Honeywell Security Group

Honeywell

Advanced, intelligent and integrated security solutions

Securing Homes, Businesses and Possessions across Europe, the Middle East and Africa

use-IP

Honeywell

Premium security for homes, businesses and possessions

In today's unpredictable world, being able to identify, understand and address security needs is of the utmost importance. It's a priority for any business that wants to protect its personnel, its premises and its property, as well as minimising any potential disruption to its core activities. And it's also of key importance to homeowners that want to protect their homes and possessions - and to feel safe and secure.

Consequently, we have developed a comprehensive and versatile range of security solutions. These are designed to meet the current and future needs of businesses (of all types and sizes) and homeowners. We are committed to ensuring the highest levels of protection, so that you can have peace of mind that you and your key assets and resources are completely safeguarded.

Safe and secure

Honeywell Security Group is a leading global provider of access control, intruder detection, video surveillance and integrated security solutions for the commercial and residential markets. We focus on delivering innovative security products and services across Europe, the Middle East and Africa (EMEA).

In a nutshell, we provide:

- **Sophisticated but cost-effective solutions** – which are designed to deliver a high return on investment
- **Integrated and scalable technology** – to protect your investments and keep them protected as your requirements grow and evolve
- **The highest levels of security** – which can deter, detect and prevent threats and translate into lower financial and operational risks

Security systems for every need

Honeywell's continuing emphasis on putting the customer first means that we have developed a diverse array of security solutions in response to different business and personal needs. These are all designed for your convenience and security: our systems are versatile, easy to use, as well as being highly reliable and cost-effective.

Access control systems

Honeywell is the leading developer of access control solutions. Our range of products vary from single door access control and standalone web-hosted access control to integrated systems capable of managing thousands of doors and alarm monitoring points globally.

Other options include proximity readers; smart card readers; bio-metric readers; and even a floor standing visitor self-registration kiosk (a stylish station for visitor sign-in).

Our security systems are a valuable and user-friendly investment

Intruder detection systems

Honeywell has pioneered many developments in this area. Our systems use the latest technologies and range from intruder alarms, control panels and motion sensors through to fully integrated intrusion and door control security installations. They also include environmental protection and life safety devices, and perimeter protection products including glassbreak, seismic and shock sensors.

Some of our systems have a modular design and different communications options, so that you can tailor them to your precise needs. You can choose from wired, wireless or hybrid solutions. We've developed reliable, supervised wireless products as well as flexible hybrid control panels.

Video surveillance systems

The reliability, integrity and dependability of our video systems ensure that you can meet all of your existing and future security challenges with complete confidence. Our solutions range from IP and analogue cameras and domes, and digital and network video recorders, through to intelligent video analytics and sophisticated video management systems.

We use the latest digital video surveillance technology. Our cameras provide exceptional image clarity and definition, and our video systems allow easy migration from analogue to IP-based technology.

Remote managed services

Our remote managed services enable customers to control and maintain single and multiple sites from one central location and deliver significant benefits:

- Round-the-clock support
- The ability to have your security systems serviced without a site visit for greater convenience
- The ability to respond to and monitor critical events more effectively, whilst minimising system downtime

Integrated solutions

Honeywell's philosophy when developing world-class security solutions is: **'Integration by design'**. The starting point is listening carefully to our customers so that we can develop products and services that meet their specific needs. The solutions are then designed to operate seamlessly as part of an integrated security management system.

A truly integrated solution allows different products to 'talk' to each other as well as providing backwards and forwards compatibility with future versions of each product. We are committed to developing robust, future-proof security solutions that will give you the protection you need both today and in the future. We also take integration a step further by collaborating closely with third party software companies.

