Honeywell Building Solutions

Honeywell

INTEGRATED SECURITY SOLUTIONS

Intuitive Intelligence

Honeywell **Integrated Security Solutions**

Today's security threats demand new ways of working

Changing threats to safety and security require new ideas, new technologies and integrated solutions. Bringing existing and innovative applications together into one system that connects everything from public authorities to perimeter security, from governmental warning systems to control rooms, can successfully protect facilities, operations, employees, customers, and assets. It mitigates risk.

Honeywell Building Solutions recognises that those managing security face many rapidly changing challenges. As one of the world's largest security technology companies, we understand your need to keep people, facilities, assets and intellectual property – the lifeblood of your organisation – safe and secure.

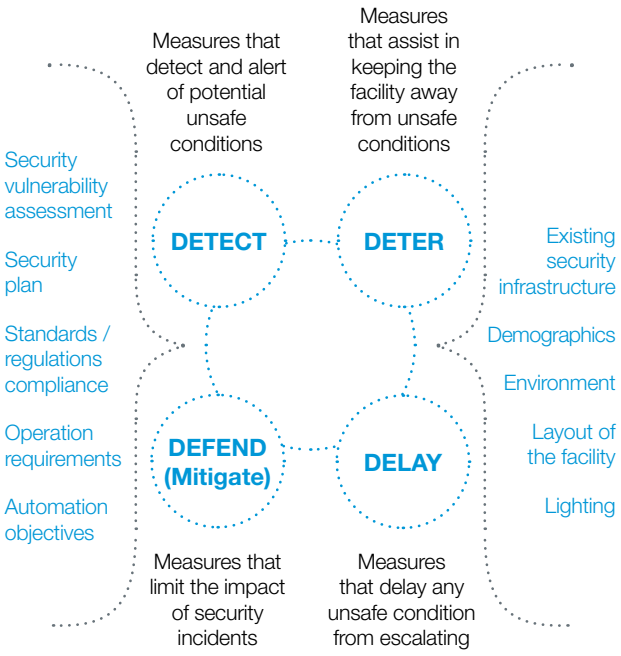
Total solution from a single source

You want the ability to detect security incidents faster, respond more quickly and mitigate their impact cost effectively. Honeywell security solutions can be customised to the needs of any facility no matter how complex. And our offering is extensive, spanning products, project design and engineering, delivery of advanced solutions as well as the maintenance and servicing of them.

Long-term partnership

Honeywell operating systems allow you to choose the technology that best suits your needs. And, because our architecture supports open systems connectivity, it allows for the inclusion of multi-vendor sub systems.

This protects your investment over time and reduces life cycle and operating costs without detriment to your security strategy.



