Maximise productivity, compliance and flexibility while reducing costs and risk
Improve ROI and reduce risk by enabling your facility’s operational systems to work together.

Integration is the key. Like teamwork, leveraging and combining the individual strengths of building, security, energy and life safety systems on one common platform delivers a collective package of unparalleled benefits to your business.

Honeywell’s Integrated Building Management Solutions™ (IBMS) provides you with the platform and foundation you need to deliver flexible and reliable solutions that will lower the costs of maintaining your facilities over time.

As a building owner or facility manager, you need to constantly look at new solutions to help you manage ever-increasing targets despite ever-decreasing budgets. Work more efficiently with the technology and intelligence of IBMS.

IBMS consolidates all aspects of a building’s control and supervisory management into a single process, and channels the data on to a single information management system. Once integrated, you can access across different building, security, life safety management systems and business processes to streamline communications and ensure better efficiency. This is worlds away from the traditional stand-alone subsystems.

Integration turns data into information and allows access to better and more accurate information – all from a single workstation. Not only does integration increase productivity by enhancing responsiveness and reducing risk, the streamlined process optimises building performance that results in significant and tangible costs savings.

INTEGRATION AND THE VALUE TO YOUR BUSINESS

Access to all building management through one point of control:
- Consistent and standard operating systems for all aspects of building management
- Seamless interoperability between enterprise, building sub-systems and field sensors
- Single window monitoring and control
- Turns data into knowledge
- Energy management
- Performance improvement
- Reduced risk.

Access to intelligence and data:
- Improves operator productivity
- Offers insight and analysis for better decision-making
- History and trending
- Enables a faster, more accurate response.

Improved reliability:
- Greater system uptime
- Improved compliance
- Facilitates long-term planning.

Cost benefits:
- Improved economies of scale
- Long-term lifecycle savings
- Scalable over time and distance
- Protects existing investment in controllers and field devices
- Reduced need for training
- Improved operator efficiency
- Move from legacy BMS to efficient building management.

IBMS improves a facility’s energy efficiency and increases operator productivity. For example, scheduling the lighting, HVAC and security systems with office occupancy can be done by a single-scheduling engine and replaces the need for individual schedules on multiple systems. This ability to combine procedure with automation control ensures that processes happen as intended. It drives efficient building systems behaviour – for example, ensuring that the area is secure, lights are off and HVAC systems are in setback mode – for optimum energy savings.

THE CASE FOR CONVERGENCE

Go one step further and integrate multimedia voice, video and data services onto an IP network. The combined converged building solution works with all your building control systems across your properties and can be controlled from a single point of contact. With 75% of a facility’s expense lying in operating and maintenance costs, this is especially beneficial if you are planning a new facility. Leveraging an IP network from the outset of a project incurs little extra cost but delivers significant savings and ROI over the lifetime of your building.

ETHERNET TCP/IP

Remote Access
Connects stations remotely

Client Machines
Up to 80 simultaneous station connections

Redundancy
Provides a hot back-up server

Building Systems
Life Safety
Security
Building Management System
Energy Management
Business Systems
Human Resources
Financial

Voice and Data Communications
IP Networking
Structured Cabling

Open Standards
LonWorks®
BACnet®
OPC®
Integration is the key. Like teamwork, leveraging and combining the individual strengths of building, security, energy and life safety systems on one common platform delivers a collective package of unparalleled benefits to your business.

Improve ROI and reduce risk by enabling your facility's operational systems to work together.

Honeywell's Integrated Building Management Solutions™ (IBMS) provides you with the platform and foundation you need to deliver flexible and reliable solutions that will lower the costs of maintaining your facilities over time.

As a building owner or facility manager, you need to constantly look at new solutions to help you manage ever-increasing targets despite ever-decreasing budgets. Work more efficiently with the technology and intelligence of IBMS.

