

Industrial Security

Your Partner of Choice for Industrial Security





In today's challenging times, many kinds of industrial facilities have been identified as potential targets, including chemical and petrochemical plants, oil refineries, liquid and natural gas distributors, pulp and paper mills, mining operations and pharmaceutical plants. That's why the need for a comprehensive security strategy for these facilities and other critical infrastructure is escalating in urgency worldwide.

Given these realities, you need a strong partner who can stand with you through the maze of challenges that you face in providing an effective security solution for your industrial sites. We understand that when it comes to something as important and complex as the security of your industrial plant, your employees and perhaps even the surrounding community — the company that you choose to partner with is a critical decision.

As a trusted name in both security and process control for more than half a century, Honeywell is now setting a new standard in industrial security with innovative products and trusted end-to-end solutions. And we're committed to providing you with the global coverage and local support that you need, with products and solutions that are installed and serviced by a network of Honeywell direct offices and authorized integrators.

Come to Honeywell...let's talk solutions.

You are our business

Why make Honeywell your “partner of choice” in security

- We're committed to security
- We deliver the newest innovations, technologies and products
- We have the best people and a global network of direct offices and authorized integrators
- We bring you the power of Honeywell

For Honeywell, security is core to who we are and what we do and it's a substantial part of Honeywell's business. It's an area where we invest heavily, and in fact, the phrase “building a world that is safer and more secure” is part of Honeywell's brand promise. As a leader in both security technology and process control technology, and as an operator of our own chemical plants, Honeywell is unique in its ability to understand your plant's requirements and deliver an effective, integrated security solution. At Honeywell, we believe in taking a holistic security approach — and that means implementing one solution that improves security, reduces risks and increases peace of mind across the facility.

We ourselves have invested in and implemented a best-in-class security solution at our Specialty Materials Chemical site in Geismar, Louisiana. At the Geismar facility, we have successfully integrated advanced security systems with advanced process control systems, making it the first of its kind, and the model for how industrial security can be put into practice in these challenging times.

Our security solutions can be scaled for sites of all sizes and adapted to manage different types of hazards and risk levels. The lessons we've learned through our own investment in this area helps us deliver a solution that is more effective and more affordable, a solution that will protect your plant and employees and help keep our surrounding communities safe.

We're also committed to designing solutions that meet or exceed existing and pending government regulations.



Honeywell solutions secure mission-critical sites, including the U.S. Strategic Petroleum Reserve and the Caspian Sea Pipeline.



Many of the world's leading pharmaceutical and biotech plants are secured with Honeywell solutions.

The industrial standard in security

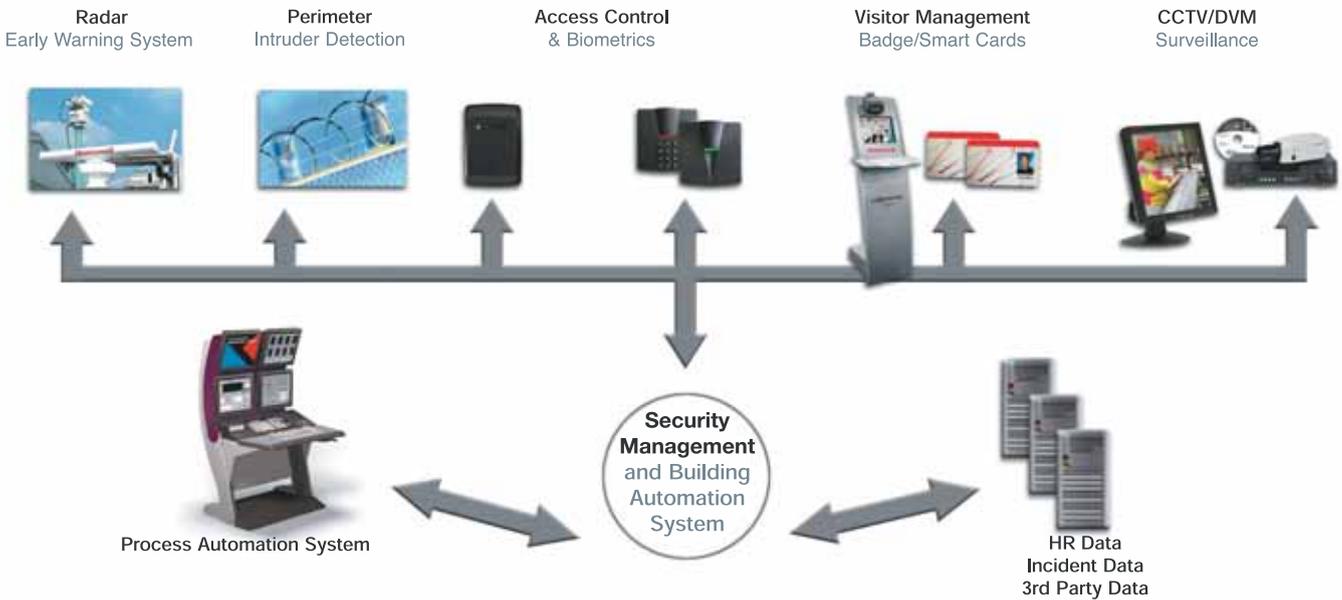
Across Honeywell, we're investing over \$100 million a year in security-related research and development. And we leverage the best technologies globally at our Engineering "centers of excellence" in the U.S., Canada, Korea, China, India, Scotland and France.