We can facilitate integration across access control, visitor management, intruder and video systems to maximise the value of your investment and to reduce the lifecycle and operating costs. Our ability to collect, integrate and distribute information from multiple points sets us apart from many other companies. For medium or large enterprises, the ability to have truly integrated security solutions and software which can sit on a single server is particularly important:

- An integrated system prevents security breaches, improves response times, reduces risk in an emergency and boosts productivity
- It makes management of the system easier and more effective
- It simplifies maintenance and support contracts

Our integrated solutions meet your current requirements and anticipate your future needs

Intelligent buildings

For even greater versatility, security systems can also be integrated with a building management system (BMS) to ensure the development of a secure, comfortable and safe environment right from the outset. For instance, access control, intruder detection and video surveillance systems can be connected to air conditioning systems, fire alarms, emergency lighting, the IT infrastructure and the HR system.
If, for instance, a fire alarm is triggered, the system can automatically record and display video images of the affected area. Access control cards can be programmed with the cardholder's credentials, including their personalised preferences for temperature and lighting settings. Due to the integration with the BMS, these settings can then be applied based on the person's location within a building.

Key benefits of integration

- **Flexibility** – an integrated system is highly versatile and adaptable
- **Effectiveness** – it offers even higher levels of security, responsiveness and peace of mind
- **Convenience** – the systems can be managed and controlled from a single, dynamic, user-friendly graphical user interface

IP-based systems

Internet protocol (IP)-based systems are growing in prevalence as viable options to (or alongside) traditional analogue-based approaches. IP migration is not a matter of 'if' - it's simply a matter of when. Previously, the proprietary nature of IP systems has been a primary barrier to IP adoption, but the tide is now changing.

A fully integrated, state-of-the-art IP system allows the easy management, maintenance and control of multi-faceted solutions across an organisation in a cost- and time-efficient way. Businesses want to reap these benefits to realise a powerful return on investment (ROI). In addition, for IP-ready organisations, access to the best high definition camera technology is viewed as a major opportunity to benefit from superb image quality.

The migration question

If you already have an analogue-based system, you might prefer to migrate gradually to an IP-based approach by having a combination of both types of solutions. In many cases, you will be able to leverage your existing network infrastructure and cabling when installing IP-based systems. This means that the actual installation cost will be lower than expected, due to the need for less cabling.

However, migration to a complete IP-based system can be relatively simple and seamless. Ultimately, whether you want to make a complete switch to IP or would prefer a hybrid approach, the critical aspect is network accessibility.

Initially, many small and medium-sized companies will probably decide to retain their analogue systems. We therefore offer a wealth of different analogue options. We have also developed hybrid solutions that enable businesses of any size to make the transition to IP at a pace that suits their budgets and needs. Meanwhile, companies at the higher end of the market might prefer to migrate fully to IP so that they can leverage its many benefits.

Key benefits of an IP-based system

- It gives you better control of your capital and operational investments by reducing equipment and storage requirements, whilst also boosting productivity
- You can maximise your existing security and IT investments and implement IP-based solutions as the business needs arise
- It allows flexible and easy system management anytime and anywhere ,with the use of mobile devices including smart phones and computer tablets

Honeywell Open Technology Alliance

The Honeywell Open Technology Alliance is a group of global security manufacturers that collaborate to increase interoperability between IP systems. This ensures that our products work with other manufacturers' products, and makes it easier for other manufacturers to integrate with Honeywell products.

The Alliance promotes two initiatives:

- Honeywell works with security manufacturers to integrate third-party equipment - such as cameras, streamers and recording devices
- We also strive to integrate Honeywell equipment into other manufacturers' open video management platforms

Because devices will now be more compatible, this provides more choice and flexibility when designing security systems, driving value for end users.

The Physical Security Interoperability Alliance (PSIA) and the Open Network Video Interface Forum (ONVIF) have developed their own IP system specifications. For example, the PSIA standard aims to establish a primary protocol architecture for communication and compatibility between IP-based cameras and also access, intruder and building controls.

