Honeywell can help the world face its energy challenges.** In fact, if Honeywell's existing technologies were widely adopted today, energy demand in the U.S. could be reduced by 20-25%.



# Introduction

Honeywell's innovations help to make our world cleaner and more sustainable, more secure, connected, energy efficient, and productive; a world where people and organizations have the tools to be even more successful.

Nothing is as important as ensuring a clean, safe, and healthy environment for our families, colleagues, neighbors, and communities for many years to come. That's why Honeywell integrates health, safety, and environmental considerations into everything we do.

Good business, economic growth, and responsibility can – and must – go hand in hand. That principle is what guides Honeywell as we grow and accelerate productivity while meeting – or exceeding – all applicable regulatory standards. Both in our own practices, and in the technological innovations we create, we are working toward a cleaner, safer, and healthier world.

Honeywell's **Sustainable Opportunity Policy** couples safeguarding natural resources and worker and public health with discovering new possibilities to innovate by promoting and developing opportunities to increase global sustainable capacity. These goals are met with many of our technologies that increase fuel efficiency, improve security and safety, and reduce emissions from harmful pollutants.

We are proud that businesses around the world rely on our safety and energy-efficient technologies. They use Honeywell innovations to minimize risks, and – when problems do happen – stop them from escalating to emergencies. And they use our technologies to improve energy and resource efficiency and to reduce their environmental footprints.

Health, safety, and environmental functions at Honeywell are not separate from business operations. Strong leadership support, employee engagement, and management system principles are integrated into the Honeywell Operating System (HOS). HOS is a comprehensive, integrated business approach that drives sustainable improvements in safety, the environment, quality, delivery, cost, and inventory.

Just as Honeywell is committed to creating tools and solutions, using a blend of both physical assets and also software to improve people's quality of life, we are committed to making a measurable difference in our own neighborhoods and communities. Honeywell Hometown Solutions combines focused leadership, financial support, and volunteerism to address local neighborhood needs where Honeywell can make a lasting impact.



**\$38.6 BILLION**  
in sales (2015)



**129,000**  
employees



**1,300 SITES**  
70 countries



**HEADQUARTERS**  
Morris Plains, NJ

Honeywell's  
innovative  
technologies are  
making our world  
**cleaner** and more  
**sustainable**,  
more **secure**,  
**connected**,  
**energy efficient**,  
and **productive**.



#### **Cleaner and More Sustainable**

We provide solutions that promote good and safe living and better quality of life by enabling a cleaner, more sustainable environment today and for future generations. Our low-global-warming-potential refrigerants and biofuels are next-generation products that support environmental preservation.



### **More Secure**

Honeywell personal protective equipment and security software enabled technologies can help keep an emergency from becoming a tragedy, and our security solutions for buildings, industrial facilities, and national defense help protect us from emerging threats. We're also a leader in advanced in-flight and on-the-ground avionics to keep travelers safe.



### **Connected**

Honeywell's connected technologies deliver comfort, energy efficiency, safety, and productivity in a wide variety of settings – even within the most demanding environments. Our physical products are supported by advanced software; they are practical; easy to install, use, and maintain; and can be counted on to deliver superb performance and value.



### **Energy Efficient and Productive**

Honeywell solutions help customers be better, faster and more efficient, by effectively managing comfort and security from remote locations, keeping passengers in touch everywhere they fly, and providing tools to work and live smarter. For instance, fuel efficient turbochargers are improving vehicle fuel economy, connected home comfort systems are helping homeowners save on energy bills, and smart building solutions are integrating all systems to increase control and energy.



# Addressing the World's Energy Challenges

PEOPLE AROUND THE WORLD ARE USING MORE ENERGY THAN EVER BEFORE. WITH GLOBAL ENERGY CONSUMPTION EXPECTED TO INCREASE BY 48% BETWEEN 2012 AND 2040, THE WORLD FACES BIG CHALLENGES THAT REQUIRE A BALANCED PERSPECTIVE.

Today, we must address important and urgent questions about how to generate, deliver, and use energy in more intelligent and efficient ways.

At Honeywell, these questions spur us to develop uniquely innovative technology and services and software solutions tailored to the residential, commercial, industrial, and transportation sectors. By combining energy efficiency and reliability, clean generation, and sustainable practices, we're driving economic growth while creating a more vibrant, secure future.

## With Nearly Half of Honeywell's Revenue Linked to Energy Efficiency, the Company Is Well-Positioned to Address the World's Energy Challenges.



### **Challenges**

Energy is a big issue. According to the International Energy Outlook 2016, total world energy consumption will grow by 48% between 2012 and 2040. We must use the solutions we have in hand now while we research and develop solutions for problems that still escape our grasp.

Honeywell today offers numerous solutions that drive energy efficiency. And we continually develop new technologies leveraging our deep expertise in energy efficiency to create solutions for tomorrow's challenges.

Our commitment to be more efficient and responsible also is reflected in the extensive work we do to make our own businesses more environmentally friendly, safer, and more sustainable.

### **More than 125 Years of Innovation**

Honeywell's roots in energy efficiency began more than 125 years ago. Throughout the years, our continued product innovations and applications have cemented Honeywell as a global industry leader.

# Our Innovation in Energy Efficiency Spans a Broad Array of Industries and Offerings



## Residential Households

As a pioneer of the modern thermostat, Honeywell has been the leader for more than a century in designing energy solutions for homes around the world. Our technological breakthroughs are designed to reduce energy use without sacrificing comfort or security. In more than 150 million homes, Honeywell products, components, and systems deliver temperature control, comfort, energy conservation, and safety.



## Commercial Buildings

Honeywell has been a market leader in energy management building solutions for the past three decades. Commercial

buildings need to be efficient, connected, and affordable. Honeywell can help meet all these needs with industry-leading technologies in automated building controls, energy-management solutions with insulation and refrigerants, and remote monitoring.

- **Energy Savings Performance Contracts (ESPCs):** As a pioneer of the ESPC industry, Honeywell has provided opportunities for entities of all sizes and financial positions to upgrade critical facilities and infrastructure with energy efficient technologies, while minimizing their financial and technical risk. We've completed more than 5,700 guaranteed efficiency projects in facilities around the world. Combined, this work is expected to decrease customers' energy and operating costs by an estimated \$6 billion.
- **Utility Technology and Services:** Honeywell is a leader in managing demand response and energy efficiency programs for utilities. This includes providing a range of technologies that trim electricity use in homes and buildings, as well

## OUR PRODUCTS LINKED TO ENERGY EFFICIENCY



### Programmable Thermostats

Depending on location and usage, programmable thermostats can reduce energy consumption by an average of 5 to 15%.



### Energy-Savings Performance Contracts

Honeywell helps institutions such as government, universities, schools, and hospitals through guaranteed savings from energy efficiency measures.

as services to recruit and support program participants. In particular, demand response allows grid operators to connect with their residential, commercial, and industrial customers to temporarily adjust energy use during times of peak demand, helping improve grid reliability and stability.

- Honeywell has helped connect more than 150 million homes to more than 200 utilities globally for demand response and energy efficiency programs. Utilities have the potential to control more than 2 gigawatts of peak energy use, equivalent to the generating capacity of approximately 40 gas-fired peaking plants, and almost 20 times the power needed to operate all NFL stadiums in the United States on any given Sunday.
  - Honeywell's industrial smart grid controls reduce plant carbon emissions up to 15% by using the plant's electrical turbines only when needed.
- **Cloud Analytics and Management:** In addition to selling energy efficiency products and solutions, Honeywell offers cloud-connected technology and our world-class expertise to advise building owners on how to achieve optimal levels of energy efficiency and building performance.



### Industrial Facilities

With a broad portfolio of industry-leading hardware, software, and service offerings, Honeywell's energy efficiency products and solutions make a big difference at industrial facilities, which consume about 22% of all energy used in the United States today. These technologies include advanced controls with wireless sensors; process engineering with sophisticated automation; and technology innovations for oil refineries, pharmaceutical operations, factories, and power plants.

Honeywell improvements for refinery operators can reduce energy consumption by up to 15%.



### Transportation

Under the hoods of vehicles around the world, Honeywell's turbochargers are enabling better fuel economy under increasingly stringent CO<sub>2</sub> emissions standards. Honeywell also has developed technologies to produce alternative, lower-emission energy sources such as Honeywell Green Diesel™ and other fuel from biofeedstocks including non-food sources like camelina, jatropha, and algae. In the aerospace industry, new and efficient air traffic management and flight management systems for commercial and business aircraft reduce emissions with precise take-off and landing routes and more direct flight plans.

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## HONEYWELL'S ENERGY STORY IS RICH IN HISTORY AND BROAD IN ITS GLOBAL IMPACT.

FROM REFRIGERANTS, TO INSULATION BLOWING AGENTS, TO SOLVENTS, TO RENEWABLE FUELS, HONEYWELL ALSO DEVELOPS LEADING PRODUCTS TO HELP REDUCE GREENHOUSE GAS EMISSIONS.

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### Biofuels

Honeywell has commercialized technology to produce transportation fuels as well as power and heat from renewable sources.



### Turbochargers

Honeywell's turbochargers meet increasingly stringent fuel economy and CO<sub>2</sub> emissions standards in markets all over the world.

# Honeywell's Energy Efficiency Journey Started at Home



HONEYWELL ROUND 1953

## Leading Every Step of the Way: From the Earliest Thermostat to the Connected Home

The Honeywell "Round" of the 1950s is perhaps the most iconic global image of energy management due to its vast prevalence, even today, in homes and commercial buildings around the world.



HONEYWELL LYRIC™ 2014

## Honeywell's Latest Innovative Wi-Fi Thermostat: Comfort Made Simple

Today, Honeywell has created the home of the future with a new family of innovative connected home products. Our Lyric thermostat allows homeowners to control their thermostats from anywhere in the world. Lyric also can adjust thermostat settings automatically, simply by using the location of the homeowner's smart phone.

For more than 125 years, Honeywell has led continued innovations in residential energy management. From connected homes to "smart cities" to an increasingly connected world, and to future innovations, Honeywell will continue to pave the way into the future.



### Connected Home

With capabilities such as geo-fencing, voice control, touchscreens, and automated demand response, Honeywell offers homeowners options to control their comfort from wherever they are.



### Connected Worker

Honeywell software, technologies, and personal protective equipment improve safety and productivity while boosting bottom-line profitability for the companies they serve.

## Improving Energy Efficiency in Buildings and Facilities Since the 1930s

Parallel to our leadership in the residential sector, Honeywell also has led energy efficiency developments in the commercial and industrial sectors for more than 75 years. During the 1930s, the newly formed Minneapolis-Honeywell Regulatory Company continued to diversify its products and services beyond home heating into areas such as industrial process controls and commercial heating. Honeywell has come a long way since these basic commercial services – from leveraging electrical and pneumatic systems in the 1950s, to the first computer-automated energy management solutions in the 1960s, to energy savings performance contracts in the 1980s, to “smart buildings,” “smart cities,” and “smart grids” in the 21st century. The use of Honeywell technologies have helped homes, buildings, the electrical grid, and entire cities become more connected and smart in how they operate and interact with humans.

