



**Commerce Flowing
Safely and Securely**

Heightening security – without slowing commerce.

Today, managing an effective port is about maximizing security without impeding commerce. Honeywell delivers both – with a level of innovation, experience, reliability and product depth no other provider can match.

More than 200 of the world's ports and airports trust Honeywell to apply its proven track record in military defense, commercial security and national infrastructure protection toward keeping their facilities running safely, securely and efficiently.



REAL SITUATIONAL AWARENESS – FROM HONEYWELL

In the best of times, the size and complexity of port operations make them a real challenge to manage. And now, with an enhanced need for scalable, reliable security from shipping lane to dockside and beyond, it is even more important to take a systemic approach to solutions.

Diverse technologies must be able to share data, analyze it and deliver in a way that can be acted on with limited human and budgetary resources. That's exactly what Honeywell Security Management Solutions can do: give you the big picture of your port and the understanding you need to act effectively.

PERIMETER INTRUSION DETECTION

Honeywell's perimeter intrusion detection systems help protect critical infrastructures around the world including armed forces, airports, industrial/power facilities and seaports. Our systems combine many different security technologies into a single robust solution resulting in total situational awareness.

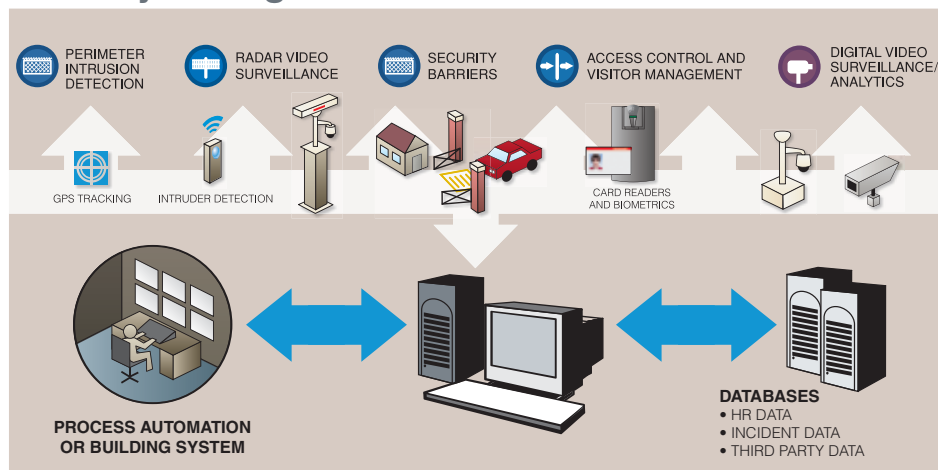
ACCESS CONTROL/BADGING

Honeywell access control products and solutions range from traditional gate management to tenanted-area access. We offer a broad range of access control readers including contact, contactless, proximity and biometrics versions to meet your specific needs. Whether it is an entry system of two or 20,000 access points, or the need for complete TWIC integration and support, our access control solutions allow seamless growth without ever having to change user interfaces or additional training requirements associated with a new software application.

VIDEO SYSTEMS AND ANALYTICS

Honeywell offers a broad range of video and video analytic solutions to proactively address system-wide alarms and video information. We have developed our own video intelligence system and have worked with multiple partners in this technology. Integrated into our own video analytics products and security platforms, these cutting edge technologies allow surveilled events to be analyzed, prioritized and immediately displayed on event screens (as well as flag video, change record speed, etc.).

Security Management



Honeywell's "big picture" approach unites data, images and information from a variety of systems to give you real-time situational awareness.

RADAR VIDEO SURVEILLANCE (RVS)

A Wide Area Surveillance System that integrates Radar, Automatic Identification System (AIS), Video and Thermal Sensor data to provide the highest value wide-area surveillance system available. Since RVS automates detection, tracking and alarming, based on the end user's site security plan, security personnel can perform tasks other than monitoring the detection system. When an alarm is received, personnel can identify the threat and make a security decision before it reaches the perimeter – decreasing the response time to potential threats.

