Honeywell Building Manager

New Standard of Reliability
For mission-critical operations, the system can be configured in high-availability architecture. Two Honeywell servers operate in a redundant, hot standby mode to ensure continuous operation. Dual communication paths between the primary and backup computers eliminate risk of failure.

For large or multi-site applications, distributed system architecture enables many independent Building Manager systems to be linked together for local site control and management.

Flexible, Cost-Effective System Architecture
Open architecture supports everything from a standalone system to multi-facility systems with multiple servers. The high performance SQL Server® database provides information to Microsoft® Windows® workstations connected locally or remotely. To enable operators to “see” into a total enterprise, Building Manager cleverly communicates with your enterprise network, management information systems and other business systems. Networking functions are based on industry standard protocols for easy integration.

Power of Building Integration
Building Manager provides the ideal solution for open data integration between traditional building systems and essential enterprise systems. Open architecture supports a wide range of systems and products including:
- LonWorks®
- BACnet®
- OPC®
- Modbus®

Honeywell EBI supports the development of improved business strategies relating to optimal maintenance and energy demand management. An open data access framework allows a simple Microsoft® Excel® Data Exchange spreadsheet to collate multi-site energy consumption data in real time, providing real cost-to-operate information. This also sets the benchmark for reducing energy demand.

Flexible scheduling saves time and money, and increases efficiency. Multiple sites, facilities and systems can be controlled through a single point of access.

Why Honeywell?
Honeywell is a global manufacturing and technology leader. Whether you manage a single building, a campus or many facilities around the world, working with Honeywell gives you access to unmatched expertise in automation control. In particular, Honeywell earned Frost & Sullivan’s Leadership Award for excellence in integrating building systems into a single point of access.

Building Manager is one of many applications that integrate with Honeywell Enterprise Buildings Integrator (EBI), a powerful suite of applications that harness cost-effective monitoring and control of key facility functions including energy consumption, lighting, security, digital video surveillance and life safety.

Contact Honeywell today to find out how an integrated systems management solution can help improve the efficiency of your facility.

Contact Honeywell today to find out more about Enterprise Buildings Integrator. Talk to your local representative, visit www.honeywell.com/buildingsolutions or call 1-800-345-6770, ext. 603.

Honeywell Building Solutions
Honeywell
1985 Douglas Drive North
Golden Valley, MN 55422-3992
1-800-345-6770, ext. 612
www.honeywell.com

Honeywell is proud to support the Clinton Climate Initiative, USGBC, ACUPCC and other groups that encourage the responsible use of our natural resources.

Nearly 50 percent of Honeywell’s product portfolio is linked to energy efficiency, and our work helps eliminate millions of pounds of carbon dioxide emissions each year. Honeywell has been recognized with multiple awards, including the “Green Innovation of the Year” award from Frost & Sullivan.

An Integrated Building Management Solution that Drives Performance Improvement While Reducing Costs and Risk
Integrated technologies support innovative ways of working and ensure productivity improvement over the lifetime of a facility.

Honeywell Building Manager is a high-performance automation solution for monitoring and controlling the different subsystems across your enterprise. The intelligent building management platform integrates the systems, equipment and field devices that control your heating, ventilation and air conditioning (HVAC), energy consumption, lighting, hydraulics, water, electrical equipment and much more.

**BUSINESS BENEFITS**

Building Manager utilizes standard open system protocols to integrate information from the building’s subsystems to provide:

- Seamless monitoring and control
- Faster response time
- Accurate data
- Increased productivity
- Reduced risk of down-time and exposure

Because it is scalable over time and distance, Building Manager is an ideal solution for a wide range of businesses.

Unlike traditional standalone technologies that operate in isolation, Honeywell Building Manager manages multiple data sets and turns them into knowledge. This drives performance improvements as it allows operators better access to more accurate analysis and detailed reporting of both current and historical data.

Building Manager is also very flexible and can be customized to suit any facility. Built on an open platform, Building Manager allows you the freedom to choose the best combination of Honeywell and third-party controllers and field devices to suit the needs of your business.

Not only does this flexibility offer you efficiencies on up-front costs, it also provides a flexible platform for upcoming retrofit or expansion plans. Building Manager can also be used in conjunction with Honeywell Enterprise Buildings Integrator (EBI), integrating other management systems to create an even more powerful knowledge management process.

**INTELLIGENT SOLUTIONS**

Building Manager gives you access to a range of powerful features, all of which support business profitability:

- Single window monitoring and control of an entire site or multiple sites
- Web-enabled graphic user interface
- Energy demand management
- Flexible alarm management
- Powerful analytical tools, including benchmarking
- Metrics on alarm activity and operator actions
- Improved management-level reporting
- Regulatory/legislative compliance
- Maintenance management
- Global scheduling
- Optimization strategies with integration to business processes – supply chain, finance and HR included

**IMPROVED DATA ANALYSIS**

Building Manager maintains an extensive historical record of building performance data. This information, collected at intervals ranging from one second to 24 hours over a virtually unlimited period of time, supports analysis of long-term operational patterns and optimal productivity improvement. Once captured, historical data is available for a wide range of reports and uses:

- Tracking equipment operation across seasons
- Comparing current versus historical performance data
- Developing cost-of-operation spreadsheets
- Integrating historical data into financial planning

Building Manager supports over 1,000 trend displays, each with 32 points and each integrated with discrete alarm and event management. This allows for timely and accurate windows of live, historical and derived data which can be accessed and compared online.