Honeywell **Integrated Security Solutions**

Integrated security solutions

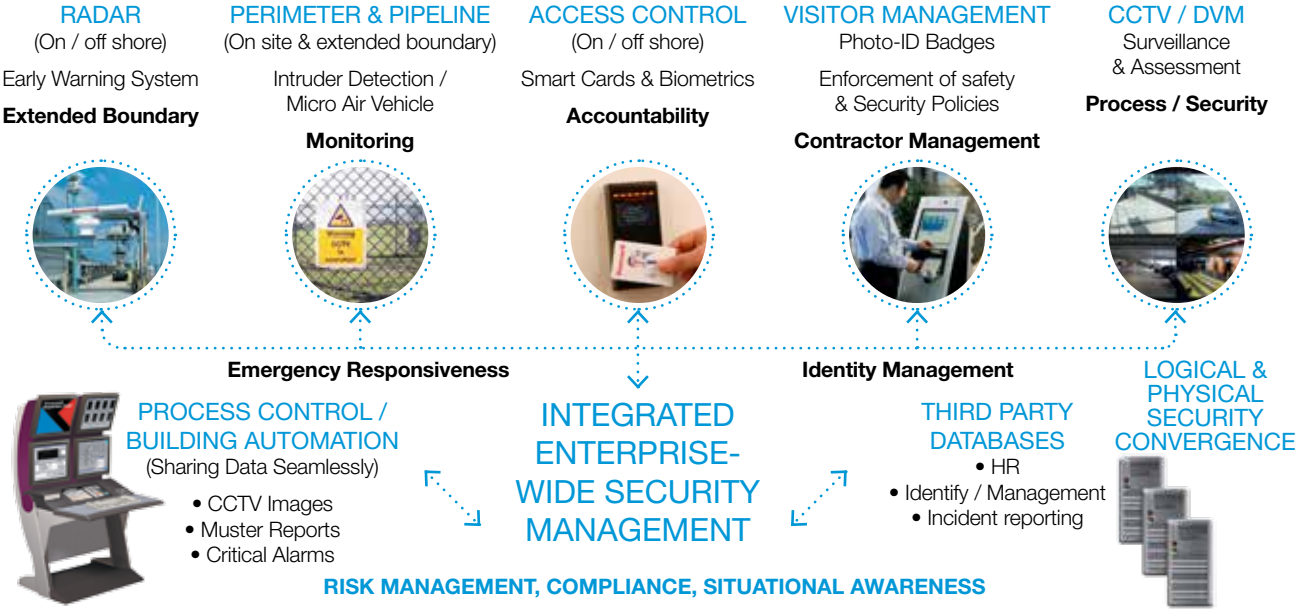
Integration can help to solve a key business dilemma – how to do more with less. Honeywell security solutions can be tailored to your specific needs and can grow as your requirements change. More than that, we can provide a single point of access to all the data and resources you need to monitor, control and protect your premises. This ability to process more information, more quickly gives you greater strategic control over your operation and an enterprise-wide view of your facility.

Reduce risk, increase productivity through integration

It is our ability to collect information from multiple points, integrate it and distribute it that sets us apart – that stops security breaches, speeds response times, reduces risk in an emergency and supports productivity improvement. It means a security operator can focus on one screen at a single point of access rather than a whole bank of them.

The value of intelligent solutions

Intelligent technologies enable you to do more with less. While traditional, standalone security applications provide clear benefit to end users, the real power lies in managing the different functions – intrusion detection, access control, time & attendance monitoring and digital video surveillance for example – as one integrated security solution and converging this with your building and life safety management systems.



The Honeywell Difference

HONEYWELL ENTERPRISE BUILDINGS INTEGRATOR (EBI)

Honeywell Enterprise Buildings Integrator (EBI) underpins our intelligent solutions. The EBI platform is the point at which the different functions come together into a common operator interface – a graphical user interface on a PC screen.

EBI's intelligence comes from its ability to seamlessly integrate the different security, life safety and building management systems as well as link with key business systems such as HR, finance, supply chain and electronic point of sale (EPOS). EBI delivers measurable business outcomes at the install stage and over the life span of a facility:

Reduces operational costs

- Typically 20% saving from efficient resource deployment
- Empowers operators
- Simplifies training and cuts false alarms

Lower installed costs

- Convergence and integration of IP networks, leveraging cabling infrastructure and clearer project management

Economic benefits

- Better ROI, data transparency, inherent flexibility, integration with business systems and opportunity for additional revenue streams (EPOS and above-market rents)

Grows with your business

- Fully scalable
- Fits all facilities/groups of buildings and integrates seamlessly to accommodate new installations

Risk mitigation

- strategic control, easy identification/expansion, improved compliance, defined migration paths and multi-vendor compatibility

EBI seamlessly integrates an enterprise's different security, life safety and building management systems and links with key business systems

Honeywell Digital Video Manager **Release 600**

Smarter, faster security and surveillance

Honeywell Digital Video Manager Release 600 (DVM R600) enables simplified safety and security incident management with enhanced forensic investigation capability, mobility, and greater insight and control across your facility. DVM R600 utilises the power of advanced industry trends and innovations to promote productivity improvements with greater flexibility in operation – on the go, by voice or by touch.

MITIGATE RISK AND REDUCE RESPONSE TIME

The intuitive security-centric DVM R600 provides a more efficient approach to incident response and investigations with synchronised video export. Flexible workspace, instant and sychronised playback, motion searching and integrated analytics features empower security operators to better manage threats.