## Pioneering Unique Solutions for Energy Efficiency

Realizing that energy efficiency improvements can be a costly upfront investment, Honeywell led an effort in the 1980s to create a means for cash-strapped schools and other public entities to upgrade their deteriorating facilities, reduce energy consumption, and better control their costs using Energy Savings Performance Contracts (ESPCs). With an ESPC, organizations receive a third-party loan for the project capital. The customer then pays back the loan from the annual energy and operational savings the improvements deliver; in turn, energy services companies, such as Honeywell, guarantee those savings.

Recent examples include an energy-savings improvement program for New Jersey-based Hillsborough Township Public Schools to help boost energy efficiency, reliability, and comfort in the district’s facilities. When complete, the

upgrades are expected to reduce the school district’s annual operating costs by approximately \$1 million, while promoting a better learning environment for students and faculty. And in 2014, Honeywell kicked off an ESPC-funded project at the U.S. Army’s Rock Island Arsenal (RIA) in Illinois. The work started with upgrades at an onsite manufacturing facility and has since expanded to buildings across the garrison. Once complete, RIA is expected to eliminate its reliance on coal-fired heating, and reduce energy use by 35% and water consumption by 30%, saving millions annually.

## Utility Programs That Deliver

Honeywell also is a market leader in designing and implementing turnkey solutions for utilities to adjust base and peak energy loads through energy efficiency and demand response programs. These solutions give building owners – whether residential, commercial, or industrial – a financial incentive to help lessen the pressure on the electrical grid while increasing energy reliability.

Along with energy efficiency programs, the Company designs, delivers, and markets programs that help utilities and their customers temporarily reduce or shift energy use when overall demand spikes, also known as Automated Demand Response (ADR). Honeywell’s ADR technology is based on an innovative two-way connection between energy providers and energy users. On the commercial side, facility managers can



### Solstice Propellant

Honeywell’s Solstice Propellant is the only non-flammable, ultra-low-global-warming-potential propellant available today.



### Experion® Process Knowledge System

Honeywell’s Experion PKS unifies process, business requirements and plant asset data so that operators can reduce energy consumption.



preemptively set parameters and directives on what actions to take during a peak energy event – actions that are automatically implemented when the utility sends a signal to onsite building management controls. For example, non-essential lighting can be shut off, HVAC settings turned down, and motor and pump settings adjusted. Across multiple buildings and industrial sites, these small changes don't impact comfort or operations, but have a collectively significant impact on grid stability.

Honeywell helped shape the foundation of ADR, working closely with the Lawrence Berkeley National Laboratory and other agencies to make the concept come to life. We also had the foresight to make sure our ADR controllers are compatible with all major building control systems. These ADR systems represent one of the most important breakthroughs in smart grid technology, and Honeywell is the brand trusted worldwide to ensure buildings run their systems efficiently, to manage peak events to keep energy costs low. For 30

years, Honeywell's Smart Grid Solutions team has helped more than 60 utilities worldwide exceed energy efficiency and demand response goals, as well as manage the grid while improving overall customer engagement and satisfaction. We're currently involved in ADR programs in the United States and around the world, including groundbreaking projects in Australia, China, India, and the UK.

### Next-Generation, Cutting-Edge Technology

Honeywell recently launched its Command and Control Suite, which combines intelligent automation, advanced analytics, and visualization with the simplified experience of today's home and mobile electronics. The Command Wall, a touchscreen user interface, is the core of the suite and is accompanied by Enterprise Dashboards that present detailed energy data and actionable guidance to help control consumption and boost efficiency.



### Air & Ground Management Systems

Our systems enable planes to fly direct routes, land quickly, and taxi efficiently without sacrificing safety, empowering airport operators to reduce flight delays and cancellations.



### Honeywell Green Jet Fuel™

Honeywell technology produces a renewable jet fuel from natural oils and non-food sources that can be used as a blend in commercial aircraft.

Command and Control Suite technologies integrate with Honeywell's flagship building management platform, Enterprise Buildings Integrator (EBI), which helps facilitate the integration of security, comfort, life safety, and energy systems. EBI gives users a single point of access and consistent view to information, and resources that enhance the ability to monitor, manage, and protect a facility, campus, or multi-site operation.

With residential and commercial buildings consuming about 40% of total U.S. energy consumption and 60% of the world's electricity we know that innovative commercial and industrial solutions can achieve a tremendous global impact. A large part of Honeywell's market-leading product portfolio is focused on helping building operators to manage their internal energy use, allowing entities to finance these solutions, and providing services to help our clients best optimize their energy usage.

For example, Honeywell's Enacto™ is a cloud-based energy monitoring management platform that delivers comprehensive, accurate, and actionable energy intelligence to multi-site organizations in the commercial and retail sectors to help reduce energy costs and increase savings. The software enables management to analyze energy, consumption patterns of assets at the site level and across multiple sites. Users can see where energy is being wasted and identify opportunities to reduce energy consumption and improve efficiency.

### Smart Building Score

Buildings no longer serve solely as physical structures to shelter their inhabitants, but increasingly define the quality of life of the people that dwell and work in them. Americans spend as much as 90% of their lives in buildings—whether in homes, offices, recreational, retail, or public service facilities.

As technology advances, buildings become even more

complex. In 2015, Honeywell introduced the Smart Building Score, which evaluates a building's use of 15 technology assets that make a building greener, safe, and productive, based on the systems' overall capabilities, coverage of the facility, and uptime. So far, Honeywell has launched the Score in the United States, China, India, and the Middle East.



## Technologies for a More Sustainable World

Today, our environmental controls, energy management systems, life safety devices, security systems, sensors, scanners, and mobile products are at work in homes, buildings, and public and private utilities around the world, keeping our customers comfortable, secure, and productive.



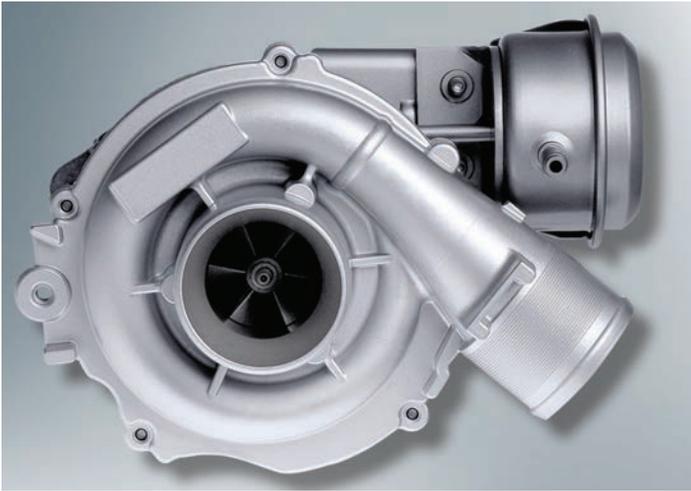
### Smart Grid — Automated Demand Response

ADR provides commercial/ industrial utilities the technology to automate energy reductions on the hottest days to save money and stabilize the grid.



### Tridium Niagara

This solution enables buildings that are smarter, more efficient, use less energy, have lower costs, and contribute to a sustainable environment.



# Reducing Growth of Energy Demand in Transportation

## Vehicles Turbocharged by Honeywell

For more than 60 years, Honeywell has been an innovator in the transportation sector with turbocharger technology that meets increasingly more stringent fuel economy and CO<sub>2</sub> emissions standards in markets all around the world. In 1955, Honeywell predecessor Garrett launched the T15 turbo for the Caterpillar D9 crawler tractor, marking the beginning of the turbocharged era for the automotive industry.

The turbo innovation that fundamentally changed the automotive landscape arrived in 1991 with Honeywell's VNT (Variable Nozzle Turbine) technology for the Fiat Croma. For the first time in history, a turbocharger was able to adjust exhaust gas flow in direct response to specific engine requirements, delivering superior performance and the no-compromise benefit of better fuel economy and reduced emissions.

Turbochargers help smaller engines perform like larger engines. By using a smaller, turbocharged gasoline engine, a vehicle can deliver up to 20% more fuel efficiency than a larger, non-turbocharged gasoline engine with the same power.

The effect is even more pronounced in diesel engines, with fuel efficiency gains as high as 40% over an older naturally aspirated gas engine with the same power. Honeywell has supplied turbos to more than 130 million vehicles in its history, launching on average 100 new applications annually.

As an integrated engine technology, Honeywell also has hundreds of applications already in development representing programs with nearly every major vehicle manufacturer in the world.

By drawing on Honeywell Aerospace resources and expertise, the pace of innovation has quickened as Honeywell's automotive turbos are approaching standards and sophistication comparable to that in the aviation industry.



## Water Heater Controls

Honeywell Gas Water Heater Controls have mixing valves that prevent scalding by combining hot and cold water to achieve a pre-set temperature.



## Command and Control Suite

This software combines automation, analytics, and visualization with the user experience of today's home and mobile electronics.

The turbo is keeping pace with other engine developments related to aerodynamics, material sciences, temperatures, and advanced bearing systems, as well as through weight reductions and improved packaging to optimize applications. Honeywell also is helping automakers improve fuel economy, reduce material costs, improve the vehicle performance, and minimize warranty expenses by developing software that can optimize powertrain controls, replace physical hardware, and improve vehicle connectivity.

Honeywell remains uniquely positioned in its ability to combine and pair turbocharging with engine downsizing as well as hybrid and electrical powertrains and even fuel cell technology – all of which will continue to play a key role in the search for more energy efficient and powerful engines for the next several decades.

### **Saving Energy at the Airport**

With more than 100 years of experience in the aviation and airports sectors, Honeywell is uniquely qualified to support growth and development of the world's airports. Our leading-edge technologies make airports safer, more comfortable, and more energy efficient and productive.

In the terminal, our building management systems integrate comfort, security, safety, and energy efficiency by providing a single way to manage information and resources. Our energy management offering includes Energy Savings Performance Contracts, Automated Demand Response, and the use of renewables. The result is improved efficiency and reduced energy and operational costs through simplified setup, scheduling, and control.

We also are on the runway with aircraft- and ground-based solutions that improve the safety and efficiency of takeoffs and landings.

### **Real Fuels From Renewable Sources Honeywell Green Diesel™**

Another Honeywell innovation is Honeywell Green Diesel, an alternative, lower-emission diesel made from biofeedstocks such as camelina, jatropha, or algae, instead of crude oil. Made by refiners using Ecofining™ process technology, Honeywell Green Diesel is a cleaner-burning fuel that can be used alone or in combination with petroleum-derived diesel. Because it is chemically identical to traditional diesel, Honeywell Green Diesel can be used in today's tanks, pipelines, trucks, pumps, and automobiles without infrastructure changes.

Honeywell Green Diesel supports environmental preservation as the full lifecycle for this fuel reduces greenhouse gas emissions by as much as 85% compared with petroleum fuel.