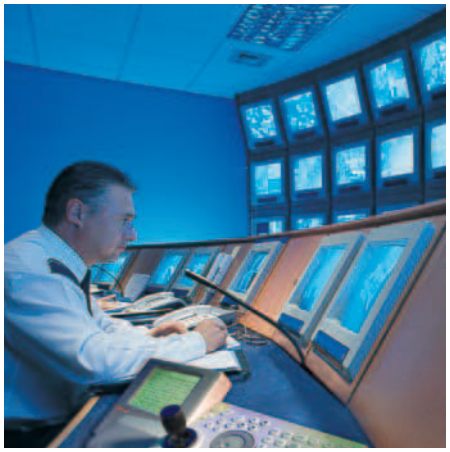
Customer segments

Honeywell Security Group operates within a diverse array of customer segments:

- Retail
- Banking & Finance
- Healthcare
- Education
- Transport
- Leisure
- Residential Property
- Commercial Property
- Industrial/Manufacturing
- Airports
- Seaports
- Energy
- Utilities
- Government

Whether you choose an analogue or IP based system – or a combination of both – we can help

Security solutions that are right for you and your organisation – whatever its type, needs and size



Featured customers

Here are just six examples of customers that use our solutions in different ways to bring a wide range of benefits:

United Business Media Ltd (UBM)

"The new system is more user-friendly and its improved screen layout enables us to quickly and easily track anyone or anything inside or directly outside the building"

Paul Gosnell
Head of Security Ludgate House
UBM

Case Study – Commercial Property

In 2008, UBM added the Galaxy® Dimension intruder alarm system and Fusion digital video recorders to its existing WIN-PAK® access control system to create an integrated and more robust platform with increased capability. Security staff could now monitor alarms and record remote images by means of the Fusion Video Management Software. This unique level of integration allows video to be linked to both access control and intrusion events and alarms. Video clips can easily be recalled through the software, based on time or event.

With integration, UBM has complete camera control, including pan, tilt and zoom, and can verify live users with stored images using the video verification option. In 2010, UBM added MAXPRO® VMS which controls multiple sources of video subsystems in a facility to collect, manage and present video in a clear and concise manner. MAXPRO VMS is a highly cost effective solution. A key feature is its capability to control a hybrid of analogue and IP cameras and domes. This meant that UBM could make the best use of its security budget by not having to replace existing camera technology with more up to date devices.

OBI Italia

"We now have a complete security solution which offers the appropriate level of protection to suit OBI Italia's requirements: totally flexible with a simple and intuitive graphical user interface that allows quick and effective control"

Daniele Sgrilli
Technical Director
OBI Italia

Case Study – Retail

Galaxy Dimension was chosen as it was the only platform that would allow the security system to be integrated with the access control system while also allowing the development of monitoring software that would integrate all security functions (intrusion, video and access control).
Galaxy Dimension's access control function and its compatibility with standard Wiegand readers allowed the use of one swipe card for intrusion and access control. This offered a considerable advantage in terms of time and cost. In addition, the Galaxy Dimension system integrates with third-party manufacturers' systems enabling OBI to retain its existing video system.

The flexibility of the Galaxy Dimension allowing it to merge seamlessly with other building control systems meant that it fully met OBI's requirements. Thanks to its extensive knowledge of the Galaxy Dimension, Systems Integrator Elcon Italia developed the supervision software to allow management of the various intruder, video and access control functions from the control centre in the reception area of every store using one simple and intuitive touch screen graphical user interface. The touch screen not only displays alarm signals but also maps and related video images in detail.

Nomura

"The Honeywell Pro-Watch solution is fantastic! It's a robust, resilient and flexible security management system capable of integration. Integrating it with our own PeopleSoft® human resource system and intranet saves us significant administrative time by eliminating repetitive data entry associated with managing and aligning cardholder information and access rights"

Andy Williams
Head of Security EMEA
Nomura

Case Study – Banking and Finance

International bank Nomura invested in the Pro-Watch® Enterprise Edition access control system for its London office enabling it to centrally control access to an unlimited amount of doors and areas in offices around the world, including its remote data centres. It consists of one enterprise server that provides global management of a number of independent regional servers. The enterprise server acts as central storage area for system configurations and stores cardholder information and transaction history. The regional servers function independently as local databases while sharing information with the enterprise server.

