



SECURE YOUR SITE WITHOUT DISRUPTING OPERATIONS

Situational awareness and wide area surveillance system

Radar Video Surveillance (RVS)

PROTECTION FROM PERIMETER TO SHIP

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

Honeywell's Radar Video Surveillance (RVS) system is no exception, helping to detect, track and respond to potential threats. Advanced radar and video technology covers a wider range of your facility, from your extended perimeter to the core of your operations. And because RVS is an automated system, response time and resources are greatly increased. Put simply, RVS will help you run a more efficient, cost-effective, secure operation.

AUTOMATED DETECTION AND TRACKING

- Wide Area Surveillance System.
- Supported by radar and other sensors.
- Automates detection and tracking of potential threats to your facility, and directs your attention to those threats.
- When an intruder enters the user-defined rules, alarms are generated, automatically directing a PTZ camera to the threatened area.

- Video is recorded and distributed over a Local Area Network to provide a recorded history for future reference or evidentiary purposes.

SITUATIONAL AWARENESS

- Equipped with a full-featured Geographic Information System (GIS) engine to display an aerial view of your facility, complete with an overlay of all sensors and threats on a single monitor.
- Display is available in the control room and on any PC on the facility network.
- Potential threats are easily distinguished from known objects.
- To further investigate possible situations, RVS allows the user to click a point on the map which automatically finds the closest camera and brings up live video of the area.

WIDE VARIETY OF SENSORS AND RESPONSES

RVS combines marine and ground radar. Whether at sea or on land, your large open area is covered.

Includes Automatic Identification System (AIS) and Global Positioning System (GPS), which filters known vehicles and vessels and reduces false alarms.

Provides a CCTV response using Digital Video Manager (DVM), and alarming via Enterprise Buildings Integrator (EBI) or a Honeywell security platform such as MAXPRO® VMS or Pro-Watch®.

LOW COST OF OWNERSHIP

Long-range, 360° coverage: RVS reduces the equipment, infrastructure and maintenance required to secure a wide area, compared to competing technologies such as Video Analytics, Infrared, Sensors and Microwave.

Since there's less software and hardware, the cost of system maintenance is greatly reduced.



CONVENIENCE, RELIABILITY AND FUNCTIONALITY

The Honeywell RVS system is easy to understand and operate, and it can be integrated with security systems and processes already in place. RVS also incorporates user-friendly features that will help to identify and respond to potential threats.

Automatic detection and tracking frees personnel to perform tasks other than monitoring the surveillance system.

An increased detection range allows more time to respond to threats.

Integration with DVM allows you to use existing CCTV cameras to display, distribute and record threats.

A full-featured GIS engine provides situational awareness display to any location on your Local Area Network.

User-defined alarm zones automatically detect, track and prioritize potential threats entering any of your designated areas.

User-defined rules capture the operational intelligence of your facility to prioritize threats and reduce false alarms.

Threat prioritization allocates the closest CCTV assets to the highest priority threats.

Multiple configurations include the images, rules and alarm zones for different operations or security threat levels.

With **AIS/GPS filtering**, you'll find a Red Force/Blue Force view on your Situational Awareness display.

Look Here allows you to point and click anywhere on the map to quickly display live video of a potential threat.

A **Threat Summary** provides a tabular view of known assets and potential threats currently being tracked.

Threat Details can be viewed by mousing over a threat or known object, which then pops up a detail window showing all details for the known object.

Because RVS allows for easy **integration with other security platforms**, RVS alarms are processed the same way as any other access or intrusion alarms you may have at your facility.

Camera override is available so that operators can override control of PTZ cameras at any time, allowing them to investigate threats or verify system operation manually.

You need **open architecture** to share data with other systems, so RVS is built on .NET technology, using SQL Server and XML interfaces to do just that.

Response times to actual events are greatly reduced. RVS directs your attention to where it is most needed.

SENSORS



Marine Radar



Automatic Identification System




Ground Radar

RVS APPLICATION



SECURITY SYSTEMS





Honeywell is a leading provider of technology, innovation and service for critical infrastructure customers around the world.

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.

RVS APPLICATION

RVS is deployed globally to protect seaports, airports, chemical plants, oil refineries and offshore platforms. Using RVS to automate surveillance in these environments frees up security personnel to better protect the safety and security of people and assets. Monitoring fence lines at airports allows the protection of miles of perimeter with a single radar and camera set. Creating virtual perimeters at waterside facilities provides an easy-to-use situational awareness picture. By combining a wide range of sensors with flexible rules and a wide range of responses, RVS provides more effective wide area surveillance at a much lower cost than the alternatives.

CRITICAL INFRASTRUCTURE

Honeywell offers the most extensive portfolio of integrated safety and security systems for critical infrastructure customers around the world. From project management and design, to lifecycle services and operation support, Honeywell technology and service is helping to make the world more safe, secure and productive. Our global project experience includes airports, maritime, metro rail, industrial, government/military and public events.

For More Information

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FUTURE
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