### **Honeywell Green Jet Fuel™**

Made from the UOP Renewable Jet Fuel Process, Honeywell Green Jet Fuel meets or exceeds the most rigorous jet fuel standards for performance, and can be made from a variety of sustainable feedstocks. It also can be blended in a 50/50 ratio with petroleum-based jet fuel. Offering significant advantages over petroleum jet fuel, Honeywell Green Jet Fuel can reduce greenhouse gas emissions by 65-85% compared with petroleum-based fuels, based on UOP's lifecycle analysis. It also has shown higher energy density in flight, which allows aircraft to fly farther on less fuel. In March 2016, Honeywell announced that United Airlines will use Honeywell Green Jet Fuel to power 12,500 flights from Los Angeles to San Francisco as part of its efforts to reduce carbon emissions and support energy diversification.



### **Sustainable Energy Use Reduction**

The SMARTLINK® DS is an actuator to control the precise mix ratio of air, fuel, gas, steam, chemicals, and liquids in industrial combustion applications, which can reduce energy usage.



### **Solstice Family of Products**

A line of low-global-warming-potential hydrofluoroolefins that have a positive impact on climate change by reducing greenhouse gas emissions.

# Reducing Environmental Impacts with Low-Global-Warming-Potential Products and Renewable Fuels

## Honeywell Innovations Achieving Environmental Breakthroughs

We have been at the forefront of innovation in air conditioning, refrigeration, and insulation for more than five decades. Today, Honeywell is a world leader in the development of refrigerants, insulating blowing agents, solvents, and aerosols that not only make life more comfortable and energy efficient, but also are better for the environment. Honeywell has led this area of innovation, pioneering the development of these products and working closely with manufacturers to help them upgrade to safe, environmentally preferable and more energy-efficient alternatives.

Solstice®, the Company's brand of low-global-warming-potential (GWP) refrigerants, blowing agents, aerosol propellants, and solvents, provides responsible alternatives to flammable hydrocarbons as well as traditional high-GWP hydrofluorocarbons (HFCs). As countries phase down the use of high-GWP materials for lower-GWP alternatives, Honeywell is well positioned with a complete line of Solstice products. Honeywell's Solstice products have a GWP 99.9% lower than



the products they replace. We estimate that use of Solstice materials will eliminate more than 475 million metric tons of CO<sub>2</sub> equivalents by 2025. That's like removing 100 million cars from the road – or all the private cars in Germany, France, and the UK combined.



## Wireless Industrial Sensors

These devices measure performance-generating energy savings for manufacturers.



## Aerospace — Weight Reduction

A lighter aircraft is faster and more efficient than a heavy one. Honeywell solutions help reduce weight and boost performance.

Spray foam insulation formulated with Honeywell Solstice Liquid Blowing Agent outperforms currently used HFCs, providing greater insulating value and lower GWP. Honeywell foam blowing agents also are used to formulate foam insulation used in roofing, which creates a seamless, monolithic seal and reduces energy expenses due to heating and cooling loss compared with alternative roofing systems.

Through these products, Honeywell has helped industries and governments across the globe lower operating costs, create better products, and meet environmental regulations. We are proud of the impact Honeywell's Solstice low-GWP products have made and will continue to make in our world.

### **Biomass to Power**

Biomass residues such as forest residuals or agricultural byproducts are a largely untapped source for making renewable power, heat, and transportation fuels. Honeywell



offers Rapid Thermal Processing™ (RTP) technology that uses a fast thermal-conversion process to convert that solid biomass into a light, pourable, clean-burning liquid biofuel. The liquid can be used as a direct replacement for fossil fuels in a number of applications, such as industrial furnaces and boilers. RTP is a cost-effective solution that can reduce lifecycle greenhouse gas emissions up to 90% compared with petroleum-based fuel, depending on application and biomass transport distance.

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HONEYWELL HAS ACHIEVED TREMENDOUS IMPACT WITH CUSTOMERS AROUND THE WORLD. OUR PRODUCTS AND SERVICES ARE DIVERSE, AND AS A MARKET INNOVATOR FOR MORE THAN 125 YEARS, HONEYWELL'S OFFERINGS ARE THE SOLUTIONS OF CHOICE. AS AN INDUSTRY THOUGHT LEADER, HOWEVER, WE TAKE THINGS A STEP FURTHER – WE'VE LOOKED AT OUR OWN COMPANY TO DETERMINE HOW HONEYWELL'S OPERATIONS CAN INCREASE ENERGY EFFICIENCY AND REDUCE GREENHOUSE GASES.

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### **Engineering Innovations/HPS Industrial Controls**

When combined with UOP's technology, these controls help producers achieve up to 15% reduction in energy costs.



### **Insulation Sealants**

Spray-foam insulation formulated with Honeywell Solstice™ Liquid Blowing Agent provides insulating value with a lower-global-warming-potential.

# Honeywell Drives Energy Efficiency at Our Facilities



WE ARE PROUD OF THE IMPACTS ACHIEVED IN PARTNERING WITH OUR CUSTOMERS, BUT WE ARE ALSO PROUD OF OUR ENERGY EFFICIENCY IMPROVEMENTS WITHIN OUR OWN HONEYWELL BUSINESSES.

The Honeywell Operating System (HOS), which drives sustainable improvements and the elimination of waste in our manufacturing operations to generate exceptional performance, is a critical component in how we think about energy efficiency internally at Honeywell.

We apply the rigorous methodologies and culture of HOS to ensure we measure and track progress to achieve our aggressive sustainability, energy efficiency, and greenhouse gas reduction goals internally at Honeywell.



## Smart Grid & Energy Management Solutions

Honeywell's Smart Energy business, which includes newly acquired Elster, drives efficiencies for electricity, water, and gas utilities.



## Cool Air Economizers

Honeywell's Cool Air Economizers cool buildings with fresh air, which, in some climates, can increase heating and cooling efficiency as much as 5%.

## Leadership

In 2004, under Chairman and CEO Dave Cote's leadership, Honeywell developed a sustainability program to reduce its greenhouse gases and improve energy efficiency. We established a baseline, set up a system for monitoring, and began evaluating and executing initial opportunities. Our operating principle was, and continues to be, that sustainability must be driven through the same rigorous systems as other critical programs such as quality and safety.

Our in-depth knowledge of energy efficiency, combined with our systems thinking, is the foundation for the management operating system we put in place over time to ensure we continue to meet or exceed all of our targets.

Honeywell also is committed to achieving a LEED-certified, sustainable, and energy-efficient work environment at our new Global Headquarters in Morris Plains, New Jersey.

## Accountability

Accountability is the key to success, therefore we established a cross-business, cross-function, Energy & Sustainability Team. This team, which reports to Honeywell's Corporate Vice President of Health, Safety, Environment, Product Stewardship, and Sustainability, is responsible for driving energy efficiency and greenhouse gas improvements and achieves this through a rigorous process of goal setting, scorecards, training, and best practice sharing.



## Exceeding Public Goals; Progress Continues

After exceeding our first public goal to reduce our global emissions of greenhouse gases by more than 30% and improve energy efficiency by more than 20% between 2004 and 2011, we established a second public goal – reducing our greenhouse gas emissions per dollar of revenue by 15% by 2017. We met this target three years early and have now set a third public goal. By 2019, Honeywell will reduce its global greenhouse gas emissions by an additional 10% per dollar of revenue from our 2013 levels.



### Enterprise Buildings Integrator

A comprehensive suite of integrated building management solutions to enhance facility performance.



### Commercial Air Cleaner

Honeywell's Commercial Air Cleaner removes pollution, odors, bacteria, and other particles from indoor air to create a cleaner, healthier environment.



## Setting and Achieving Internal Targets and Public Goals

Honeywell exceeded its first two public goals and has now established a third one, which was announced at a U.S. Department of Energy event in March 2015. In addition, each of our strategic business units is required to establish annual targets that must be approved by our CEO during our annual planning cycle. Performance against these goals is monitored by the Energy & Sustainability Team and reported to our CEO monthly. This team also closely monitors energy projects to ensure annual targets are achieved.

## Management System Linkage

Standards of energy reporting and management have been incorporated into our overall Health, Safety, Environment, Product Stewardship, and Sustainability Management System. Our largest sites map their significant energy use in line with ISO 50001 and obtain an energy audit on an established cycle. These requirements, combined with tools we have developed such as energy self-assessments, sustain a pipeline of energy projects.

## Systems-Based Approach

We take a systems-based approach aligned with our Honeywell Operating System to drive continuous improvements such as:

- Compressed air, which is widely used in our industrial processes, is a significant energy user. As much as 20% of a site's energy use can be attributed to compressed air. We have executed nearly 300 projects to systematically address air leaks, optimize compressed air usage, and upgrade equipment, saving an annualized \$6.2 million.
- Honeywell utilizes energy awareness and kaizen (continuous improvement) events to engage employees in the identification of energy savings opportunities. Last year, a week-long energy awareness event generated more than 1,000 employee ideas. These ideas were then reviewed and projects were selected for funding and implementation.

These processes have developed a culture of resource efficiency. By using the same processes that the Company uses to drive other key objectives, sustainability has been incorporated into Honeywell's culture.



## Energy Management Systems

Honeywell hardware, software, and services can improve efficiency and reduce greenhouse gas emissions in industrial processes.



## Energy Dashboard

Honeywell's Energy Dashboard allows plant operators to better manage energy so that operations remain stable and efficient while reducing energy costs.

## Leveraging Our Product Portfolio

Honeywell's breadth of energy efficiency offerings gives us great opportunities to use our own products to drive energy efficiency at our facilities. Here are some examples:

- Our Torrance, California, site saved over \$135,000 a year by deploying a three-year custom-designed Honeywell Automated Demand Response system, which shuts off equipment based on pre-established protocols requested by the utility.
- Our United Kingdom headquarters in Bracknell saved 24% of its energy costs by deploying Honeywell's EBI for operational and energy efficiency, utilizing single-speed motors with Honeywell variable frequency drives (VFDs) and updating controllers and valves using Honeywell's new ComfortPoint Open Building Management System.
- Honeywell VFDs maximize energy savings by modulating the speed of fans and pumps. We have completed over 100 HVAC system modifications with VFDs resulting in an annualized savings of \$2.8 million.

With over 1,300 facilities worldwide, we have the opportunity to use a wide range of our products including spray-foam roofing and insulation, energy management and control systems, automation systems for boilers, HVAC controls, variable frequency drives, programmable thermostats, occupancy sensors, EBI Energy Manager, and metering. Lighting and mechanical upgrades, as well as other non-Honeywell solutions, also are utilized to maximize our impact.



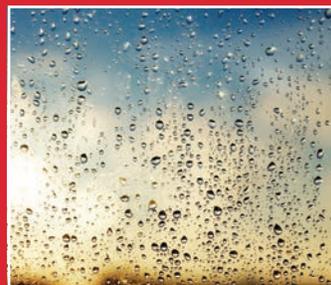
## Making the World More Sustainable and More Efficient

Honeywell's focus is on driving energy efficiency and reducing greenhouse gases around the world for both our customers and our own businesses. Our goal is to make top quality products, but with as little waste as possible. We will continue to adapt to new innovations and technologies and pursue wide ranges of energy-efficient products and solutions. Together with our customers and with our own employees, Honeywell is making the world more sustainable and more efficient.



### Variable Frequency Drives

Honeywell Variable Frequency Drives allow electronic motors to run more efficiently leading to energy savings.