BROADER CHOICE, TIGHTER CONNECTIVITY

To keep pace with the changing security threats by countering with advanced devices, sensors and systems, DVM R600 allows rapid adoption of the latest industry trends and innovations. Support for open integration of security products (ONVIF) and enhancements to Video.Net integration, promotes freedom of choice and interoperability.

Operational benefits

- Multi-sensory operating environment – mobile, touch screen interface, video walls – save critical detection, analysis and reaction time
- Vocal command and enhanced user experience driving enhanced productivity
- Extraordinary situational awareness on-the-go with mobile devices – empowers security staff
- Enhanced incident response and forensic investigations, promoting financial and time savings
- Faster integration of advanced surveillance technologies
- Helps reduce cost – more devices per camera server
- Mitigate risks through a compliant and secure IT environment

Honeywell Command and Control Suite

COMMAND WALL

Command Wall integrates facility-wide resources and makes them available via a collaborative, touch-screen monitor. With rapid access to information, enhanced contextual awareness and ease of use, you can help reduce risk to business operations within your facility, while encouraging growth.

Command Wall enables you to get more value out of your existing technology, such as Honeywell Enterprise Buildings Integrator, and remains an open, flexible system for future growth and expansions.

INCIDENT WORKFLOW

Incident Workflow guides users through emergency situations, helping to reduce risk and promote business continuity.Manage, contain and reduce risk by employing advanced user-experience design and collaborative workflows across multiple devices.

ENTERPRISE DASHBOARDS

Customisable, real-time, user-friendly dashboards give you intelligent visualisations of your building's efficiency and energy performance. Historical trends and performance data are all accessible via mobile devices, helping to increase productivity and promote collaboration.

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Honeywell **Integrated Security Solutions**

The Honeywell Difference

PROTECTING YOUR FACILITY'S INFRASTRUCTURE, STAFF AND VISITORS

- Comprehensive vulnerability and threat assessments
- Strategic design and placement of products
- Software development and integration
- Integration of third-party users to include last mile external security information flow
- Cutting-edge detection technologies
- Emergency evacuation management
- Regulatory compliance

SENSOR TECHNOLOGIES

- Microwave, motion, microphonic and electric
- Wide range of detection

ACCESS CONTROL

- Biometric readers
- Multi-technology (Smart) cards and access management
- Online electronic muster stations
- Reception management

CROWD CONTROL

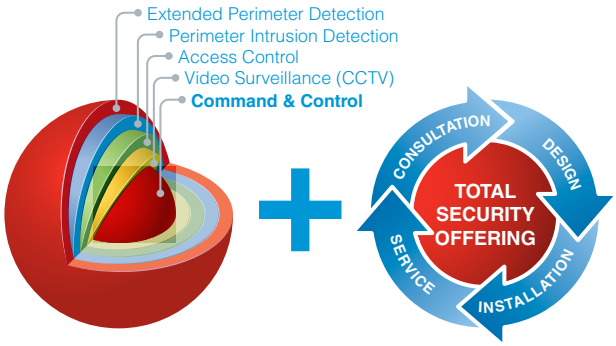
- Lift and escalator management
- Integration with digital video surveillance
- Reduce threats and potential loss with people detection

VIDEO SURVEILLANCE AND ANALYTICS

- Radar, digital, thermal and infrared solutions
- Scheduled or event, motion or operator-initiated recordings
- Advanced algorithms alert operators and help mitigate potential threats
- Intelligent video analytics classify threats
- Integration with perimeter motion control
- Identifies security breaches and false alarms
- Event-driven recording and retrieval
- Infrared cameras provide peripheral area visibility in darkness
- Powerful search capabilities and post-event analysis

CONSULTATIVE END-TO-END APPROACH

Honeywell offers a layered, yet integrated and holistic approach to integrated security that includes a mix of leading technologies, consultation, design, procurement of relevant third party content, installation and support service solutions:



Honeywell Digital Video Manager Console

Princess Nora Bint Abdulrahman University (PNU)

SITUATION

- Princess Nora Bint Abdulrahman University (PNU), the largest women-only university in the world required an intelligent campus-wide security solution to provide a safe and secure environment for students, staff and facilities while also equipping administrators with increased access to critical information.
- As a Government regulation, PNU was keen to ensure the safety of over 50K women students studying in the university and prevent any incident that might harm them.