The system takes the term 'user-friendly' to a higher level and has made it simple to enforce Nomura's access policy via built-in wizards and shortcuts. The Windows®-based graphical user interface minimises operator training and the built-in software wizards enhance system uniformity across sites. This contributed to a reduced installation time and a shorter overall learning curve for new users. Reporting is straight-forward and access control logs can be quickly and simply accessed. Should a fire alarm occur, a report can be generated quickly to show the details of all personnel within the building at that point in time.

St Peter's Primary Health Care Centre

"Price isn't always the driving factor in projects of this nature. We needed to provide St. Peter's Primary Health Care Centre with a reliable and trustworthy solution to ensure security could be maintained at the highest standard 24 hours a day whilst also having the capability and flexibility for cost effective expansion in the future"

Dawn Willis
East Lancashire Health Trust Centre Manager

Case Study – Healthcare

A Honeywell solution was selected because of the seamless integration of WIN-PAK access control software with Galaxy Dimension intruder alarm system and the flexibility, expansion options and overall reliability it provided. In addition, CCTV can be easily and cost-effectively added as the Centre's security needs evolve.

The integration also delivers other major benefits. The large number of smart door readers installed across the site provides controlled access to many different areas. Access to non public areas can be strictly controlled allowing access only to authorised personnel. This also ensures that card holders who no longer require access to certain areas or to the building can have their access rights revoked using the WIN-PAK system's user interface. It also allows the restriction of access to public lifts only allowing visitors access to the appropriate floors. The system is easy to use and manage. It allows complete control of people in the building at any given time, with real time identification of security breaches and ensuring a safer more secure environment for all.

SmartCity Malta

"ESI's expertise in using the Honeywell Software Development Kit has effortlessly combined what previously would have been two distinct processes for controlling the BMS and the security system into one easy-to-use system"

Shadi Khoja
Business Development Manager
ICT

Case Study – Commercial Business Park

A Pro-Watch Corporate Edition security system was installed to control door access at SCM01, a commercial building covering 12,000m^2 of office space providing flexible office suites together with shared facilities and parking. SCM01 is the first leadership in energy and environmental design (LEED) certified green building in Malta. Pro-Watch was integrated with the Tridium Building Management System (BMS) via a specific adapter designed by ESI Malta Ltd using the Honeywell Software Development Kit (HSDK). This adapter enables Pro-Watch and the BMS to efficiently share each other's input and output signals.

Intruder detection and video products were also installed. OmniAssure™ MIFARE card readers monitor access control cards. Video surveillance of the public areas is managed with IP PTZ mini dome and box cameras. High definition images are captured by MAXPRO VMS which also integrates with Pro-Watch. DUAL TEC® motion sensors and door contacts are installed, and alarm outputs triggered from these are managed by MAXPRO VMS with live video instantly showing the area in question on the video wall. The BMS is integrated with other infrastructure systems and equipment in the building, and critical alarm statuses and conditions from these systems are recorded as events in Pro-Watch. This innovative feature enhances the safety and business continuity of the buildings' occupants and owners. The security team manages the system using a dynamic, graphical user interface 'Alarm and Event Monitor' which displays clearly all alarm statuses and conditions from the BMS and Pro-Watch. The interface is integrated with computer tablets and smart phones for access away from the control room.