### Humidity & Ventilation Controls

By turning on only when needed TrueEASE™ can save gallons of water per year compared with other whole-house humidifiers.



# Integrity & Compliance

WE ARE COMMITTED TO THE HIGHEST STANDARDS OF INTEGRITY AND COMPLIANCE IN EVERYTHING WE DO.

We're committed to the highest standards of integrity and compliance. From the shop floor to the boardroom, we expect Honeywell employees to lead with integrity and to comply with all laws and regulations in the countries where we do business.

To promote these expectations, Honeywell has developed a world-class integrity and compliance program. This program includes a number of elements, such as:

- Strong tone from top – leadership messages and “Leading with Integrity” scenario-based videos aimed at reinforcing our commitment to integrity and compliance.
- Extensive live and online compliance training in a variety of media in key areas, including our Code of Business Conduct, health, safety, and environmental responsibility, non-discrimination, personal data protection, anti-corruption, conflicts of interest, trade controls, competition laws, and cybersecurity.
- Careful vetting of third parties to ensure compliance with anticorruption laws and our standards of integrity.
- Use of dedicated local compliance professionals who understand local customs and laws and can tailor Honeywell's training and compliance tools to meet local needs and risks.
- Application of cutting-edge technology to help us conduct

proper due diligence and reviews of transactions, block unauthorized shipments and payments, and provide automated controls to drive compliance with applicable trade, sanctions, and anticorruption laws.

- Thorough review of contracts, purchase orders, and other transactions to ensure we meet applicable legal standards.
- Enhanced forensic audit capabilities that specifically address corruption and fraud risks, enabling immediate evaluation and mitigation.
- Regular compliance reviews and audits of our program to drive best practices and take appropriate corrective actions to ensure our program is cutting edge and effective.
- A best-in-class process to report and investigate Code of Business Conduct concerns and take appropriate actions in light of those investigations.
- A zero tolerance non-retaliation policy.
- Robust integration processes to ensure that newly acquired companies meet Honeywell's Integrity & Compliance standards, processes, and controls.
- A supplier Code of Conduct, which is flowed down to Honeywell's global supply chain to reinforce Honeywell's expectation that its suppliers will also abide by our high standards of integrity and compliance, including our Conflict Minerals, Anti-Human Trafficking, Business Integrity, and Health, Safety, and Environmental policies.

# Political Contributions and Activities

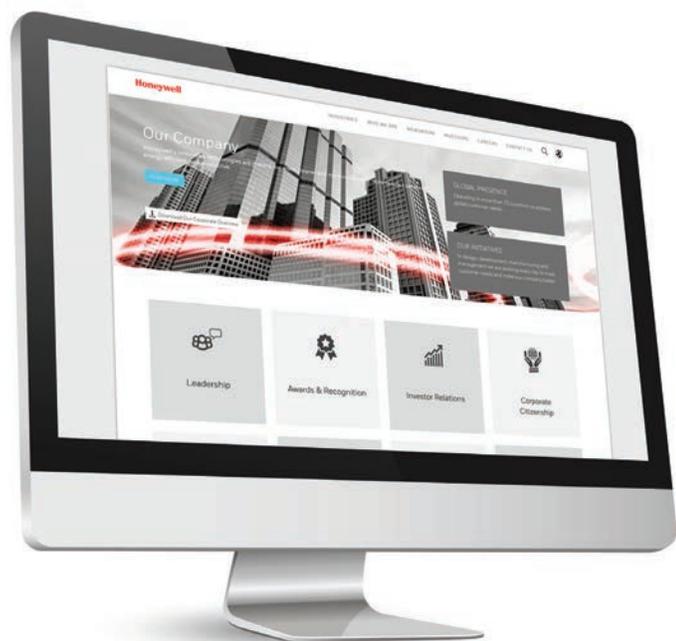
## Why We Engage

Engagement in the political process is critical to our success. Our future growth depends on forward-thinking legislation and regulation that makes society safer and more energy efficient and improves public infrastructure.

Our lobbying activities are designed to educate policymakers. We consistently advocate the need for technologically neutral solutions that allow robust competition in the private sector to deliver the intended policy results.

## Management and Board Oversight of Lobbying Activities

Our public policy efforts, including all lobbying activities, political contributions, and payments to trade associations and other tax-exempt organizations, are the responsibility of the Board of Director's Corporate Governance and Responsibility Committee (CGRC), which consists entirely of independent, non-employee directors. The CGRC's oversight of our political activities ensures compliance with applicable law and alignment with our policies and our Code of Business Conduct.



## Political Contributions

We have not made any political contributions using corporate funds since at least 2009 and have no intention of making such political contributions in the near future. Even before 2009, any such contributions were extremely rare and for *de minimis* amounts of less than \$5,000. Were we to use corporate funds for political contributions, such contributions would be made without regard to the personal partisan preferences of Company officers and executives.

With respect to tax-exempt organizations, such as 501(c)(4)s, where funds may be used for political purposes, we have made only one contribution since 2009. In December 2012, we contributed \$1 million to the Fix the Debt Coalition, a non-partisan 501(c)(4) organization that seeks to educate and mobilize Americans on the need for a comprehensive plan to fix the United States' long-term debt and deficits but have made no further contributions. The decision to contribute funds to this organization was discussed with the Company's Board of Directors.

## Trade Associations

We are a member of a number of trade associations and other tax-exempt or similar organizations that may engage in political activity. The trade associations to which we belong represent a broad range of perspectives on public policy issues, not all of which we support.

**To view our Code of Business Conduct please go to:**  
[www.honeywell.com/who-we-are/code-of-conduct](http://www.honeywell.com/who-we-are/code-of-conduct)



# Sustainable **Opportunity**

HONEYWELL'S COMMITMENT TO HEALTH, SAFETY, AND THE ENVIRONMENT: ENSURING A CLEANER, SAFER, HEALTHIER FUTURE

## **Sustainable Opportunity Policy**

Honeywell's Sustainable Opportunity Policy is deliberately and directly embedded into our company-wide Honeywell Operating System (HOS). Honeywell's Corporate Vice President of Health, Safety, Environment, Product Stewardship, and Sustainability (HSEPS) is responsible for our sustainability program and for implementing our HSEPS Management System. The Vice President reports to the Company's Senior Vice President and General Counsel.

The policy is endorsed annually by Honeywell's CEO and senior leadership. The policy is posted in every facility and communicated to all employees and contractors.



## **Sustainable Opportunity Policy**

### **Honeywell's Commitment to Health, Safety and the Environment**

By integrating health, safety and environmental considerations into all aspects of our business, we protect our employees, our communities and the environment, achieve sustainable growth and accelerated productivity, drive compliance with all applicable regulations and develop technologies that expand the sustainable capacity of our world. Our health, safety and environmental management systems reflect our values and help us meet our business objectives.

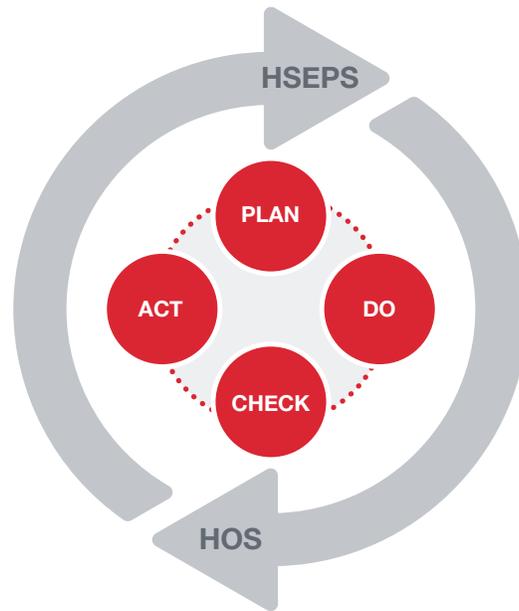
- We protect the safety and health of our employees, and minimize the environmental footprint of our operations through efforts to prevent illness, injury and pollution.
- We actively promote and develop opportunities for expanding sustainable capacity by increasing energy and water efficiency, improving security and safety, and reducing emissions of harmful pollutants.
- We are committed to compliance with all of our health, safety, environmental and legal requirements everywhere we operate.
- Our commitment to health, safety and the environment is an integral aspect of our design of products, processes and services, and of the life cycle management of our products.
- Our management systems apply a global standard that provides protection of both human health and the environment during normal and emergency situations.
- We identify, control and endeavor to reduce emissions, waste and inefficient use of resources, including energy and water.
- We are open with stakeholders and work within our communities to advance laws, regulation and practices that safeguard the public.
- We abide by the Company's own strict standards in cases where local laws are less stringent.
- Our senior leadership and individual employees are accountable for their role in meeting our commitments.
- We measure and periodically review our progress and strive for continuous improvement.

These are our commitments to health, safety, and the environment, and to creating Sustainable Opportunity everywhere we operate.

A handwritten signature in black ink, appearing to read "Dave Cote", is positioned above the printed name.

Dave Cote, Chairman and CEO

# Our Management Systems



Integrating HSEPS Management System with the Honeywell Operating System

The Company's Health, Safety, Environment, Product Stewardship, and Sustainability practices are managed by a global team of trained professionals with extensive knowledge and hundreds of years of collective experience in occupational health, hydrology, geology, engineering, safety engineering, industrial hygiene, remediation, and toxicology.

The Company utilizes a comprehensive HSEPS Management System based on recognized third-party-certified standards, including ISO 14001 and OHSAS 18001, and industry best practices. The system is fully integrated into the Honeywell Operating System (HOS), the Company's blueprint for continuous, sustainable operational improvement. Compliance with standards and regulatory requirements is monitored through a company-wide, HSEPS-led audit process. The timely development and implementation of process improvement and corrective action plans are closely monitored.

Honeywell's HSEPS Management System is based on 15 core standards that require the Company's businesses to identify HSEPS legal requirements and goals, set clear objectives for improvement, and maintain programs designed to achieve those objectives.

## Honeywell Wins National Safety Award

ROBERT W. \_\_\_\_\_  
**CAMPBELL**  
\_\_\_\_\_ **AWARD.**

Honeywell Aerospace was awarded the National Safety Council's prestigious 2015 Robert W. Campbell Award for outstanding business achievement through the integration of employee health, safety, and environment management. Built on scientific evaluation, the award recognizes businesses worldwide that have ingrained these three aspects as key business values throughout their organization.

Leveraging its well-documented Honeywell Operating System business and management system and integrating Health, Safety and Environment (HSE), Honeywell Aerospace has experienced significant improvements year over year in these key areas.



# Environmental Stewardship

## Our Environmental and Safety Commitments

Tackling the world's toughest challenges – from energy efficiency to clean energy generation to safe work environments – Honeywell works to protect the environment and open new opportunities where we do business and beyond.

Honeywell's environmental and safety commitments have three far-reaching, but complementary pursuits: 1) reducing global greenhouse gases, 2) boosting energy efficiency worldwide, and 3) providing safe work environments.

Our commitment to be more efficient and responsible is reflected in the extensive work we do to make our businesses more environmentally friendly, safer, and more sustainable.