SOLUTION SPOTLIGHT: PORT OF THE AMERICAS SAN JUAN, PUERTO RICO

“Securing the world’s ports has become a top priority since 9/11. The Port of San Juan experiences high levels of traffic throughout the year, so we wanted to be even more secure than required. We knew we could count on Honeywell to provide a reliable and affordable security solution under an aggressive schedule.”

- Fernando Diaz, General Security Director,
Puerto Rico Port Authority

The Port of the America’s Integrated Digital Surveillance System from Honeywell will boost port security and help protect against terrorists. Covering the entire 11-mile perimeter of the port, the new system gives security personnel a complete view of activity in the San Juan Bay and on the port platform.

The result: a digital surveillance system that supports integration with other enterprise systems through a single PC workstation. In the event of a maritime or aviation emergency, authorities will be able to manage security operations at either location.

HELPING ACHIEVE COMPLIANCE TO INTERNATIONAL AND NATIONAL STANDARDS

With over 50 years of providing security solutions to global critical infrastructure clients, few companies are as knowledgeable in this area as Honeywell. Honeywell offers identity management solutions that will provide identification and authentication of your employees and visitors to meet the highest governmental standards, including:

International Ship and Port Facility Security Code (ISPS): Honeywell can assist you in assessing your port’s security risks. Based upon this risk assessment, solutions and procedures will be defined and implemented to comply with ISPS standards and provide your port with Total Maritime Domain Awareness.

Transportation Worker Identification Credential (TWIC): Whether your port is trying to comply with TWIC or similar international access control standards, Honeywell can define and implement a comprehensive and cost effective solution to meet your needs.

Honeywell is also a leader in providing Perimeter Intrusion Detection Systems (PIDS) that meet the stringent standards of militaries around the world.

Instant Overview: Honeywell Maritime Solutions

Radar Video Surveillance (RVS)

RVS uses radar and CCTV cameras to detect and track, and AIS to identify intruders along the waterside perimeter.

Access Control & Visitor Management

Our comprehensive solutions can combine access control, video, video analytics, visitor management and perimeter protection into one easy-to-use graphical user interface.

Digital Video Surveillance & Management

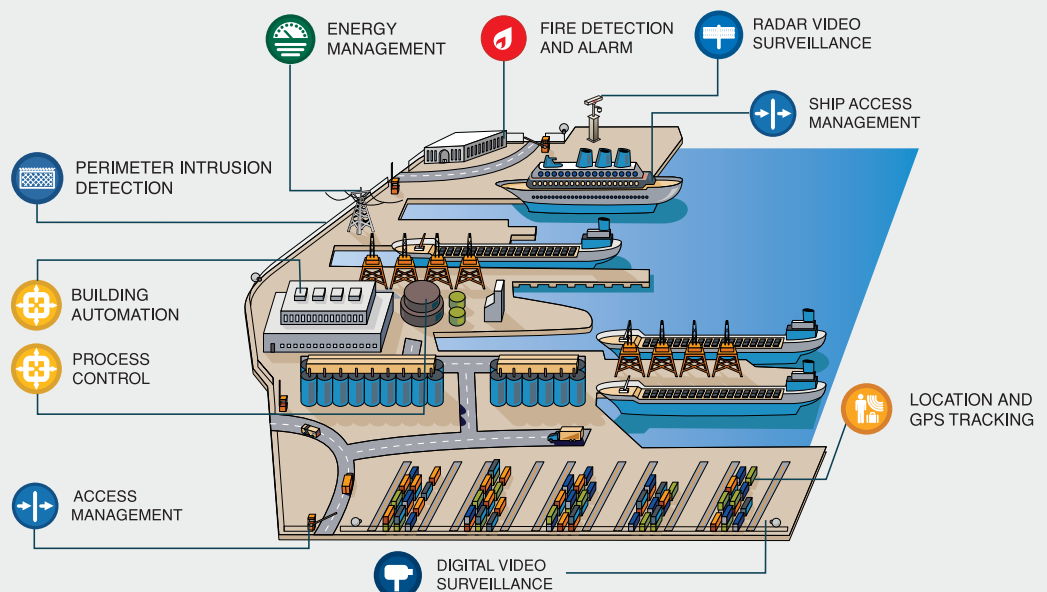
Honeywell’s state-of-the-art digital surveillance system can automatically record, play back and store video clips and perform a wide variety of next-generation video analytics.