We have a broad range of scalable solutions in intrusion, fire, video and access control and we're seamlessly integrating those worlds, so that you can more effectively and efficiently manage your security operations. We can also integrate security with process control, building management and HR systems for greater efficiency and plant reliability.

An integrated and centrally managed security solution results in a faster response to events, and leads to less expensive implementation and maintenance costs, because we assure that all the pieces of the solution will work together far into the future.

The reality is that it takes a seamless integration of multiple technologies to properly secure an industrial site and Honeywell is uniquely qualified to provide these solutions.

Honeywell's Best-in-Class Integrated Security Solution



A Honeywell industrial solution brings together multiple security technologies and can integrate with process control, building control and other systems. **The result:** faster response and more informed decisions.

The industrial standard in security

At Honeywell, we're seamlessly integrating the worlds of access control and video surveillance together, enabling a more effective solution and faster response.

Access Control: Honeywell offers solutions that can secure one door or thousands of doors that span continents. Our advanced security management software is scalable to secure small, mid-sized and even global enterprise solutions and can seamlessly integrate with digital video, intercoms and biometric devices. We offer "smart card" solutions that allow even higher security, while making it possible for a single card to be used at multiple sites, and for applications that extend beyond access control, including retail or vending machine transactions.

Visitor Management: LobbyWorks™ is an interactive kiosk that can manage the multitude of visitors to your site. With LobbyWorks, visitors are identified, shown a safety video, and then issued a badge, while providing e-mail notification to the sponsor. It can also track the visitor while on the premises and muster in an emergency. And LobbyWorks can match against "watch-lists," satisfying the querying or reporting requirements of regulatory agencies.

Video Surveillance: Honeywell has the security industry's broadest, most robust selection of digital video solutions. Our advanced digital matrix switching systems are the world's most powerful, and can support up to thousands of cameras. And our high performance cameras can function in even the most hostile industrial conditions. We have cameras with IR illumination for seeing in total darkness, wide dynamic range cameras that can provide amazing detail in the most severe high contrast situations and even explosion-proof domes for volatile and gaseous industrial environments.

The key to a successful video system is being able to manage and filter through the vast amounts of video information that is captured continuously. Honeywell's Digital Video Manager (DVM) enables control of all systems from a single workstation and fully integrates with access control and other intrusion systems. It can respond to alarms and events, automatically recording and sharing vital video between the control room and the security command center, making the system less dependent on operator observations. DVM also enables you to take advantage of your existing network, eliminating the need for coaxial cables and providing you with unprecedented flexibility in camera positioning.



Honeywell's explosion-proof dome cameras are designed for gaseous, industrial environments



LobbyWorks™ is an interactive kiosk that can manage the multitude of visitors to your site



Honeywell's Vindicator solutions have provided mission-critical security for military bases and many of the world's most sensitive sites, and its advanced perimeter intrusion detection technology is now available to secure the nation's industrial plants and facilities.