## Greenhouse Gas and Energy Efficiency

A Corporate Energy & Sustainability Team, led by the Corporate Vice President of HSEPS, the Vice President of Global Real Estate, and the Director of Sustainability, helps drive the Company's greenhouse gas and energy efficiency goals. Progress on these goals is reported to Honeywell's Chairman and CEO on a monthly basis and is reviewed with the Board's Corporate Governance and Responsibility Committee at least annually.

## Honeywell Products Drive Energy Efficiency at Our Facilities

### Morris Plains, New Jersey



Our new Global Headquarters in Morris Plains, New Jersey, is designed to achieve LEED certification and is currently being reviewed by the Green Building Certification Institute. It is a sustainable and energy-efficient work environment featuring Honeywell products including Building Automation and Control Systems such as EBI and Honeywell Building Manager, Honeywell Life Safety Systems, Security Systems such as Honeywell Security Manager and Honeywell Digital Video Management, and Honeywell Building Envelope Systems. Two sustainable features of the building are a 318-kilowatt solar array, which is comprised of 1,030 solar panel modules, and a green roof, partially covered with vegetation, to help reduce energy consumption.

### Seelze, Germany



Our site in Seelze, Germany, partnered with the Honeywell Building Solutions team to design a cogeneration system for their waste water treatment plant. Natural gas is used in a combustion turbine-generator to produce electricity, and the residual heat from the combustion turbine is used to heat the waste water stream to the proper temperature for the biological waste treatment process. The annualized savings from this project is \$900,000, 1,957 metric tons of CO<sub>2</sub>e, and 2.3 million gallons of water.

## Measurable Results

Since 2010, more than 2,500 efficiency projects including building automation/controls, lighting, and mechanical upgrades have been implemented at our facilities.

Honeywell exceeded its first public goal to reduce global greenhouse gases by more than 30% and improve energy efficiency by more than 20% between 2004 and 2011. A second five-year goal, set to reduce greenhouse gas emissions by an additional 15% per dollar of revenue from 2011 levels, was met three years early.

And we are committed to achieving more. By 2019 Honeywell will reduce its global greenhouse gas emissions by an additional 10% per dollar of revenue from our 2013 levels.

A qualified third party has verified Honeywell's 2011-2015 greenhouse gas emission inventories. Honeywell reports on its global greenhouse gas emissions publicly through CDP. For more information, contact CDP through its website, [www.cdp.net](http://www.cdp.net).

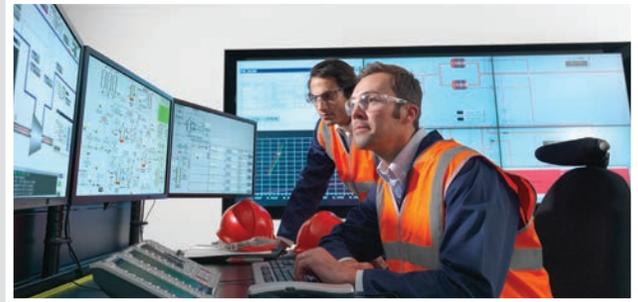


## Water

Honeywell maintains a global inventory of our water usage and continually looks for conservation opportunities while strategically targeting water conservation projects in areas that are experiencing “water stress” as defined by the World Resources Institute.

Examples of projects to save water include a Honeywell Automation and Control Solutions site in Texas that completed several projects to reuse and reduce water in their production area, achieving an annualized savings of over 10 million gallons, and a Honeywell Corporate site in India that installed an ultrafiltration system to enable reusing water that saves over 4 million gallons of water annually.

## Mobile, Alabama



Our Mobile, Alabama, site implemented Honeywell Process Solution's Intuition® Operations Monitoring software application to systematically monitor plant performance for the production lines. The monitoring system determines when a motor or natural gas burner can be shut down to reduce energy, and prompts operating personnel to take action. Annualized savings are \$300,000, and a CO<sub>2</sub>e reduction of 3,374 metric tons.

## Mexicali, Mexico



In 2014, Honeywell's Mexicali Aerospace team received the 2014 Baja California Energy Efficiency Award. The award recognizes talent that finds energy solutions and a company's efforts to encourage savings and energy utilization.

The Green Team in Mexicali is responsible for energy efficiency opportunities that include the analysis and implementation of load response, power factor improvement, lighting retrofits, sensor installations, and the “Turn-It-Off” campaign as well as the optimization of energy usage with HVAC systems, furnaces, compressed air systems, and lighting programs.

Since 2010, the team has completed more than 100 projects with an annualized savings of \$2.4 million, 7,400 metric tons of CO<sub>2</sub>e, and nearly 6 million gallons of water.



## Employee Safety

The safety of our colleagues and partners is our top priority, and we have received worker safety awards from governments around the world. We've used our HOS-based approach to drive improvements in our safety record.

To establish a uniform standard for evaluation, Honeywell requires all of its global facilities to report occupational injuries and illnesses pursuant to U.S. OSHA requirements. We also require our facilities to follow any other reporting requirements in their jurisdictions. Based on this data, Honeywell's Global Total Case Incident Rate (the number of occupational injuries or illnesses per 100 full-time employees per year) was 0.47 as of December 31, 2015. We take pride in maintaining this rate, which is more than two times better than the average of the industries in which we operate, according to the U.S. Bureau of Labor Statistics.



## Customer Experience Center and Honeywell Safety Institute

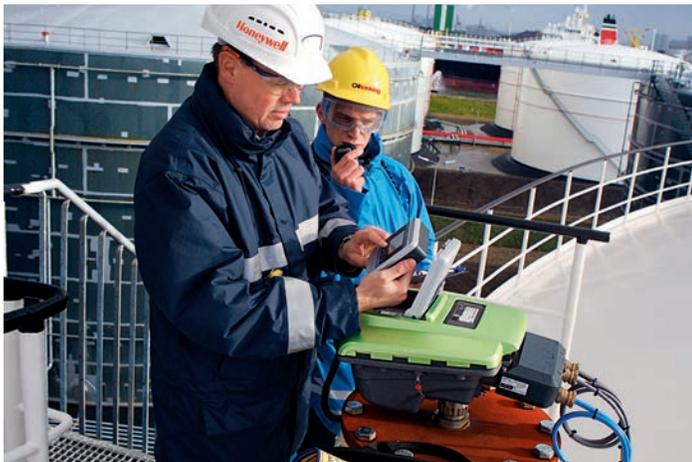
Safety doesn't happen all by itself. It takes smart preparation, quality equipment, and a well-trained workforce. At the Customer Experience Center in Houston, Texas, we help build a culture of safety with comprehensive training that leverages best practices.

Our 10,000 square foot training facility provides hands-on training with 10 simulators: Aerial Lift, Cat Walk, Roof-top Simulator, Lock-out/Tag-Out Simulator, Climbing Tower, Oil Derrick, Wind Turbine, Confined Space Vessel, Confined Space Simulator, and Drilling Pipe Rack.

In addition, the Honeywell Safety Institute is an online resource that offers certified training programs and resources for both employees and customers around the world.



# Product Stewardship



## New Product Introduction

Our priority is health, safety, and environmental protection, both in how we do our work and in our results. As Honeywell businesses invent new tools and solutions, we take deliberate, strategic steps to improve each innovation's eco-efficiency. Here are the criteria we use to evaluate new products:

- Reducing the use of natural resources during manufacture and distribution
- Increasing the energy efficiency of the product itself, or because of its use
- Reducing waste production
- Opportunities to reuse and recycle
- Opportunities to use recycled or renewable materials
- Reducing and eliminating classified toxic or hazardous materials
- Packaging more efficiently

## REACH

Honeywell is committed to ensuring that all Honeywell products manufactured in or imported into the European Union (EU) comply with REACH (Registration, Evaluation, Authorization and Restriction of Chemicals) legislative requirements.

Necessary pre-registrations were completed in 2008 and high volume substance registrations were done in 2010. Additional documents are being completed to meet substance volume deadlines in 2018. Honeywell monitors the Candidate

List and European Chemical Agency's recommendations for authorization.

A comprehensive program has been established to ensure that the pre-registration, registration and notification requirements of REACH are met for Honeywell's products manufactured in or imported into the EU. Honeywell meets communication requirements to downstream users.

## Responsible Care® Program

Honeywell's Performance Materials and Technologies (PMT) business is a participant in the Responsible Care program of the American Chemistry Council. Responsible Care is a global, voluntary initiative developed by the chemical industry that drives continuous improvement in health, safety, and environmental performance, together with open and transparent communications with stakeholders.

Responsible Care is practiced today by 58 national and regional associations in more than 60 economies around the world. Implementation of Responsible Care leads to improved efficiency, lower environment, health and safety costs, and improved relations with stakeholders. Responsible Care companies have reduced hazardous releases to the air, land, and water by more than 75% from 1988 to 2013 and reduced process safety incidents by 53% over the past 20 years.

As a signatory company, Honeywell is committed to improve its performance in the fields of environmental protection, occupational safety and health protection, plant security, process safety, product stewardship, operational energy efficiency, and logistics. Responsible Care companies infuse these values up and down the organization's value chain, as well as continuously improve dialog with neighbors and the public, independent from legal requirements. PMT Headquarters have been certified RC-14001 by an external ISO registrar since 2005.



# Supply Chain

## Honeywell Supplier Code of Business Conduct

Honeywell is committed to integrity and compliance in everything we do. As part of that commitment, Honeywell expects its suppliers to ensure they: provide their employees a safe working environment; treat their workers with dignity and respect; engage in environmentally sound and sustainable manufacturing processes, and; comply with the law in all countries in which they conduct business.

Suppliers are expected to foster a culture where employees and managers can communicate openly and raise concerns without fear of retaliation, intimidation, or harassment. Honeywell's Supplier Code of Conduct sets forth Honeywell's commitment to integrity and compliance within its global supply chain. We expect all of our suppliers to adhere to the Supplier Code and to ensure these requirements are met within their supply chain.

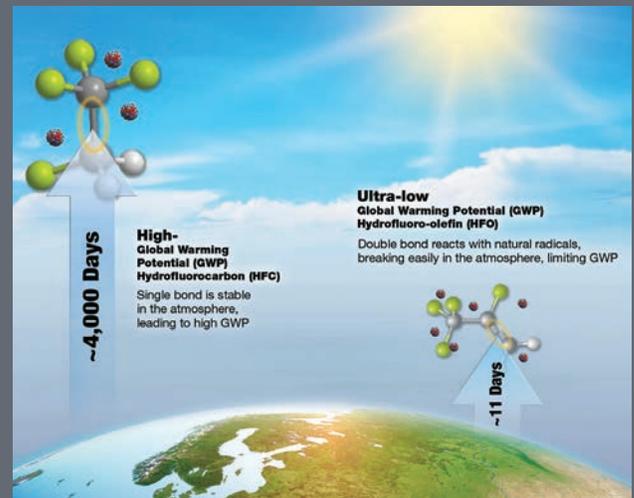


## Conflict Minerals

In 2012, the U.S. Securities and Exchange Commission (SEC) issued rules implementing the "conflict minerals" disclosure requirements of the Dodd-Frank Wall Street Reform and Consumer Protection Act. These rules require Honeywell to undertake reasonable due diligence steps to determine if any of its products contain tantalum, tin, tungsten, and gold (3TG) originating in the Democratic Republic of Congo and bordering countries, and to report to the SEC on its 3TG inquiries and the potential use of 3TG in its products.