IBMS consolidates all aspects of a building's control and supervisory management into a single process, and channels the data onto a single information management system. Once integrated, you can access across different building, security, life safety management systems and business processes to streamline communications and ensure better efficiency. This is worlds away from the traditional stand-alone subsystems. Integration turns data into information and allows access to better and more accurate information – all from a single workstation. Not only does integration increase productivity by enhancing responsiveness and reducing risk, the streamlined process optimises building performance that results in significant and tangible cost savings.

**INTEGRATION AND THE VALUE TO YOUR BUSINESS**

Access to all building management through one point of control:
- Consistent and standard operating systems for all aspects of building management
- Seamless inter-operability between enterprise, building sub-systems and field sensors
- Single window monitoring and control
- Turns data into knowledge
- Energy management
- Performance improvement
- Reduced risk.

Access to intelligence and data:
- Improves operator productivity
- Offers insight and analysis for better decision-making
- History and trending
- Enables a faster, more accurate response.

**Improved reliability:**
- Greater system uptime
- Improved compliance
- Facilitates long-term planning.

**Cost benefits:**
- Improved economies of scale
- Long-term lifecycle savings
- Scalable over time and distance
- Protects existing investment in controllers and field devices
- Reduced need for training
- Improved operator efficiency
- Move from legacy BMS to efficient building management.

IBMS improves a facility’s energy efficiency and increases operator productivity. For example, scheduling the lighting, HVAC and security systems with office occupancy can be done by a single-scheduling engine and replaces the need for individual schedules on multiple systems. This ability to combine procedure with automation control ensures that processes happen as intended. It drives efficient building systems behaviour – for example, ensuring that the area is secure, lights are off and HVAC systems are in set-back mode – for optimum energy savings.

**THE CASE FOR CONVERGENCE**

Go one step further and integrate multimedia voice, video and data services onto an IP network. The combined converged building solution works with all your building control systems across your properties and can be controlled from a single point of contact. With 75% of a facility’s expense lying in operating and maintenance costs, this is especially beneficial if you are planning a new facility. Leveraging an IP network from the outset of a project incurs little extra cost but delivers significant savings and ROI over the lifetime of your building.
Honeywell Enterprise Buildings Integrator™ – enhanced efficiency for improved business results

Honeywell has always been a leader in intelligent facility automation solutions and the latest release of Honeywell Enterprise Buildings Integrator (EBI) continues to set a new standard in intelligent building management.

Honeywell Enterprise Buildings Integrator (EBI) uses the latest Internet Protocol (IP) and Microsoft® SQL Server™ 2005 operating systems to provide seamless management of digital information and better control of your building’s operational systems through a secured common-user interface.

Honeywell takes this combination of technology and expertise and delivers a solution that improves the efficiency of your facility by raising the productivity of your systems or equipment. This also highlights any compliance issues and increases your flexibility to react on situations before they occur. Better efficiency will also reduce your costs and risks.

New functionality increases productivity
These new features and capabilities of EBI also help you achieve improved results.
- Microsoft® SQL Server™ – the latest in operations technology
- Improved facility model – data access and management
- Updated global scheduling
- BACnet support of backup/restore service, BACnet schedules, algorithmic alarming, redundancy and support of latest BACnet standards
- Better organisation of information relating to the physical status of events and alarms
- An ‘at a glance’ insight to a facility and system-specific status regardless of location
- A consolidated, enterprise-wide view through a single work-station.

Measurable performance gain
- Trends up to 32 inputs – tracked with single trend view; trends with events view, and trends with numeric history view
- In-depth and accessible energy user profiles for improved energy consumption management
- More wireless and more intelligent field devices
- Consistent range of services to building occupants
- Access control download is ten times faster with unlimited access levels per cardholder
- Firewall-friendly HMI Web browser supports remote access and productivity gain.

Risk reduction
- Exceptional alarm management. Single line alarm processing and greater queue size improves operator incident handling and productivity
- Honeywell Temaline access control option for access control flexibility can be used in conjunction with PCSC, Nexwatch or FS 90 AMC systems
- Alarms prioritised by colour with the top priority viewable on every screen
- Triggers digital video to record an incident
- Increased security; advanced Cardholder Management System manages all your staff, visitors and tenants in one system
- Tracks high value, portable assets in real-time throughout your facility.