**ADVANCED ALARM MANAGEMENT**

Alarm management functions enable operators to respond quickly and effectively to an emergency or abnormal situation. In the event of an alarm, a graphical display will immediately alert the operator. It will pinpoint the location of the alarm, the priority given to it and the procedures to follow.

Being flexible, Building Manager enables you to define what constitutes an alarm and set its priority. The system can also send automatic notification to off-site personnel by their preferred method – via pager, SMS or e-mail.

The event summary logs all alarms and acknowledgments, and returns to normal conditions.

The easy-to-use, information-rich interface and user-configurable pulldown menus and toolbars ensure intuitive navigation and fast access to vital information. By integrating HMIWeb™ technology, management, operators and tenants get secure access to your building systems from anywhere. You authorize who can view equipment status, check current temperatures and control lighting and comfort setpoints for designated areas.

Building Manager supports comprehensive reporting capabilities, both custom and preconfigured. Customization couldn’t be simpler – just fill in the blanks on the template reports. And Building Manager utilizes Microsoft® SQL Server® reporting services for standard and custom reporting requirements. Standard user-configurable reports include:

- Alarm and event query
- After-hours alarm report
- Operator actions
- All-points report, including point attribute – manual mode and off-scan, for example

Reports can be generated on demand or at set times automatically. Each one can be configured to activate an application upon completion, and it is easy to combine building data with information from other sites into one report.
Honeywell Building Manager

NEW STANDARD OF RELIABILITY
For mission-critical operations, the system can be configured in high-availability architecture. Two Honeywell servers operate in a redundant, hot standby mode to ensure continuous operation. Dual communication paths between the primary and backup computers eliminate risk of failure.

For large or multi-site applications, distributed system architecture enables many independent Building Manager systems to be linked together for local site control and management.

FLEXIBLE, COST-EFFECTIVE SYSTEM ARCHITECTURE
Open architecture supports everything from a standalone system to multi-facility systems with multiple servers. The high performance SQL Server® database provides information to Microsoft® Windows® workstations connected locally or remotely. To enable operators to “see” into a total enterprise, Building Manager cleverly communicates with your enterprise network, management information systems and other business systems. Networking functions are based on industry standard protocols for easy integration.

THE POWER OF BUILDING INTEGRATION
Building Manager provides the ideal solution for open data integration between traditional building systems and essential enterprise systems. Open architecture supports a wide range of systems and products including:
  - LonWorks®
  - BACnet®
  - OPC®
  - Modbus®
  - Integrated Honeywell Security Manager,
    Digital Video Manager, Integrated
    Honeywell Life Safety Manager,
    Integrated Honeywell Energy Manager,
    Experion

Honeywell EBI supports the development of improved business strategies relating to optimal maintenance and energy demand management. An open data access framework allows a simple Microsoft® Excel® Data Exchange spreadsheet to collate multi-site energy consumption data in real time, providing real cost-to-operate information. This also sets the benchmark for reducing energy demand.

GLOBAL SCHEDULING
Flexible global scheduling saves time and money, and increases efficiency. Multiple sites, facilities and systems can be controlled through a single point of access.

WHY HONEYWELL?
Honeywell is a global manufacturing and technology leader. Whether you manage a single building, a campus or many facilities around the world, working with Honeywell gives you access to unmatched expertise in automation control. In particular, Honeywell earned Frost & Sullivan’s Leadership Award for excellence in integrating building systems into a single point of access.

Building Manager is one of many applications that integrate with Honeywell Enterprise Buildings Integrator (EBI), a powerful suite of applications that harness cost-effective monitoring and control of key facility functions including energy consumption, lighting, security, digital video surveillance and life safety.

Contact Honeywell today to find out how an integrated systems management solution can help improve the efficiency of your facility.

Find Out More
Contact Honeywell today to find out more about Enterprise Buildings Integrator.
Talk to your local representative, visit www.honeywell.com/buildingsolutions or call 1-800-345-6770, ext. 603

Honeywell Building Solutions
Honeywell
1985 Douglas Drive North
Golden Valley, MN 55422-3992
1-800-345-6770, ext. 612
www.honeywell.com

Honeywell is proud to support the Clinton Climate Initiative, USGBC, ACUPCC and other groups that encourage the responsible use of our natural resources.

Nearly 50 percent of Honeywell’s product portfolio is linked to energy efficiency, and our work helps eliminate millions of pounds of carbon dioxide emissions each year. Honeywell has been recognized with multiple awards, including the “Green Innovation of the Year” award from Frost & Sullivan.

An Integrated Building Management Solution that Drives Performance Improvement While Reducing Costs and Risk

Making Facilities More Comfortable, Energy Efficient and Productive

Honeywell EXCEL 5000 Open™ and HMIWeb™ are trademarks of Honeywell International Inc. SQL Server®, Microsoft Windows® and Microsoft® Excel® are registered trademarks of Microsoft. LonWorks®, Echelon Corporation. BACnet® is a registered trademark of ASHRAE. Modbus® is a registered trademark of Schneider Automation, Inc. OPC® is a registered trademark of the OPC Foundation. All rights reserved.

SL-03-1526
August 2009
© 2009 Honeywell International Inc.