Honeywell is committed to the responsible sourcing of 3TG throughout our global supply chain and to compliance with the Conflict Mineral Rules.

## Reducing Environmental Impacts



Fluorocarbons (CFCs, HCFCs, and HFCs) have historically been used as safe and efficient chemicals for a variety of applications, including refrigeration and air conditioning, blowing agents for plastic foam insulation, aerosol propellants, and industrial solvents. However, due to environmental concerns over ozone depletion and global warming, these materials have been or are in the process of being phased out. Honeywell has stepped up to the challenge of developing a new generation of fluorocarbons that maintains or improves the excellent performance of the prior generation while reducing environmental concerns. Several major refrigerator manufacturers, automobile manufacturers, and aerosol product producers have already used Solstice® low-global-warming offerings to reduce the environmental impact of their products and to meet regulations prohibiting high-global-warming gases in certain applications. Honeywell is continuing to develop technology based on the Solstice platform.

# Responsible Remediation

Honeywell is responsibly addressing environmental remediation issues arising out of past operations, mostly of businesses closed or sold years ago. Using world-class science, design, and engineering to protect human health and the environment we are transforming properties into sustainable assets for the surrounding communities.



## Onondaga Lake, Syracuse, New York

Audubon New York presented Honeywell with the 2015 Thomas W. Keese, Jr. Conservation Award for its leadership “in one of the most ambitious environmental reclamation projects in the United States,” the cleanup and restoration of Onondaga Lake in Central New York. Presented annually, the award honors those in New York State who have shown remarkable leadership and commitment to Audubon’s mission to conserve and restore natural ecosystems.

Honeywell has completed the dredging of the lake, and capping is scheduled to be completed in 2016. The work is being done under a federal and state-approved remediation plan and has involved hundreds of Central New Yorkers.



More than 50 acres of wetlands are being restored and over one million native plants, trees, and shrubs planted. Green practices have included the use of biofuels,

recycled materials, and other sustainable solutions.

Hundreds of community volunteers are part of the Onondaga Lake Conservation Corps, an expanding organization of environmental stewards.



## Baltimore, Maryland

Harbor Point, a 27-acre parcel in Baltimore’s Inner Harbor, is taking shape as a sustainable and integral part of Baltimore City. The site housed a former Allied Chemical (Honeywell predecessor) chrome plant. Remediation was completed under the supervision of federal and state regulators.

Morgan Stanley opened a state-of-the-art commercial office building in June 2010. Construction of the Exelon headquarters’ building will be fully built out before the end of 2016. Plans are underway for a third and fourth building, and 11 acres of open space. The project was recognized by the 2016 American Council on Engineering Companies and received a National Recognition Award.



## El Segundo, California

Plaza El Segundo is now a vibrant and lively 37-acre shopping center in Southern California built on property that used to house a Honeywell chemical and refrigeration plant that operated for 83 years. Redevelopment combined with remediation occurred between 2003 and 2006.

In its 2008 “Revitalizing Mothball Properties; Challenges, Success Stories, & Solutions,” the U.S. Environmental Protection Agency said in referencing the El Segundo project: “Honeywell’s contributions to the successful reuse of its properties include working with local communities and businesses to identify a new use before cleanup begins, and treating remediation and re-use as linked objectives.”



### West Drayton, England

This 22.2-acre parcel located in West London, 5 km north of Heathrow Airport, was an industrial wax manufacturing plant that closed in 2001 and was demolished in 2004. Site activities included demolition, soil remediation, and groundwater treatment all done under the oversight of the UK-Environment Agency and Hillingdon Borough HSE.

The successful remediation site was redeveloped from 2007–2010 with affordable housing. Community improvement was critical to the project’s success.



### Jersey City, New Jersey

This 95-acre parcel located on the Hackensack River in Jersey City, New Jersey, was formerly used for commercial and industrial purposes. Remediation, which consists of excavation, capping, and containment, has been under way for several years with the cleanup scheduled to be completed in 2016.

All the work is being done under the oversight of the New Jersey Department of Environmental Protection and the federal court.

Honeywell is working in partnership with the City of Jersey City and the Jersey City Redevelopment Agency to find a developer to build out this fully master-planned site that will incorporate new housing, office, and retail uses with public waterfront access and more than 20 acres of open space.



### Buffalo, New York

A unique partnership that includes the Buffalo Niagara Riverkeeper, the Great Lakes National Program Office of the U.S. Environmental Protection Agency, the New York State Department of Environmental Conservation, the U.S. Army Corps, and Honeywell has completed the environmental dredging of the Buffalo River. Habitat restoration work continues.

The collaboration utilizes each partner’s knowledge, resources, and expertise, and is becoming a catalyst for economic development as well as expanded recreational opportunities.



### Niagara Falls, New York

Honeywell has been a key partner in the cleanup of a brownfield site in Niagara Falls, which has now become the new home of the Tulip Corporation. This redevelopment is an excellent example of how brownfield sites can be returned to productive use as the result of a collaborative partnership among government, local developers, the community, and the private sector. The property was among the largest active remediation projects in New York State before its completion.



# Commitment to Diversity & Inclusion

AT HONEYWELL, DIVERSITY IS THE FOUNDATION OF A PERFORMANCE CULTURE THAT PROMOTES RESPECT, UNDERSTANDING, AND APPRECIATION OF DIFFERENT PERSPECTIVES, BACKGROUNDS, AND EXPERIENCES.

In order to continue to deliver solutions that matter to the world, we need a team made up of the best and brightest. The most creative. The most passionate. The most driven to make the world a better place. That's who we hire. And it's those people who have helped grow our Company and made us more global in order to solve some of the biggest challenges of comfort, safety, and security. Success like that doesn't come without a deep respect for what makes us unique as individuals — different perspectives, backgrounds, cultures, and experiences.

At Honeywell, diversity means we understand and respect every single individual. And we work well together. Diversity and inclusion is part of a culture that has given us a competitive advantage that enables our global teams to generate new and better ideas faster and to more effectively collaborate and innovate. Our people are what makes us great — and diversity is what makes our team great. Our workplace is one that reflects the diversity of the communities in which we operate and we are committed to providing employees a workplace that is free from unlawful discrimination,

harassment, or personal behavior not conducive to a productive work climate.

Each year, our leadership team and employees are assessed on their ability to foster diversity and teamwork. This makes our work environment more productive, more dynamic, and more positive. It enables us to come together and deliver the kind of outstanding results Honeywell has come to expect.

## Board of Directors

We have an award-winning Board of Directors. Its composition reflects our commitment and approach to diversity:

- Three directors are women
- Three directors are Hispanic
- Two directors are African-American
- Two directors are non-U.S. citizens

## Honeywell Women's Council

In 2012, Honeywell launched a Women's Council to drive projects that focus on development and retention of female leaders. The mission of the Women's Council is to increase the number of women in leadership roles at Honeywell in order to accelerate business growth.



# Honeywell Hometown Solutions

The cities, towns, and streets where Honeywell employees live, work, and raise their families are more than places — they're our hometowns.

And just as we're committed to creating tools and solutions to improve people's quality of life, Honeywell is committed to making a measurable difference in our own neighborhoods and communities.

Honeywell Hometown Solutions provides resources and financial support to causes and communities around the world and encourages employee volunteerism to meet local neighborhood needs where Honeywell can make a real, lasting impact. We help in five critical areas:

**MAKING A DIFFERENCE, ONE  
NEIGHBORHOOD AT A TIME**

*IT'S NOT WHAT YOU SAY  
THAT MATTERS...*

*IT'S WHAT YOU DO, WHY YOU DO IT,  
AND WHO YOU DO IT FOR.*

- 1. Science & Math Education** – Inspiring and educating teachers and empowering students through programs that open their world to the endless possibilities in STEM (Science, Technology, Engineering, and Math) careers
- 2. Housing & Shelter** – Rebuilding and improving homes, schools, and communities
- 3. Family Safety & Security** – Protecting our children
- 4. Environment & Sustainability** – Offering hands-on, community-based projects
- 5. Humanitarian Relief** – Helping our communities and our employees recover from natural disasters

Honeywell is committed to taking genuine action that focuses on delivering meaningful, measurable results that truly benefit the communities, families, and businesses where we live and work.





# Science & Math Education

OUR SCIENCE & MATH PROGRAMS HAVE HELPED INSPIRE STUDENTS AND TEACHERS AROUND THE WORLD.

Inquisitive scientific minds have kept Honeywell in business for more than 125 years, so we understand the importance of inspiring and preparing the next generation of science and math leaders. Our unique educational programs have delivered real results, touching the lives of thousands of future scientists, technology innovators, and engineers.



## Honeywell Initiative for Science and Engineering

The Honeywell Initiative for Science and Engineering (HISE) encourages university students to pursue STEM careers in science and engineering by giving them early exposure to the world's most brilliant scientific minds. We partner with universities worldwide so students can interact with and learn from Nobel laureates and Honeywell's top engineers about practical engineering — but more importantly to learn how science can team with business to create innovations that can make the world a better place.



### **Honeywell Educators at Space Academy**

We created the Honeywell Educators at Space Academy scholarship program in partnership with the U.S. Space & Rocket Center to provide middle school science and math teachers from around the world with a unique opportunity to learn about space-exploration at a week-long astronaut training program in Huntsville, Alabama. Thanks to the financial support of Honeywell employees, more than 2,576 teachers from 56 countries and all 52 U.S. states and territories have attended this innovative STEM educational program. Teachers participate in 45 hours of classroom, laboratory, and training time focused specifically on science and space exploration. They learn new teaching practices in education and have the ability to link all activities to professional development credits. The difference that this makes in the lives of their students is invaluable, reaching 3 million students worldwide, bringing passion, experience, and expertise to the classroom.



### **FMA Live!**

Created by Honeywell and NASA, *FMA Live! forces in motion* is an award-winning, hip-hop science education program designed to get elementary and middle school students excited about science and math by teaching Sir Isaac Newton's Three Laws of Motion in an innovative, entertaining, and memorable way. To date, the FMA Live! tour has traveled more than 110,000 miles, covering the 48 contiguous U.S. states, Mexico, and Canada, sharing its message with more than 460,000 students in nearly 1,200 schools. We are inspiring a new generation of kids across North America with a love for math and science today so they can create and lead a better tomorrow.



### **Honeywell Leadership Challenge Academy**

This week-long event is a unique opportunity for the children of Honeywell employees to develop their leadership skills through astronaut-style workshops, lectures, and team exercises. Working in partnership with the U.S. Space & Rocket Center in Huntsville, this program teaches the critical leadership skills all kids need to succeed, including communication, teamwork, critical thinking, and problem-solving. Designed for high school students' careers in science, technology, engineering, or math, the Honeywell Leadership Challenge Academy has helped more than 1,750 students from 59 countries and 39 states and Puerto Rico build the leadership skills they'll need to succeed in college, careers, and life.