Excellent reporting and compliance
- Enhanced compliance with special features for restricted operating environments. In a pharmaceutical environment, for example, it supports electronic signature – single or double – as required by FDA 21 CFR Part 11
- Microsoft® Reporting Services provide faster and more flexible reports for better decision making.

These are just some of the new features available with the latest EBI release. Whether you are a first-time or long-term EBI user, EBI will help your business to stay ahead in a fast-changing and increasingly competitive environment.

Start realising your ROI potential with better cost management by EBI.
EBI System Architecture

EBI supports all industry standard open protocols, including: BACnet™, ModBus, LonWorks™, web-based Ethernet, HTML, OPC, ODBC, and most industry standards.
EBI is modular and scalable to suit your business needs

Every business is different and so, your business needs are unique. EBI offers you the flexibility to choose the best combination of software and applications to meet your business goals and challenges.

Honeywell Enterprise Buildings Integrator (EBI) is flexible and can be tailored to suit most facilities regardless of size or location. It's also scalable so you can define the level of integration or the complexity of its solution you need for your particular facility.

Whether you choose Honeywell software or a third-party field controller or sensor, EBI's open platform allows you the freedom to determine the pieces that complement your legacy system without starting from scratch. This, in itself, is a significant potential saving.

The Honeywell EBI software suite is integrated on an open platform and offers you comprehensive solutions that can be delivered in any combinations.

HONEYWELL BUILDING MANAGER™
Interfaces with leading open system solutions for:
- HVAC monitoring and control
- Maintenance management
- Lighting control
- Regulatory compliance.

HONEYWELL ENERGY MANAGER™
Collect, analyse and act on data to reduce energy consumption, cost and carbon emissions across your facility. It monitors, validates:
- Energy usage
- Water and waste management.

HONEYWELL SECURITY MANAGER™
Protects people, assets and intellectual property with:
- Security monitoring
- Access control and card readers, including Time & Attendance monitoring
- Visitor management
- Asset and personnel tracking.

HONEYWELL DIGITAL VIDEO MANAGER™
Uses cameras connected directly to your LAN:
- Analogue and digital CCTV surveillance
- Event-activated recording and viewing

HONEYWELL LIFE SAFETY MANAGER™
Monitors and controls fire alarm systems governing:
- Fire detection and smoke control
- Public Address & Voice Announcement (PA VA)
- Legislative compliance.

EBI also integrates with other business processes to provide a seamless operation:
- Industrial/manufacturing process control
- Financial/business systems
- HR (SAP and PeopleSoft)
- Supply chain
- Accessible through Intranet and Internet.

Honeywell EBI is the right choice if you are:
- Planning a new or expanded facility
- Looking for new technology and new ways of working
- Looking to get the buy-in of your IT organisation
- Wanting to make your operators more responsive and productive
- Looking to reduce energy costs through improved energy management
- Wanting to cut costs without compromising security and comfort.
Why choose Honeywell?

Honeywell Building Solutions (HBS) is a leading provider of intelligent building, energy, security and life safety management solutions and services to thousands of facilities around the world. From design to installation, commissioning to maintenance support, HBS taps into both our global portfolio and our local expertise to deliver the customised solutions that help you solve your business challenges.

MINIMISING RISK

Honeywell is a global manufacturing and technology leader with more than 100 years expertise in building automation control. From our customer-centric approach to our reliable project design and delivery, through to our technically advanced service capabilities, we aim to reduce your financial and operational risk at all stages. We call upon many years of experience in mission critical environments to ensure that we design, deliver and manage projects that support maximum up-time and a higher return on investment.

PROJECT DESIGN

Our innovative and skilled approach to project design gives you the peace-of-mind to rest assured that your facility will operate efficiently and profitably over its life-time. All our systems have clearly defined migration paths and because it is open in its design our solutions give you the freedom of choice when selecting your system and equipment.