Perimeter Intrusion Detection

With unparalleled experience in virtually every technology, we can integrate cameras, sensors, radar and access control into one command-and-control center.

Location & GPS Tracking

GPS and wireless communication is used to track, locate and manage equipment, people, cargo and other vital assets – as well as electronically manage muster stations to improve security and safety.





**SOLUTION SPOTLIGHT:
PORT OF MIAMI, FLORIDA**

“Radar Video Surveillance System and the Automated Information System is another example of how the Port of Miami is implementing cutting-edge technology to strengthen our ability to provide a secure environment for both our cruise and cargo customers.”

- Bill Johnson, Port of Miami Director

The Port of Miami, in Florida’s Miami-Dade County, is known as both the Cruise Capital of the World and the Cargo Gateway of the Americas. With daily maritime traffic that includes large numbers of commercial and recreational vessels, any effective security system needs to employ a range of technologies to cover this vast harbor complex.

The port installation makes use of radar arrays to monitor ship traffic. The Honeywell Radar Video Surveillance (RVS) system serves as the backbone of each array and enables authorities to respond quickly to potential threats by integrating waterside radar with Automatic Identification System (AIS) and video data.

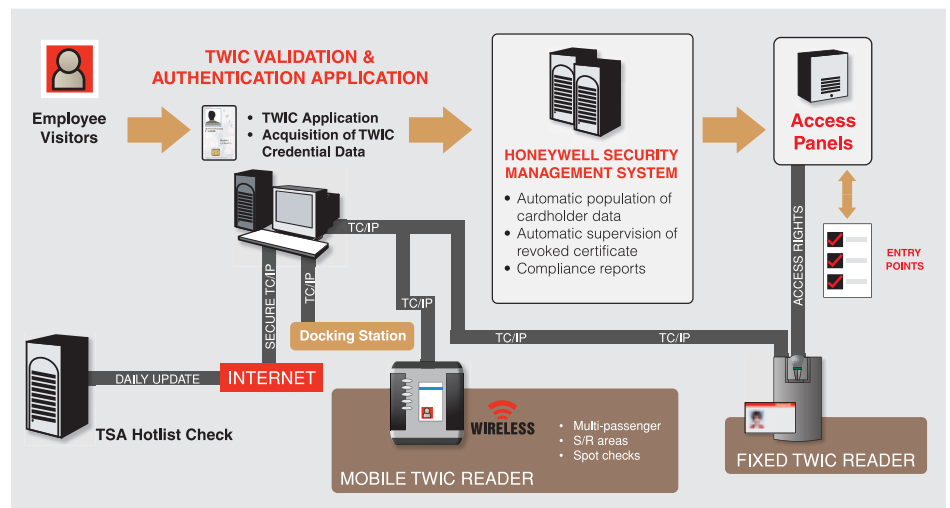
The RVS software allows security personnel to create rules for identifying potential threats, including defined alarm zones, ship speed and direction, time of day and other operator inputs. Intruders detected by the radar system are depicted on the RVS Graphical User Interface to allow security personnel to use Honeywell’s ACUIX™ pan/tilt/zoom (PTZ) cameras to assess and track the targets.

Collaboration with the Port of Miami Information Technology Section enabled the integration of the Honeywell solutions

(RVS, AIS) with the port’s legacy Access Control and Ship Scheduling Systems. The Access Control Integration provides for the immediate notification of RVS alarms to the legacy central alarm monitoring system, while the AIS provides vessel arrival and departure information to the port’s legacy Ship Scheduling System.

WHY HONEYWELL?

- A trusted name in commercial security and controls for more than a half century
- The world’s largest manufacturer of security products
- The provider of choice to meet U.S. military defense security needs for more than 25 years
- Global resources and experience with local access, delivery and support



MARSEC Levels: Honeywell solutions allow you to institute changes to your security procedures based upon changes in MARSEC levels.

Find Out More

Honeywell can help keep your port operations moving while enhancing security from every quarter. To learn more, visit www.honeywell.com/cip or call **1-800-345-6770, ext. 612.**

Automation and Control Solutions

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