# Housing & Shelter



In Boston, Massachusetts, 25 Honeywell volunteers renovated an inner-city at-risk youth facility in 2016, including:

- Installing new flooring
- Plumbing retrofits
- Painting
- Soundproofing a room for music recording

In St. Paul, Minnesota, more than 100 volunteers rehabilitated a community center in 2016 focused on youth development.

Tasks included:

- Building a storage shed, picnic tables, and compost bin
- Interior and exterior structural repairs

HONEYWELL CREATED A HOUSING AND SHELTER PROGRAM BECAUSE WE CARE ABOUT OUR NEIGHBORS AND NEIGHBORHOODS.

We understand just how important a safe home is to personal well-being and peace of mind. Since 2003, more than 18,000 Honeywell employees have volunteered their time to repair more than 570 homes and non-profit centers in more than 50 Honeywell Hometown communities, bringing happiness and security to thousands of our neighbors.

## Rebuilding Together

For more than 100 years, creating safe, secure, and comfortable products – from thermostats to alarm systems – has been a vital part of the Honeywell story. This history made our affiliation with Rebuilding Together® a natural next step. Now, Honeywell employees across North America support Rebuilding Together through volunteer efforts and contributions, providing home and community center rehabilitation for low-income homeowners and neighborhoods across the United States, Mexico, and Canada. Together, we're giving a helping hand to those who need it most.



# Family Safety & Security



OUR FAMILY SAFETY AND SECURITY PROGRAMS ARE DEDICATED TO PROTECTING OUR MOST PRECIOUS ASSET – OUR CHILDREN.

Nothing is more important than the safety and security of our families and kids. At Honeywell, we have decades of experience developing and deploying technologies that keep families safe and secure wherever they live, work, and travel. At Honeywell Hometown Solutions, we work with leading child safety partners around the world to develop programs that educate teachers, parents, guardians, and children on how to reduce risks of accident, abduction, and abuse – keeping our kids safe today so they can thrive, prosper, and succeed tomorrow.



## KidSmartz®

A missing son or daughter is a frightening and potentially tragic event. According to FBI statistics, more than 460,000 reports of missing children were made to law enforcement officials in the United States last year. Honeywell has partnered with the National Center for Missing & Exploited Children® to create KidSmartz®, a comprehensive school-based program teachers can use to educate young children on how to keep safe and minimize the risk of abduction. The program is designed for students in grades K-5 and employs four simple, life-saving lessons to help kids recognize and avoid dangerous situations.



## Safe Kids Worldwide: Putting a Stop to Accidental Injuries

For more than 10 years, Honeywell and Safe Kids Worldwide have partnered to protect children from preventable injuries in the United States and China. In China alone, the Safe Kids at Home program has reached more than 3 million students. The program also provides employees with meaningful volunteer opportunities.

In the U.S., donations from Honeywell employees have strengthened the Safe Kids organization and its operations, including its grassroots network. Thanks to these efforts, there are now 500 local Safe Kids affiliates across the U.S. The network makes it possible to hold more than 10,000 local events each year that directly reach millions of parents and children through activities such as seat checks, sports clinics, and fire and burn prevention outreach. In 2015, more than 500 Honeywell employees donated their time to this worthwhile organization.

Honeywell's commitment to the Safe Kids at Home program expanded to India, in 2015. The program focuses on educating families about child safety and reducing the number of home-related injuries and death in children.



# Environment & Sustainability

## Honeywell Institute for Ecosystems Education

In partnership with New Jersey Audubon, Honeywell Institute for Ecosystems Education (HIEE) works with teachers to develop creative methods to bring environmental science to life in the classroom. HIEE uses the Eco-Schools USA framework to empower Jersey City middle and high school teachers to inspire students to identify and address local environmental issues, create more sustainable communities, and become scientists, inventors, or engineers. The program utilizes local resources, technology, and other avenues to participate in a modeling-approach to education.

## Honeywell Partners With Safe Water Network to Provide Access to Sustainable Safe Drinking Water in India

Honeywell and Safe Water Network are partnering to provide convenient access to affordable and reliable safe drinking water to communities in Telangana and Karnataka states in India. Funded by a Honeywell India grant, Safe Water Network is building 60 iJal safe water stations from 2015 through 2017. These will serve approximately 194,000 people in an area that suffers acute groundwater contamination from fluoride and arsenic. This initiative addresses a critical need in India where many people live in areas of poor water quality.

Safe Water Network, a not-for-profit dedicated to developing affordable and sustainable access to safe water for those most in need, applies a business approach to a social problem, developing locally owned water businesses for those beyond the reach of large infrastructure projects.

## Green Boot Camp

Sponsored by Honeywell Hometown Solutions, Green Boot Camp offers practical skills to teachers in a hands-on workshop learning environment on a range of topics – from renewable energy technologies to green building materials. Each subject is paired with expert-led activities. Teachers assemble and race mini solar cars, identify “energy vampires,” and build wind turbines. Following the exercises, teachers convene to discuss how to apply the ideas in their classrooms. Since 2008, more than 300 teachers from around the world have attended the camp.

## Honeywell Summer Science Week at the MOST

Honeywell Summer Science Week, which is organized by the Milton J. Rubenstein Museum of Science & Technology (MOST), has brought science to life in memorable ways by leading more than 600 Central New York middle school students through hands-on science exploration in the Onondaga Lake watershed. The week-long program aims to inspire students to pursue science, technology, engineering, and math education while becoming environmental stewards in their communities.

Students study local birds in their habitats, collect and identify insects, test water quality, and learn GPS sampling procedures. Habitat experts from Syracuse University, State University of New York College of Environmental Science and Forestry, and Onondaga Audubon Society teach the students about habitats and preserving the watershed.

# Humanitarian Relief

OUR HONEYWELL HUMANITARIAN RELIEF FUND IS DESIGNED TO MAKE IT SIMPLE FOR OUR EXTENDED HONEYWELL FAMILY WORLDWIDE TO PROVIDE DIRECT HELP DURING TIMES OF CRISIS.

When disaster strikes, the Honeywell Humanitarian Relief Fund (HHRF) is at the forefront of relief efforts, delivering immediate, direct assistance to employees and communities in need. Since 2005, thousands of employees have donated more than \$9 million – which was matched by Honeywell – to help victims of natural disasters such as earthquakes, tsunamis, fires, flooding, and hurricanes. We help where help is needed most.



## 2013

### Typhoon Haiyan Philippines

When Super Typhoon Haiyan slammed into the Philippines in 2013, Honeywell employees donated over \$150,000 to the Honeywell Humanitarian Relief Fund. In partnership with Operation USA, Honeywell quickly mobilized local and international support and, using the funds, rebuilt an elementary school in Guiuan, Eastern Samar. Within one year, the Ngolos Honeywell Elementary School was back in session. The new school serves 270 kids in grades 1-6 and features eight classrooms, a small playground, and a basketball court. It is built to withstand winds up to 155 miles per hour and has been designated as an evacuation center for the residents of Ngolos Barangay in the event of an emergency or natural disaster.

## 2012 & 2013

### Colorado Springs Wildfires

After wildfires ravaged Colorado Springs in 2012 and 2013, Honeywell provided displaced employees with immediate financial assistance for temporary living arrangements and home repairs, and supported community rebuilding efforts. Honeywell also donated more than \$250,000 in First Responder Equipment and cash to local volunteer fire companies.

## 2012

### Hurricane Sandy

After Hurricane Sandy, Honeywell provided cash assistance for food, clothing, and shelter to Honeywell employees who had been displaced, as well as financial assistance to support their rebuilding efforts. Honeywell also donated more than \$600,000 in first-responder gear to Nassau County in Long Island, New York, and flew in more than 2,000 pounds of baby products and supplies to Staten Island Medical Center.

# Awards

When it comes to applying technology to solve some of the world's most pressing challenges related to energy, safety, and security, few companies can rival our long record of achievement.

Today, Honeywell's great positions in good industries, technology differentiation, financial track record, leading intellectual property portfolio, and commitment to diversity are recognized by industry experts, leading publications, and associations throughout the world.

And many of our executives, engineers, and employees are recognized for their exceptional work, leadership, and innovations. Below we have included some recent individual accomplishments.

## 2016

### Performance

- Barrons: World's Best CEOs – Dave Cote, Chairman and CEO
- New York Moves: Power Woman – Elizabeth Bierman
- Pro Bono Partnership Award – Colleen Szuch
- ControlTrends Awards: Best Technical Support Person (Large Manufacturer) – John Hutchey
- ControlTrends Awards: The PID Award (Passion, Integrity, and Dedication) – Larry Andrinuas
- National Society of Black Engineers (NSBE) – 2016 Chairman's Award
- Expansion (CNN's Mexican branch): Mexico's 100 Most Influential Women – Valeria Chapa (#32)
- Legal 500's GC Power List: Mexico – Valeria Chapa

### Innovation

- Reviewed.com (with USA Today): CES Editor's Choice Award – Lyric Wi-Fi water leak and freeze detector
- Frost & Sullivan: New Product Innovation Award – Global Solar Trading (Honeywell brand licensee for PV Solar Modules)

### Sustainability/Corporate Citizenship

- Partners for Environmental Progress (PEP): Environmental Award – UOP Mobile Plant
- Chemical Council of New Jersey – Chairman's Award
- American Council on Engineering Companies' New York State Diamond Award
- American Council on Engineering Companies' National Recondition Award

### Workplace

- Fortune – World's Most Admired Companies (#4 – Electronics)
- Better Investing – Top 200 Company

### Diversity

- Savoy Magazine: Most Influential Black Corporate Directors – Bradley Sheares and Robin Washington

### Honeywell Hometown Solutions

- Telly Award – Honeywell's segment "Be The Change: Global Giants Changing How to View Kids Safety"

### High Growth Regions (HGR) Awards

- A.T. Kearney and Bloomberg Businessweek/China: Best Innovator China
- Quality Brand Protection Committee (QBPC): Annual Best Practice Cases Award (criminal category) – Honeywell's prosecution against counterfeiter Zhang Wei
- Universum: Most Attractive Employer – Czech Republic HTS Czech Center