SOLUTION

The Honeywell solution entailed a campus-wide integrated security solution using Enterprise Buildings Integrator (EBI) with Smart Card technology combined with Temaline™ solutions-based access control system and Honeywell Digital Video Manager (DVM) based CCTV system:

- CCTV System: 1600+ cameras including 950 at perimeter and remaining indoors and DVM server for the whole campus
- Access Control: 883 Temaline™ controllers, TKS 3000 modules, TKC 2000+ modules and 3500 card readers
- Security and Access Control Server for the whole campus (Honeywell Enterprise Building Integrator) along with accessories for monitoring and enrollment
- Integration with existing Fire Automation System , RFID, Integrated Building Management System and CCTV
- Large command center

BENEFITS

Integration of systems onto EBI platform empowered PNU with easy access to diverse data and enterprise-wide control from a single workstation enabling streamlined processes resulting in improved productivity and promoting reduced operational costs

- Seamless integration of various security systems, such as Access Control and CCTV with other Building Management Systems, PNU benefited optimised enterprise-wide integrated protection enhancing integrity of the campus
- CCTV surveillance helped PNU to track the movements of personnel's entering or leaving the facility leading to a safe atmosphere and instilling a sense of security among the students
- Campus-wide access control restricting unauthorised entry
- 24/7 campus wide CCTV surveillance promoting maximised situational awareness reducing the risk of untoward incidents
- Honeywell's open platform allows integration with existing non Honeywell systems improving cost effectiveness and future interoperability

Queensland Corrective Services

SITUATION

- Lotus Glen Correctional Centre (LGCC) is a state run correctional facility located west of Cairns in far north Queensland, Australia. On completion of the current project LGCC will accommodate approximately 700 high security prisoners. Low security prisoners will be housed in the prison farm immediately beside the high security prison.

SOLUTION

- The Honeywell solution involved the following components, many of which are seamlessly integrated through the EBI (Enterprise Building IntegratorTM) network:
- Honeywell's Integrated IP Video Management platform with advanced video analytics;
- Digitally recorded analogue CCTV cameras;
- CCTV monitors for alarm response;
- Digital intercom system including digital audio recording;
- Fibre back bone and active network hardware;
- Multi-layer perimeter detection system;
- Contraband detection systems;
- Radio duress;
- Human presence detection (not life safety);
- Biometric Identifi cation System;
- Biometric management of prisoner property management system.

BENEFITS

- Streamlined integration of security and intercommunication systems through the power of Honeywell's Security Management Systems.
- Easy to use custom graphical interface for operator based electronic security systems that enables prioritisation of the workload for high demand access control and alarm monitoring.
- Functional reporting reduces incident management investigation time through providing relevant audit trail information in an integrated reporting system.
- Training and development platform which simulates real life scenarios in a small scale non-threatening environment, thus increasing the effectiveness of operators prior to being placed in live situations.

Honeywell, your integrated, innovative technologies provider.

Honeywell is a leading provider of intelligent security, building, energy and life-safety management solutions and services to thousands of facilities around the world. From design to installation, commissioning to maintenance support, we tap into both our global portfolio and our local expertise to provide customised solutions that help to solve your business challenges – today and tomorrow.

Emerging threats to commercial, industrial, transport, defence, and mission critical installations often require new ideas, technologies, and solutions to safeguard people, buildings, assets and businesses.

Our goal is to help you realise the full potential of advanced technoogies by providing high-performance systems that deliver uncompromising reliability and sophisticated security solutions.

STAYING CURRENT STARTS NOW

Bringing your building automation system 'up-to-date' will promote enhanced business continuity, safety, security and stability. All of this in an affordable package that offers a fixed, predictable cost. Through ongoing lifecycle management of the automation system, additional financial benefits in the areas of energy and operational savings can also be achieved – often making updates cost neutral or even a net benefit.

Now is the perfect time to realise the many benefits of updating your building automation system. And Honeywell can show you how to do it painlessly through a new Lifecycle Management service contract. To take the first step, just contact your Honeywell representative or call +44 (0)870 600 1659.

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