

## Honeywell in Malaysia

Honeywell is a Fortune 100 diversified technology and manufacturing leader, serving customers worldwide with aerospace products and services; control technologies for buildings, homes and industry; turbochargers; and specialty materials. Based in Morris Township, N.J., Honeywell's shares are traded on the New York, London and Chicago Stock Exchanges.

Our Malaysia operations started in 1985 and today we employ over 1,450 employees in six cities across Malaysia including Kuala Lumpur, Petaling Jaya, Shah Alam, Penang, Kemaman and Johor Bahru. Our technologies and solutions, such as integrated avionics systems for aircrafts, process controls and technologies for refineries, and building automation have been supporting Malaysia in its development of a safer, more secure and energy efficient society.

Honeywell's corporate social responsibility initiative, Honeywell Hometown Solutions, is an award-winning organization that focuses on five areas of vital importance to communities around the world: Science & Math Education, Family Safety & Security, Housing & Shelter, Habitat & Conservation, and Humanitarian Relief. Together with leading public and non-profit institutions, Honeywell has developed powerful programs to address these needs in the communities it serves.

### Aerospace

- Honeywell Aerospace products and services are found on virtually every commercial, defense and space aircraft, and its turbochargers are used by nearly every automaker and truck manufacturer around the world. The Aerospace business unit develops innovative solutions for more fuel efficient automobiles and airplanes, more direct and on-time flights, safer flying and runway traffic, along with aircraft engines, cockpit and cabin electronics, wireless connectivity services, logistics and more. The business delivers safer, faster, and more efficient and comfortable transportation-related experiences worldwide.
- Honeywell Aerospace first established its business in Malaysia in 1998 in Selangor. Today, Aerospace operates out of a 220,000 square foot facility in Penang that officially opened in January 2009. The Penang facility produces integrated avionics systems for commercial, business and general aviation and military aircraft.
  - For business aviation, the Penang site provides avionics and information systems for business jets, turboprops and twin-turbine helicopters.
  - For commercial air transport, the site's products include automatic flight controls, electronic flight displays, navigation systems, flight management systems, flight reference sensors, surveillance and warning systems (such as wind-shear detection and collision avoidance systems), weather radar, weight and balance systems, communications systems (such as SATCOM and radios), safety and flight control systems and complex radio frequency (RF) systems and air data systems. Honeywell has a long history and track record of providing services and innovative product solutions to all of Malaysia's major airlines.
- For automobile transport, Honeywell Transportation Systems (TS) is an industry leader developing technologies and innovations in turbocharging as well as braking materials. Honeywell Turbo Technologies is a leading automotive turbocharger supplier providing technology solutions to nearly every major automaker and truck manufacturer in the world. Honeywell turbo launches an average of 100 turbo applications a year and has nearly 500 in its development pipeline enabling fuel-saving and emission-reducing downsized turbocharged engines for passenger vehicles (gasoline, diesel, CNG, and hybrid), medium- and heavy-duty trucks, and off-highway, heavy-duty equipment. Honeywell supplies to original equipment manufacturers as well as the global automotive aftermarket.
- In Malaysia, TS sells its turbochargers through a specialized master distributor to serve the needs for installers to service and replace turbo chargers with original products. Honeywell also has a JV with Bosch in which Disc Brake Pads for Automotive applications are produced primarily for sales into the service and replacement aftermarket through its channel partners.

## Automation and Control Solutions

- Honeywell Automation and Control Solutions (ACS) offer a complete portfolio of innovative products, solutions and systems to create safer, more comfortable, more secure, more productive and more energy efficient environments at home and at work. ACS' seven businesses sell, manufacture and deliver products and services to consumers, businesses and industries in every region of the world. They include Environmental and Combustion Controls (ECC), Honeywell Building Solutions (HBS), Honeywell Fire Safety (HFS), Honeywell Industrial Safety (HIS), Honeywell Security Group (HSG), Honeywell Scanning & Mobility (HSM) and Sensing and Control (S&C). Its products, services and solutions help protect, control and automate 150 million homes, 10 million buildings, thousands of manufacturing and industrial plants, and 24 of the 25 top oil refineries in the world.
- In Malaysia, Honeywell has a manufacturing facility in Shah Alam of Selangor for electrical devices and systems.
- Honeywell switches and sensors are mainly applied to five major industries in Malaysia, including medical, industrial, transportation, aerospace & defense, as well as test & measurement, with a focus on the contract manufacturing industry.
- For about a decade, Honeywell has been a major provider of commercial and industrial building systems in Malaysia. Its systems are installed in prominent projects, including the famous KLCC Towers, the University of PETRONAS and Citibank. For many years, customers in Malaysia have ranked Honeywell as a premier building systems provider.

## Performance Materials and Technologies

- Honeywell Performance Materials and Technologies (PMT) is a global leader in developing advanced materials, process technologies and automation solutions. PMT's Advanced Materials businesses manufacture a wide variety of high-performance products, including environmentally friendlier refrigerants and materials used to manufacture end products such as bullet-resistant armor, nylon, computer chips and pharmaceutical packaging. Process technologies developed by PMT's UOP business form the foundation for most of the world's refiners, efficiently producing gasoline, diesel, jet fuel, petrochemicals and renewable fuels. PMT's Process Solutions business is a pioneer in automation control, instrumentation and services for the oil and gas, refining, pulp and paper, industrial power generation, chemicals and petrochemicals, biofuels, life sciences, and metals, minerals and mining industries.
- In Malaysia, Honeywell provides engineering, design and fabrication of process plants and equipment for gas processing and hydrogen industries. Honeywell PMT manufactures membranes, which remove impurities from natural gas, at our facility in Penang for distribution to customers worldwide. PMT also provides refrigerants for air conditioning and refrigeration applications, as well as caprolactam for textile yarn production.

## Honeywell Hometown Solutions

- As of 2015, 11 middle school teachers from Malaysia have received scholarships to attend the Honeywell Educators @ Space Academy program at the U.S. Space & Rocket Center in Huntsville, Alabama. With a focus on science, technology, engineering and math, the training includes simulated astronaut-style exercises, laboratory and professional development, and space exploration.
- In October 2013, 60 employees from the Honeywell facility in Penang planned and participated in a math and science day at a local school reaching 300 middle and high school students. Activities included math and science competitions and quizzes, as well as inspiring students about great career opportunities in the engineering field.

- As of 2015, five high school students from Malaysia have participated in the Honeywell Leadership Challenge Academy program at the U.S. Space & Rocket Center in Huntsville, Alabama. This program is to encourage high school students from around the world to pursue STEM-related careers and learn about global STEM opportunities for their future.

## **Contact Us**

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