By integrating our expert IP solutions knowledge we can also ensure that functionality is improved and cost is reduced.

DELIVERY

We bring proven expertise to project delivery with unrivalled experience across a wide range of applications. This combination enables us to ensure that your project runs on time and on budget.

We are also able to ‘stage’ infrastructure and systems from an off-site environment on to a live, working environment to minimise integration issues on-site. Our ability to call on our own global engineering resources means that we can accelerate project delivery anywhere in the world at any time.

SERVICE

Honeywell has one of the largest customer support organisations known to the industry. Our technical services – remote monitoring and energy management included – reduce the risk of system or plant down-time. We offer prompt repair services and convenient access to both experienced local staff and parts supply. This helps to support uninterrupted performance for your facility and protects the value of your investment – leaving you free to focus on your core business.
Improve ROI and reduce risk by enabling your

Integration is the key. Like teamwork, leveraging and combining the individual strengths of building, security, energy and life safety systems on one common platform delivers a collective package of unparalleled benefits to your business.

Honeywell’s Integrated Building Management Solutions™ (IBMS) provides you with the platform and foundation you need to deliver flexible and reliable solutions that will lower the costs of maintaining your facilities over time.

As a building owner or facility manager, you need to constantly look at new solutions to help you manage ever-increasing targets despite ever-decreasing budgets. Work more efficiently with the technology and intelligence of IBMS.

IBMS consolidates all aspects of a building’s control and supervisory management into a single process, and channels the data on to a single information management system. Once integrated, you can access across different building, security, life safety management systems and business processes to streamline communications and ensure better efficiency. This is worlds away from the traditional stand-alone subsystems.

Integration turns data into information and allows access to better and more accurate information – all from a single workstation. Not only does integration increase productivity by enhancing responsiveness and reducing risk, the streamlined process optimises building performance that results in significant and tangible costs savings.

INTEGRATION AND THE VALUE TO YOUR BUSINESS

Access to all building management through one point of control:

- Consistent and standard operating systems for all aspects of building management
- Seamless interoperability between enterprise, building sub-systems and field sensors
- Single window monitoring and control
- Turns data into knowledge
- Energy management
- Performance improvement
- Reduced risk.

Access to intelligence and data:

- Improves operator productivity
- Offers insight and analysis for better decision-making
- History and trending
- Enables a faster, more accurate response.

Improved reliability:

- Greater system uptime
- Improved compliance
- Facilitates long-term planning.

Cost benefits:

- Improved economies of scale
- Long-term lifecycle savings
- Scalable over time and distance
- Protects existing investment in controllers and field devices
- Reduced need for training
- Improved operator efficiency
- Move from legacy BMS to efficient building management.

IBMS improves a facility’s energy efficiency and increases operator productivity. For example, scheduling the lighting, HVAC and security systems with office occupancy can be done by a single-scheduling engine and replaces the need for individual schedules on multiple systems. This ability to combine procedure with automation control ensures that processes happen as intended. It drives efficient building systems behaviour – for example, ensuring that the area is secure, lights are off and HVAC systems are in setback mode – for optimum energy savings.

THE CASE FOR CONVERGENCE

Go one step further and integrate multimedia voice, video and data services onto an IP network. The combined converged building solution works with all your building control systems across your properties and can be controlled from a single point of contact. With 75% of a facility’s expense lying in operating and maintenance costs, this is especially beneficial if you are planning a new facility. Leveraging an IP network from the outset of a project incurs little extra cost but delivers significant savings and ROI over the lifetime of your building.

ETHERNET TCP/IP

Remote Access

Connects stations remotely

Client Machines

Up to 80 simultaneous station connections

Redundancy

Provides a hot back-up server

Building Systems

Life Safety

Security

Building Management System

Energy Management

Business Systems

Human Resources

Financial

Voice and Data Communications

IP Networking

Structured Cabling

Open Standards

LonWorks®

BACnet®

OPC®
Maximise productivity, compliance and flexibility while reducing costs and risk