Perimeter Intrusion Detection:

These innovative solutions combine disparate perimeter intrusion technologies into a single robust system, including fence line sensors, underground sensors, microwave, radar, and "intelligent video" offerings that can distinguish "normal activity" from that which pose a security risk. It utilizes a redundant and highly encrypted communications network to route data from the sensors and access control locations to the command and control system.

This technology has been approved by the U.S. Government for use in applications requiring up to DOD Nuclear Certified Equipment (NCE), DOD/DOE Compliant Access Control, USAF Protection Level (PL1-4) Nuclear and Non-Nuclear, UL 2050, and DCID 6/9 standards. It is used by the Strategic Petroleum Reserves, Saudi Aramco, and all four of the U.S. Armed Forces – the Army, Navy, Air Force and Marines.



Access control secures hazardous or sensitive areas.

Advanced Technologies

Radar Technology:

With the help of Honeywell's Aerospace business, we've been able to deploy sophisticated off-the-shelf radar technology to push security surveillance out "beyond the perimeter" of the plant. It also allows you to share real-time data with the U.S. Coast Guard and first responders.

Automated Mustering:

The system automatically tracks who is in the facility and where they're located in real-time. That means that managers don't have to walk through a dangerous plant looking for their employees in an emergency, and first responders can be directed to the exact location and find those who need help immediately.

Asset Tracking:

With our GPS-enabled tracking solution, you can track hazardous cargo, vehicles, and personnel on or off site to assure shipments are delivered safely and on-time.

Cyber Security:

The process control network should provide a level of reliability, availability and performance to ensure a safe, uninterrupted operation. Honeywell's cyber security services suite evaluates vulnerability and risk, recommends appropriate changes, develops the best design for specific requirements, implements the design, and offers continuous management of the environment. Ensure that your process control network is secure against the growing threat from hackers and cyber intrusion.

We believe it's our people that really make us stand apart.

Our industrial security team at Honeywell consists of knowledgeable professionals who have years of experience in providing security for industrial sites.

Our experts can provide security assessment, design, engineering, installation and support services and our global footprint allows you to standardize your security procedures at your sites around the world.



Honeywell was designated as the "Best Security Solution in Europe" by a leading European trade publication, for its integrated security system at the Trillo and Almarez nuclear power plants in Spain.



Honeywell radar technology pushes security out beyond the perimeter of the plant.

Advanced Technologies

We have a Homeland Security Council in Washington D.C., comprised of business and technology leaders who are experienced in government relations. This team works across Honeywell to develop and implement security solutions to help protect the nation's critical infrastructure and sensitive industrial facilities. Their charter is to work closely with federal, state and local governments to understand how legislation affects our customers, and they can help navigate through the grants process in order to access a variety of funding sources.

As a MTSA (Maritime Transportation Security administration) grant recipient for the Geismar Chemical Plant, we understand the DHS grants process and the importance of working with first responders, like the U.S. Coast Guard when designing a security solution that includes the safety of the community as well as the plant. And wherever you have operations, you can also be assured of strong local support and a choice in service providers through our worldwide network. There are few investments more important than providing effective security for your plant and its employees. That's why it's essential to select a partner that will be there for you... a partner that is committed to security and one that truly understands the needs of the industrial customer. Partnering with Honeywell means benefiting from the power of a global \$28 billion Fortune 50 company with 116,000 employees. The mission of protecting chemical sites and other industrial facilities requires an intimate knowledge of those businesses. Honeywell brings a wealth of experience and a depth of offerings to the table, along with a flexible approach that can successfully accommodate and integrate existing systems into your solution.

Our brand stands for quality

Everything from motion sensors to bullet-resistant materials, from avionics systems to industrial plant management solutions, is part of Honeywell's extensive, exclusive, ever-expanding technology portfolio. And, everywhere the Honeywell logo appears it stands for quality, as we are Six Sigma trained and strive for operational excellence in everything we do. Most of all, we're focused on doing the best job for our customers every day — and we're making sure that you can count on us to provide the best security solution for your plant or industrial site.



Our team of experienced Honeywell security professionals are there to support you whenever you need it.



Our experts can provide security assessment, design and engineering services.