# 2015

## Performance

- Barrons: World's Best CEOs – Dave Cote
- Stevies American Business Award: Executive of the Year in Conglomerates – Dave Cote
- Community Hope of NJ: Hero Award – Dave Cote
- NYSE Governance Services: Distinguished General Counsel Award – Kate Adams, Senior Vice President and General Counsel
- Cyprus-US Chamber of Commerce, Inc.: Distinguished Merit Award – Andreas Kramvis, Vice Chairman
- American Society of Civil Engineers: Outstanding Civil Engineer – John McAuliffe, Syracuse Program Director
- Automotive News Europe: Automotive Industry Rising Star – Olivier Rabiller, Vice President and General Manager, Honeywell Transportation Systems
- University of Arizona: College Spirit of Inquiry Alumni Award – Benjamin Driggs, President of Honeywell Latin America
- Intellectual Asset Management (IAM) Strategy 300: The World's Leading IP Strategists – David Hoiriis
- NASA: Space Flight Awareness Silver Snoopy Award – Syed Hasan, Engineer
- PACE Zenith Awards: Young Achiever Award – Aaron Deal, Engineer
- Managing Intellectual Property: Corporate IP Stars – Greg Ansems, Assistant General Counsel, Automation and Control Solutions – David Cohen, Chief Trademark Counsel – Sarah Slover, Chief Intellectual Property Litigation Counsel – Jerry Xia, Chief IP Attorney, Asia Pacific
- USPS Supplier Performance Awards – Supplier Excellence
- China IP Magazine & China Daily: Outstanding Intellectual Property Management Team Award
- Caterpillar China: Platinum Supplier Award
- Rittenhouse Rankings: CEO Candor & Culture Survey
- James Drury Partners: Board of Directors Governance Capacity
- Financial Times: Most Innovative In-House Legal Teams in Asia Pacific – Honeywell Asia Pacific
- Avionics Magazine: Social Media Campaign of the Year – Aerospace
- Wuxi Diesel: Supplier Cooperation Award – Transportation Systems
- NASA: Group Achievement Award – RS-25 Engine Controller Development Team
- Inflight Magazine: Innovation in Corporate Jet Cabins Award – Honeywell
- Engineering Export Promotion Council (EEPC) India: Star Performer Award – TS India
- American Institution of Aeronautics and Astronautics (AIAA): Distinguished Institution Award – Aerospace
- Airbus Group & Airbus: Airbus Best Performer Award – General Procurement
- Penton's Aviation Week Network: Aviation Week Program Excellence Award – Special Project: Honeywell National Security Campus Relocation (Brad Hughes, Director Global Security, Aerospace)
- Penton's Aviation Week Network: Aviation Week Program Excellence Award – System Level Sustainment: Honeywell Satellite Control Network Contract (Dave Fuino, Program Director, Satellite Control Network Contract)
- Kansas City Central Exchanges: Corporate Hero Award – Honeywell
- Institutional Investor Awards – Best CEO: #1 Buy-Side, #1 Sell-Side, #1 Overall – Best CFO: #3 Buy-Side, #3 Overall – Best IR Program: #1 Buy-Side, #1 Sell-Side, #1 Overall – Best Analyst Days: #1 Overall
- Platts Global Energy Awards: Industry Leadership Award, Biofuels – UOP

- Automation World's Leadership in Automation Awards
  - Alarm Management Software
  - Maintenance/Reliability
  - Process Control Software
  - Process Safety
  - Sensors – Process Control
  - Simulation/Modeling Software
- Volkswagen FAST Initiative – Transportation Systems
- Wuxi Diesel – WXD Annual Supplier Award
- Weifang Diesel – Annual Supplier Award and R&D Support Award
- Public Relations Society of America, Phoenix: Innovation & Technology category – Copper Anvil Award
- Avionics Magazine: Social Media Company of the Year Award – Aerospace's 100-Year Anniversary Campaign

## Innovation

- Thomson Reuters – Top 100 Innovators
- Wendy Schidt Ocean Health XPRIZE – Honeywell and Team DuraFET partners
- Shanghai Municipality and Commission of Commerce: Best Innovation Practice Award – Honeywell China
- Aviation Business Middle East: Engineering Innovation of the Year – Aerospace Weather Information Service
- American Business Awards – Most Innovative Tech Company of the Year, 2,500+ Employees (Gold Stevie)

- R&D Magazine: 100 Awards – Solstice Refrigerant (Mechanical Devices/ Materials Category)
- American Chemistry Council's Center for the Polyurethanes Industry (CPI): Polyurethane Innovation Award – Solstice Liquid Blowing Agent
- Air Transport Action Group (Atag): Global Green Recognition – SmartPath Ground-Based Augmentation System and EGTS electric taxiing system technologies
- Security Magazine: Security 500 Rankings – Industrial/Manufacturing (#3)
- Industrial Safety and Hygiene News – Product Awards
- Buildings Magazine: Money-Saving Product Award – Smart Wireless Integrated Fire Technology (SWIFT)
- ISC West Show: Most Valuable Product (MVP) Awards
  - Smart Wireless Integrated Fire Technology (SWIFT)
  - Remote Telephone Zone Module Fire-Lite Alarms
  - S3 Series, Gamewell FCI
  - eVance Services

- A.T. Kearney China and Bloomberg China – Best Innovator China
- European Commission's Innovation Award – Microsemi Corporation and collaborators, Smart Silicon-on-Insulator Sensing Systems Operating at High Temperature (SOI-HITS) FP7

- Control Magazine Readers' Choice Awards:
  - Continuous Regulatory Control (#3)
  - Continuous Regulatory Control (Petroleum & Refining) (#1)
  - Batch Process Automation (#6)
  - Sequential Logic Control (#7)
  - Continuous Sheet/Web Monitoring and Control (#2)
  - SCADA (#4)
  - SCADA (Petroleum & Refining) (#1)
  - Advanced Process Control Software (#2)
  - Alarm Management Software (#1)
  - Loop-tuning Software (#5)
  - Simulation Software (#4)
  - Process Loop Controller (#3)
  - Recorder (#2)
  - Wireless Infrastructure (#3)
- Control Engineering Engineers' Choice Awards:
  - Experion Orion Console (Winner – Hardware, HMI, Operator Interface, Thin-client)
  - DynAMo Alarm Suite (Winner – Software, Diagnostics)

## Sustainability

- British Safety Council 5 Star Award: Sword of Honour
- National Safety Council – Campbell Safety Award
- Audubon New York: Thomas Keesee Award – Onondaga Lake Restoration
- Newsweek Green Rankings – America's Greenest Companies
- Honda Green Excellence Award – Honeywell Bucharest plant

## Workplace

- Fortune Magazine – World’s Most Admired Companies
- Forbes – America’s Best Employers
- IR Magazine – Global Top 50 Gold
- IR Magazine – Best in Sector: Industrials
- Universum – Attractive Employer (US, Mexico, India, Czech Republic, China)
- CareerBliss – Happiest Companies
- Frost & Sullivan: Company of the Year – Main Automation Contractor for Canadian Oil and Gas Industry

## Diversity

- Executive Women of New Jersey – Corporate Board Gender Diversity
- 2020 Women on Boards – Winner
- Leadership Council on Legal Diversity (LCLD) – Top Member
- Monster/Military.com – Best Companies for Veterans (#9)
- GI Jobs – Military Friendly Employer
- Minority Engineer Magazine – Top 50 Employers
- Society of Women Engineers: Upward Mobility Award – Barbara Brockett, VP Engineering Test Services, Aerospace
- The U.S. Space & Rocket Center: Space Camp Hall of Fame – Elizabeth Bierman, Senior Project Engineer, Aerospace

- Diversity Journal: Women Worth Watching – Valeria Chapa Garza, Latin America General Counsel
- Chambers and Partners Latin America: Diversity Award – Valeria Chapa

## Honeywell Hometown Solutions

- China Education Award: Ministry of Education, Educational Programming – Honeywell Initiative for Science & Engineering and Sichuan Schools
- The Communicator Awards: Online Videos – KidSmartz
- Bulldog Reporter Awards: Best Green Environmental Campaign – Green Boot Camp
- Bulldog Reporter Awards: Best Corporate and Community Nonprofit Partnership – KidSmartz
- Stevies American Business Award: Best Corporate and Community Nonprofit Partnership – KidSmartz
- Stevies International Business Award: CSR Program of the Year – Humanitarian Relief Fund - Philippines
- Stevies International Business Award, Best Communications Campaign of the Year – Humanitarian Relief Fund – Philippines
- Teachers Choice Award: Classroom Products – KidSmartz
- STEMconnector: Top 100 CIO/CTO Leaders in STEM – Krishna Mikkilineni

- PRSA Bronze Anvil: Public Service Announcements
- PRSA Bronze Anvil: Creative Tactics and Online Video – KidSmartz “Safety Dance” Video and Curriculum
- Boston College Film Festival CSR Award: CSR Video Campaign – KidSmartz
- SABRE Award: Best Corporate Citizenship – KidSmartz
- PR Platinum: Green – Green Boot Camp
- PR Platinum: Community – KidSmartz

## HGR Awards

- MNCs in Shanghai Best Innovation Practice Award (TOP 12) from Shanghai Government
- Malaysia PR Awards: Corporate Social Responsibility – HESA
- Shanghai Pudong – Top 10 MNC Regional Headquarters
- Zhangjiang Excellent Talent
- China International Public Relations Association (CIPRA) and 17PR – Most Influential CSR Programs in China
- Security Top 50 Ranking
- China Best Corporate Citizen – China Next Generation Education Foundation
- CNBC-TV18 Overdrive Engine of the Year Award – Revotron 1.2T engine aboard Tata Zest

- Tata Hitachi Construction Machinery Company Excellence Award – Honeywell Sensing & Control’s “Sustained Excellence on Delivery”
- Confederation of Indian Industry CII (Southern Region), Environment, Health, and Safety (EHS) Excellence Awards – Honeywell Environmental and Combustion Controls (ECC)
- Micro Small & Medium Enterprises (MSME) Award – ECC
- Silicon India-Mentor Graphics Leadership Award: embedded/VLSI industry – Aerospace
- Indian Automotive Technology and Innovation Awards (IATIA) “Engine Technology of the Year” – TS India
- Department of IT, Biotechnology, and Science & Technology, of the Government of Karnataka, along with Software Technology Parks of India-Bangalore, “IT Pride of Karnataka” – HTS
- China Automation Marketing and Research Seminar (CAMRS): Outstanding User Experience Award – Honeywell Experion PKS R300
- Best Innovative Product of the Year at CAIAC – HPS’s SmartLine Guided Wave Rader Transmitter
- Control Engineering China: Best Product of The Year – PlantCruise by Experion
- China Petrochemical Major Engineering Instrument Control Technology Forum
  - Top Ten Most Promising Instrument & Automation Company (HPS)
  - Top Ten Most Popular Online Analytical Instruments (HPS)
  - Top Ten Most Popular Temperature Instruments (HPS)
  - Top Ten Most Popular Pressure Instruments (HPS)
  - Top Eight Most Popular DCS Suppliers (HPS)
  - The Most Promising Brand of Level Instruments (HPS)
- Honda Green Excellence Award – TS Romania
- Chery Automotive Quality Excellence Award – TS China
- Isuzu Best Support in Delivery Award – TS Japan
- Tata Innovation and Technology Award – TS India
- CAT awards – SQEP Bronze Certification
- Star Performer Award: “Product Group of Power Engines and Parts” category – TS India
- Zhangjiang Talent Award – Leo Gu, Global Sr. Technology Director TS
- Federal Attorney for Environmental Protection (PROFEPA) – Environmental Excellence Award, Mexico
- Brazilian Association of Electronic Security (ABESE) – Brand Recognition Award, Brazil
- Digital Security Magazine – Outstanding Company Award, Brazil
- Latin America Security Association (ALAS): Support Award – Northern Latin America
- Civil Aviation Resource Net: Best Brand Innovation Award – China
- China Chemical: Outstanding Contribution to the Industry – PMT
- Huicong.com: Top Consumer Favorite Brand in Water Purification Industry – E&ES

*Any data or statistics referenced in this report come from publicly available sources or Honeywell proprietary information.*

# Honeywell



**Honeywell's innovative technologies are making our world cleaner and more sustainable, more secure, connected, energy efficient, and productive.**



# Honeywell

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