Accrington and Rossendale College

"We selected 4i Security to install our integrated intruder and access control system as they were the only installation company that fully understood all our needs and had the technological expertise and experience to deliver a solution that met all of our requirements and then some"

Haydn Gordon
Facilities Manager
Accrington and Rossendale College

Case Study – Education

Accrington and Rossendale College selected Systems Integrator 4i Security to install a modern and user-friendly security management system that would offer simplicity in both operation and maintenance, yet deliver the extensive specifications required by the College. 4i Security installed a Galaxy Dimension integrated intruder and access control system, remote servicing and user management suite software in conjunction with 4i Security's advanced propriety software and online management console (OMC) tool. The OMC is an online portal allowing clients to interact with 4i Security and have full access to all the information from their security systems on- or off-site in a control centre or via smart phone around the clock.

The system also included three hundred DT7550UK2 Dual Technology motion detectors with Maskalert™ and some DT8M wireless DUAL TEC® motion sensors, which proved key to eliminating false alarms. The system's Galaxy door control modules and Mifare readers facilitate access to the buildings. Finally, the DET8M wireless flood and temperature sensor was installed in the server rooms which host the College's computer system.

Choose Honeywell – connect to opportunity

Why choose Honeywell Security Group? Here are a few reasons:

Trustworthiness

We are a long-established company, with extensive experience in delivering security projects worldwide – all with local service support. We also provide comprehensive support and training for our installers and systems integrators, and we are a trusted advisor for our customers.

Quality

We offer a complete range of high quality, cost-effective solutions that provide a host of benefits for our customers. Our integrated scalable technology also delivers a high return on investment and provides you with the flexibility needed for any future growth plans. We have an unrelenting focus on quality, delivery and value in everything we make and do.

Choice

We work with leading installers, systems integrators, distributors and consultancy firms so that we can offer you a choice of providers who will deliver the highest quality solution that's best for you.

Innovation

We offer unparalleled levels of innovation and technical expertise. We invest millions of dollars a year in research and development on new security products, leveraging the latest technologies at our engineering 'Centres of Excellence' in the US, China, India, Scotland, Germany, France and the Czech Republic.

We never forget that it's in our interest to take care of your interests

Honeywell Security Group EMEA headquarters, Mougins, France

Honeywell Security Group

Honeywell Security Group has over 7,100 employees in over 100 countries. We are present in over 16 countries in Europe, the Middle East & Africa, and our headquarters is located in Mougins, France.

We have over 40 years' experience in the security business, and we have the people, the skills and the resources needed to deliver unparalleled levels of support.

We strive for operational excellence in everything we do: we believe that we can make a real difference by delivering the highest quality solutions in the best possible way for our customers.

> "The end-to-end service received from the consultants Dowling Blunt, the installers at Orion and the team at Honeywell exceeded my expectations"
>
> Paul Newbury
> Development Manager Business Protection
> John Lewis

Honeywell: global overview

Global corporate headquarters: Morristown, New Jersey, USA

- Total revenues of US$36.5 billion (2011)
- 1,300 sites in more than 70 countries
- 132,000 employees worldwide (32,000 in EMEA), including over 21,000 scientists and engineers
- 97 research and engineering facilities globally (23 in EMEA)

Honeywell has four Strategic Business Groups: Automation and Control Solutions (ACS) – which includes Honeywell Security Group; Aerospace; Performance Materials and Technologies; and Transportation Systems.

Automation and Control Solutions

ACS is based in Minneapolis, USA and has seven business units, which focus on the following areas:

- Honeywell Security Group: alarm systems; access control/video; low voltage distribution (ADI)
- Building control systems; energy management and services
- Control systems for continuous process industries; advanced solutions
- Home comfort; building controls; combustion; wiring devices
- Sensors; switches; mission-critical applications
- Fire alarm systems; gas detection; personal protective equipment; remote health monitoring
- Automatic identification and data collection

Honeywell Security Group's sister business units offer a vast array of residential and business solutions that complement our own systems. ACS's products are used in 150 million homes, 10 million buildings, 5,000 industrial facilities, and hundreds of gas and electric utilities worldwide.

Some of our customers

For additional information,
please visit www.honeywell.com

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